

Appendix G

Noise Calculation Worksheets



Cheval Blanc Project

Noise Calculations Worksheets

Provided by Acoustical Engineering Services

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1. Ambient Noise Measurements

Provided by Morgner

Measurement Location R1: Church

ID	Date	Start Hour	Finish Hour	Metric	dB(A)	63	125	250	500	1k	2k	4k	8k
001	7-Jul-21	9.00	10.00	Leq	72.4	74.1	72.1	69.2	66.8	68.6	66.3	57.0	52.6
002	7-Jul-21	10.00	11.00	Leq	71.6	74.2	72.5	69.6	67.3	68.1	63.7	56.6	50.3
003	7-Jul-21	11.00	12.00	Leq	70.7	74.5	73.0	69.7	67.0	66.4	62.8	56.8	51.2
004	7-Jul-21	12.00	13.00	Leq	72.0	75.4	73.9	69.7	67.4	68.8	63.6	57.7	51.3
005	7-Jul-21	13.00	14.00	Leq	70.6	74.7	72.6	69.3	67.5	66.1	62.4	56.5	50.2
006	7-Jul-21	14.00	15.00	Leq	69.9	75.0	73.1	68.8	66.8	65.4	61.4	55.3	48.0
007	7-Jul-21	15.00	16.00	Leq	68.0	73.5	71.2	66.1	63.3	64.0	60.6	54.1	48.8
008	7-Jul-21	16.00	17.00	Leq	72.3	74.8	72.3	67.1	64.2	70.2	64.0	57.5	47.9
009	7-Jul-21	17.00	18.00	Leq	68.4	74.3	75.0	67.8	63.6	64.2	60.2	51.5	44.7
010	7-Jul-21	18.00	19.00	Leq	67.8	73.1	70.2	64.2	62.1	64.6	60.7	52.3	45.4
011	7-Jul-21	19.00	20.00	Leq	67.9	72.1	70.7	65.7	63.0	64.4	60.2	51.2	43.5
012	7-Jul-21	20.00	21.00	Leq	68.0	71.2	70.7	65.4	63.6	64.5	60.2	51.2	44.1
013	7-Jul-21	21.00	22.00	Leq	76.7	72.0	71.3	66.9	66.2	74.0	71.4	58.8	49.8
014*	7-Jul-21	22.00	23.00	Leq	67.6	70.4	70.4	67.0	64.1	63.6	59.2	50.2	43.2
015*	7-Jul-21	23.00	0.00	Leq	67.6	70.4	70.4	67.0	64.1	63.6	59.2	50.2	43.2
016	8-Jul-21	0.00	1.00	Leq	64.7	67.4	66.3	60.4	59.2	61.6	57.6	48.4	40.4
017	8-Jul-21	1.00	2.00	Leq	64.9	68.0	71.3	62.8	58.8	60.9	57.3	50.1	45.2
018	8-Jul-21	2.00	3.00	Leq	63.3	65.8	68.7	59.3	57.6	59.9	55.9	46.3	37.0
019	8-Jul-21	3.00	4.00	Leq	62.6	67.0	69.7	57.5	58.1	59.0	54.5	45.5	37.8
020	8-Jul-21	4.00	5.00	Leq	64.2	65.0	66.4	61.0	58.8	61.0	56.7	48.2	40.3
021	8-Jul-21	5.00	6.00	Leq	66.6	68.5	69.1	63.3	61.0	63.1	59.6	50.8	45.0
022	8-Jul-21	6.00	7.00	Leq	69.6	70.9	71.7	66.9	64.5	66.2	62.1	53.6	47.6
023	8-Jul-21	7.00	8.00	Leq	70.6	71.2	71.6	66.9	65.4	67.5	63.4	54.1	46.2
024	8-Jul-21	8.00	9.00	Leq	71.9	73.5	73.3	71.1	68.4	67.7	63.7	57.5	54.1
CNEL					74.7								

Measurement Location R2: Residential

ID	Date	Start Hour	Finish Hour	Metric	dB(A)	63	125	250	500	1k	2k	4k	8k
001	7-Jul-21	9.00	10.00	Leq	59.3	68.1	61.8	54.0	50.9	55.5	54.0	43.4	34.5
002	7-Jul-21	10.00	11.00	Leq	57.1	67.5	61.8	54.5	51.3	53.3	49.3	42.8	35.1
003	7-Jul-21	11.00	12.00	Leq	56.9	68.2	62.3	55.2	52.1	52.3	49.2	43.9	37.2
004	7-Jul-21	12.00	13.00	Leq	57.5	69.0	63.7	54.8	50.9	53.9	49.4	43.2	35.9
005	7-Jul-21	13.00	14.00	Leq	57.4	69.4	64.1	54.8	51.3	51.9	49.7	48.0	35.4
006	7-Jul-21	14.00	15.00	Leq	57.9	69.0	63.2	55.8	53.3	52.6	49.6	48.4	35.8
007	7-Jul-21	15.00	16.00	Leq	55.8	68.3	62.9	54.9	50.7	51.1	47.2	41.6	34.2
008	7-Jul-21	16.00	17.00	Leq	59.7	69.4	65.2	58.8	55.1	55.5	51.2	44.8	36.4
009	7-Jul-21	17.00	18.00	Leq	59.6	68.6	63.6	57.5	56.0	56.1	50.1	42.5	34.9
010	7-Jul-21	18.00	19.00	Leq	56.2	68.1	62.6	55.2	51.0	51.7	47.9	41.3	35.3
011	7-Jul-21	19.00	20.00	Leq	57.1	66.9	62.4	55.7	52.2	52.3	50.1	41.8	32.3
012	7-Jul-21	20.00	21.00	Leq	58.8	66.6	62.5	53.8	49.5	55.3	53.0	42.0	33.9
013	7-Jul-21	21.00	22.00	Leq	60.2	66.2	61.2	53.8	51.0	57.4	53.8	45.1	33.6
014	7-Jul-21	22.00	23.00	Leq	56.5	65.8	61.7	56.6	53.1	50.3	48.1	44.5	42.8
015	7-Jul-21	23.00	0.00	Leq	52.9	64.4	60.3	52.3	47.2	47.6	44.5	38.6	40.7
016	8-Jul-21	0.00	1.00	Leq	52.4	62.6	58.5	49.5	46.2	46.8	45.0	43.7	34.1
017	8-Jul-21	1.00	2.00	Leq	49.6	63.2	57.0	47.8	41.7	44.1	42.5	36.8	37.1
018	8-Jul-21	2.00	3.00	Leq	48.2	60.4	56.1	45.8	40.7	43.4	40.9	33.3	30.4
019	8-Jul-21	3.00	4.00	Leq	48.3	59.6	59.0	45.9	39.6	42.5	40.4	33.7	34.2
020	8-Jul-21	4.00	5.00	Leq	51.0	61.7	57.8	48.7	42.3	47.1	42.9	35.8	39.6
021	8-Jul-21	5.00	6.00	Leq	56.3	65.7	61.2	53.3	49.0	50.8	49.0	46.9	46.1
022	8-Jul-21	6.00	7.00	Leq	56.3	66.9	62.4	54.3	50.2	51.6	49.0	43.5	36.5
023	8-Jul-21	7.00	8.00	Leq	56.6	67.1	61.8	54.4	50.9	52.4	49.3	43.4	36.9
024	8-Jul-21	8.00	9.00	Leq	57.7	68.4	62.0	54.4	51.4	53.7	50.6	44.6	36.0
CNEL					61.6								

Measurement Location R3: Project Site

ID	Date	Start Hour	Finish Hour	Metric	dB(A)	63	125	250	500	1k	2k	4k	8k
001	7-Jul-21	9.00	10.00	Leq	74.9	74.7	69.9	66.7	68.6	72.9	67.0	56.5	46.3
002	7-Jul-21	10.00	11.00	Leq	66.0	75.2	71.3	66.6	62.0	61.6	56.5	49.8	42.2
003	7-Jul-21	11.00	12.00	Leq	66.0	75.2	70.4	66.0	62.6	61.9	56.2	49.2	46.4
004	7-Jul-21	12.00	13.00	Leq	66.5	76.6	71.1	66.5	62.9	62.1	57.1	50.4	44.1
005	7-Jul-21	13.00	14.00	Leq	65.7	75.9	72.0	66.0	62.0	61.1	55.7	49.5	43.6
006	7-Jul-21	14.00	15.00	Leq	66.1	77.5	71.6	66.5	62.5	61.2	56.6	50.8	44.8
007	7-Jul-21	15.00	16.00	Leq	66.5	76.8	71.1	67.5	63.1	61.6	57.1	51.3	45.3
008	7-Jul-21	16.00	17.00	Leq	66.7	77.0	72.0	66.3	62.1	62.4	58.3	51.1	44.3
009	7-Jul-21	17.00	18.00	Leq	69.2	77.6	71.2	66.5	63.6	66.3	60.6	54.8	44.7
010	7-Jul-21	18.00	19.00	Leq	66.3	76.1	71.2	65.8	63.1	61.9	56.7	49.5	43.7
011	7-Jul-21	19.00	20.00	Leq	66.8	75.1	69.8	67.5	64.1	62.4	56.3	50.2	41.7
012	7-Jul-21	20.00	21.00	Leq	64.6	73.2	68.3	64.6	61.1	60.7	55.0	47.3	42.4
013	7-Jul-21	21.00	22.00	Leq	74.9	74.7	69.9	66.7	68.6	72.9	67.0	56.5	46.3
014	7-Jul-21	22.00	23.00	Leq	69.8	73.5	68.8	74.3	66.9	63.6	57.9	48.0	39.2
015	7-Jul-21	23.00	0.00	Leq	64.7	69.3	70.5	67.5	60.9	59.3	54.1	48.4	40.3
016	8-Jul-21	0.00	1.00	Leq	62.7	68.4	65.8	60.8	58.6	57.8	55.0	51.1	47.8
017	8-Jul-21	1.00	2.00	Leq	59.1	70.8	62.8	58.5	56.3	54.9	49.0	43.2	36.9
018	8-Jul-21	2.00	3.00	Leq	58.5	64.9	65.8	56.5	53.9	53.6	50.2	46.2	42.0
019	8-Jul-21	3.00	4.00	Leq	52.5	60.9	57.0	50.1	48.8	49.0	43.0	35.6	27.7
020	8-Jul-21	4.00	5.00	Leq	59.7	69.2	64.5	59.9	56.9	54.9	49.9	43.9	36.7
021	8-Jul-21	5.00	6.00	Leq	61.8	71.3	65.2	62.3	57.5	57.6	53.2	45.2	40.7
022	8-Jul-21	6.00	7.00	Leq	64.4	74.7	68.2	63.6	60.2	60.7	55.1	47.2	40.5
023	8-Jul-21	7.00	8.00	Leq	65.4	73.0	69.4	64.3	61.3	61.8	56.2	48.0	40.6
024	8-Jul-21	8.00	9.00	Leq	66.5	75.6	70.3	66.1	62.7	62.7	56.9	50.1	43.2
CNEL					72.4								

2. Construction Noise Calculations

2.a. On-Site Construction Noise

Project: Cheval Blanc Project EIR

Construction Phase: Phase 1 & 2 Demolition

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	280	5
Excavator	1	81	40%	280	5
Paving Equipment	1	77	50%	300	5
Rubber Tired Loader	1	79	40%	300	5
Tractor/Loader/Backhoe	1	84	40%	325	5
Excavator	1	81	40%	325	5
Paving Equipment	1	77	50%	350	5

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Receptor: **R1**

Results:
1-hour Leq: **66.3**

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Phase 1 & 2 Grading/Excavation

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Bore/Drill Rig	1	84	20%	280	5
Crane	1	81	16%	300	5
Excavator	1	81	40%	300	5
Grader	1	85	40%	320	5
Pumps	1	81	20%	320	5
Rubber Tired Loader	1	79	40%	345	5
Bore/Drill Rig	1	84	20%	345	5
Crane	1	81	16%	370	5
Excavator	1	81	40%	370	5
Pumps	1	81	20%	370	5

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Receptor: *R1*

Results:
1-hour Leq: 65.3

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Phase 1 Garage

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Aerial Lift	1	83	40%	280	5
Crane	1	81	16%	300	5
Tractor/Loader/Backhoe	1	84	40%	300	5
Concrete Pump	1	81	20%	320	5
Rough Terrain Forklift	1	83	40%	320	5
Welders	1	74	40%	345	5
Aerial Lift	1	83	40%	345	5
Crane	1	81	16%	370	5
Tractor/Loader/Backhoe	1	84	40%	370	5
Concrete Pump	1	81	20%	370	5

10

Receptor: **R1**

Results:
1-hour Leq: 66.1

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Phase 2 Garage

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Aerial Lift	1	83	40%	280	5
Crane	1	81	16%	300	5
Tractor/Loader/Backhoe	1	84	40%	300	5
Concrete Pump	1	81	20%	320	5
Rough Terrain Forklift	1	83	40%	320	5
Welders	1	74	40%	345	5
Aerial Lift	1	83	40%	345	5
Crane	1	81	16%	370	5
Tractor/Loader/Backhoe	1	84	40%	370	5
Concrete Pump	1	81	20%	370	5

10

Receptor: *R1*

Results:
1-hour Leq: 66.1

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Phase 2 Building Construction

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	280	5
Crane	1	81	16%	300	5
Fork Lift	1	75	20%	300	5
Generator Set	1	81	50%	320	5
Welders	1	74	40%	320	5
Tractor/Loader/Backhoe	1	84	40%	345	5
Aerial Lift	1	83	40%	345	5
Air Compressor	1	78	40%	370	5
Crane	1	81	16%	370	5
Fork Lift	1	75	20%	370	5
Aerial Lift	1	83	40%	370	5

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Receptor: *R1*

Results:

1-hour Leq: 66.8

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Paving/Landscaping

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Cement and Mortar Mixer	1	80	50%	280	5
Paving Equipment	1	77	50%	300	5
Roller	1	80	20%	300	5
Trencher	1	80	50%	320	5

Receptor: 4
R1

Results:
1-hour Leq: 61.1

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Phase 1 & 2 Demolition

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	525	10
Excavator	1	81	40%	525	10
Paving Equipment	1	77	50%	545	10
Rubber Tired Loader	1	79	40%	545	10
Tractor/Loader/Backhoe	1	84	40%	570	10
Excavator	1	81	40%	570	10
Paving Equipment	1	77	50%	595	10

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Receptor: **R2**

Results:
1-hour Leq: **56.1**

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Phase 1 & 2 Grading/Excavation

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Bore/Drill Rig	1	84	20%	525	10
Crane	1	81	16%	525	10
Excavator	1	81	40%	545	10
Grader	1	85	40%	545	10
Pumps	1	81	20%	570	10
Rubber Tired Loader	1	79	40%	570	10
Bore/Drill Rig	1	84	20%	595	10
Crane	1	81	16%	595	10
Excavator	1	81	40%	620	10
Pumps	1	81	20%	620	10

10

Receptor: **R2**

Results:

1-hour Leq: 55.5

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Phase 1 Garage

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Aerial Lift	1	83	40%	525	10
Crane	1	81	16%	525	10
Tractor/Loader/Backhoe	1	84	40%	545	10
Concrete Pump	1	81	20%	545	10
Rough Terrain Forklift	1	83	40%	570	10
Welders	1	74	40%	570	10
Aerial Lift	1	83	40%	595	10
Crane	1	81	16%	595	10
Tractor/Loader/Backhoe	1	84	40%	620	10
Concrete Pump	1	81	20%	620	10

10

Receptor: **R2**

Results:
1-hour Leq: 56.2

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Phase 2 Garage

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Aerial Lift	1	83	40%	525	10
Crane	1	81	16%	525	10
Tractor/Loader/Backhoe	1	84	40%	545	10
Concrete Pump	1	81	20%	545	10
Rough Terrain Forklift	1	83	40%	570	10
Welders	1	74	40%	570	10
Aerial Lift	1	83	40%	595	10
Crane	1	81	16%	595	10
Tractor/Loader/Backhoe	1	84	40%	620	10
Concrete Pump	1	81	20%	620	10

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Receptor: **R2**

Results:
1-hour Leq: 56.2

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Phase 2 Building Construction

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Concrete Saw	1	90	20%	525	10
Crane	1	81	16%	525	10
Fork Lift	1	75	20%	545	10
Generator Set	1	81	50%	545	10
Welders	1	74	40%	570	10
Tractor/Loader/Backhoe	1	84	40%	570	10
Aerial Lift	1	83	40%	595	10
Air Compressor	1	78	40%	595	10
Crane	1	81	16%	620	10
Fork Lift	1	75	20%	620	10
Aerial Lift	1	83	40%	645	10

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Receptor: **R2**

Results:

1-hour Leq: 56.8

Source for Ref. Noise Levels: FHWA RCNM, 2006

Project: Cheval Blanc Project EIR

Construction Phase: Paving/Landscaping

Equipment

Description	No. of Equip.	Reference Noise Level at 50ft, Lmax	Acoustical Usage Factor	Distance to Receptor, ft	Estimated Noise Shielding, dBA
Cement and Mortar Mixer	1	80	50%	525	10
Paving Equipment	1	77	50%	525	10
Roller	1	80	20%	545	10
Trencher	1	80	50%	545	10

Receptor: 4
R2

Results:
1-hour Leq: 51.0

Source for Ref. Noise Levels: FHWA RCNM, 2006

2.b. Off-Site Construction Noise

Project: Cheval Blanc Project EIR

Off-Site Construction Traffic

Haul Truck Routes

Between 8am and 10pm (hauling between 7pm and 10pm)

Departing Route: South SMB to West Burton, to San Vicente, to La Cienega, to I-10

Arriving Route: I-10, exit at Caddilac, to La Cienega, to San Vicente, to Burton Way, to SMB, to Project Site

Between 10pm and 7:30am (hauling only)

Departing Route: Bevevery Dr to Wilshire, to San Vicente, to La Cienega, to I-10

Arriving Route: I-10, exit at Caddilac, to La Cienega, to Wilshire, to Camden, to South SMB, to Project Site

Off-Site construction traffic noise levels (hourly Leq) are calculated based on the hourly traffic trips, using the FHWA TNM computer model. The calculated hourly Leq noise levels are used to calculate the 24-hour CNEL levels, based on the anticipated construction hours.

TRUCKS	Truck Trips (delivery/haul)		Estimated Project Noise Levels (From TNM Outputs), Leq(hr)							
	Per Day	Per Hour	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega) ¹	Beverly Dr. (PS to Wilshire) ¹	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB) ¹
1. P1 Demolition	60	5	59.4	55.5	57.8	57.8	54.8	55.2	57.8	56.4
2. P1 Grading/Excavation	120	10	62.4	58.5	60.8	60.8	57.8	58.2	60.8	59.4
3. P1 Construction (parking to grade)	100	13	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5
4. P2 Demolition	60	5	59.4	55.5	57.8	57.8	54.8	55.2	57.8	56.4
5. P2 Grading/Excavation	120	10	62.4	58.5	60.8	60.8	57.8	58.2	60.8	59.4
6. P2 Construction (Parking)	100	13	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5
7. P2 Construction (Hotel)	50	7	60.9	56.9	59.3	59.3	56.3	56.7	59.3	57.9
8. P2 Finishes/Arch. Coating	20	3	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
9. P2 Paving/Landscape	20	3	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2

Daytime: P1 Construction, P2 Construction, Finishes/Arch. Coating, and Paving/Landscape

Nighttime: P1 Demo and Grading/Excavation; P2 Demo and Grading/Excavation

Construction Hours: Demo, Grading/Excavation are from 7pm to 7:30am (12.5 hours); Construction, Finishes/Arch. Coating, and Paving/Landscape are from 8am to 3pm (8 hours)

Note: 1 Trucks on Cadillac Ave., Camden Ave., and Beverly Dr. are one-way, i.e., only incoming trucks on Cadillac/Camden and only outgoing trucks on Beverly; therefore, noise levels adjusted by -3 dBA.

WORKERS	Worker Trips		Estimated Project Noise Levels (From TNM Outputs), Leq(hr)							
	Daily Trips	Trips during Pk Hr.	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega) ¹	Beverly Dr. (PS to Wilshire) ¹	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB) ¹
1. P1 Demolition	50	20	55.9	52.0	54.3	54.3	51.3	54.8	54.3	52.9
2. P1 Grading/Excavation	136	55	60.3	56.4	58.6	58.6	55.6	59.1	58.6	57.3
3. P1 Construction (parking to grade)	200	80	61.9	58.0	60.3	60.3	57.3	60.8	60.3	58.9
4. P2 Demolition	50	20	55.9	52.0	54.3	54.3	51.3	54.8	54.3	52.9
5. P2 Grading/Excavation	136	55	60.3	56.4	58.6	58.6	55.6	59.1	58.6	57.3
6. P2 Construction (Parking)	200	80	61.9	58.0	60.3	60.3	57.3	60.8	60.3	58.9
7. P2 Construction (Hotel)	650	260	67.1	63.2	65.4	65.4	62.4	65.9	65.4	64.1
8. P2 Finishes/Arch. Coating	300	120	63.7	59.8	62.1	62.1	59.1	62.5	62.1	60.7
9. P2 Paving/Landscape	50	20	55.9	52.0	54.3	54.3	51.3	54.8	54.3	52.9

Phase	Estimated Project Noise Levels (Trucks and Workers) in CNEL								
	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega) ¹	Beverly Dr. (PS to Wilshire) ¹	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB) ¹	
1. P1 Demolition	55.6	51.7	54.0	54.0	61.0	61.0	63.6	60.6	
2. P1 Grading/Excavation	58.6	54.7	57.0	57.0	64.1	64.0	66.6	63.6	
3. P1 Construction (parking to grade)	59.1	55.2	57.6	57.4	54.5	55.3	57.6	54.5	
4. P2 Demolition	55.6	51.7	54.0	54.0	61.0	61.0	63.6	60.6	
5. P2 Grading/Excavation	58.6	54.7	57.0	57.0	64.1	64.0	66.6	63.6	
6. P2 Construction (Parking)	59.1	55.2	57.6	57.4	54.5	55.3	57.6	54.5	
7. P2 Construction (Hotel)	58.0	54.0	56.3	55.5	53.3	55.0	56.3	53.3	
8. P2 Finishes/Arch. Coating	54.4	50.5	52.8	51.9	49.8	51.5	52.8	49.7	
9. P2 Paving/Landscape	52.8	48.9	51.2	51.0	48.2	49.0	51.2	48.2	
	Ambient, CNEL	72.7	64.8	69.4	66.3	72.7	74.7	65.6	
	Threshold, CNEL	73.7	66.8	70.4	70.4	73.7	75.7	66.6	

Phase	Project + Ambient, CNEL								
	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega) ¹	Beverly Dr. (PS to Wilshire) ¹	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB) ¹	
1. P1 Demolition	72.8	65.0	69.5	70.5	67.4	73.0	75.0	66.8	
2. P1 Grading/Excavation	72.9	65.2	69.6	71.4	68.3	73.2	75.3	67.7	
3. P1 Construction (parking to grade)	72.9	65.3	69.7	69.7	66.6	72.8	74.8	65.9	
4. P2 Demolition	72.8	65.0	69.5	70.5	67.4	73.0	75.0	66.8	
5. P2 Grading/Excavation	72.9	65.2	69.6	71.4	68.3	73.2	75.3	67.7	
6. P2 Construction (Parking)	72.9	65.3	69.7	69.7	66.6	72.8	74.8	65.9	
7. P2 Construction (Hotel)	72.8	65.1	69.6	69.6	66.5	72.8	74.8	65.8	
8. P2 Finishes/Arch. Coating	72.8	65.0	69.5	69.5	66.4	72.7	74.7	65.7	
9. P2 Paving/Landscape	72.7	64.9	69.5	69.5	66.4	72.7	74.7	65.7	

Phase	Estimated Noise Increase, CNEL							
	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega) ¹	Beverly Dr. (PS to Wilshire) ¹	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB) ¹
1. P1 Demolition	0.1	0.2	0.1	1.1	1.1	0.3	0.3	1.2
2. P1 Grading/Excavation	0.2	0.4	0.2	2.0	2.0	0.5	0.6	2.1
3. P1 Construction (parking to grade)	0.2	0.5	0.3	0.3	0.3	0.1	0.1	0.3
4. P2 Demolition	0.1	0.2	0.1	1.1	1.1	0.3	0.3	1.2
5. P2 Grading/Excavation	0.2	0.4	0.2	2.0	2.0	0.5	0.6	2.1
6. P2 Construction (Parking)	0.2	0.5	0.3	0.3	0.3	0.1	0.1	0.3
7. P2 Construction (Hotel)	0.1	0.3	0.2	0.2	0.2	0.1	0.1	0.2
8. P2 Finishes/Arch. Coating	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.1
9. P2 Paving/Landscape	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1
Maximum Increase, dBA (CNEL)	0.2	0.5	0.3	2.0	2.0	0.5	0.6	2.1

Phase	Estimated Noise Levels (due to Trucks) in CNEL							
	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega) ¹	Beverly Dr. (PS to Wilshire) ¹	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB) ¹
1. P1 Demolition	42.1	38.2	40.5	37.5	37.5	41.0	40.5	37.5
2. P1 Grading/Excavation	46.5	42.6	44.8	41.8	41.8	45.3	44.8	41.8
3. P1 Construction (parking to grade)	48.1	44.2	46.5	43.5	43.5	47.0	46.5	43.5
4. P2 Demolition	42.1	38.2	40.5	37.5	37.5	41.0	40.5	37.5
5. P2 Grading/Excavation	46.5	42.6	44.8	41.8	41.8	45.3	44.8	41.8
6. P2 Construction (Parking)	48.1	44.2	46.5	43.5	43.5	47.0	46.5	43.5
7. P2 Construction (Hotel)	53.3	49.4	51.6	48.6	48.6	52.1	51.6	48.6
8. P2 Finishes/Arch. Coating	49.9	46.0	48.3	45.3	45.3	48.7	48.3	45.3
9. P2 Paving/Landscape	42.1	38.2	40.5	37.5	37.5	41.0	40.5	37.5

Phase	Estimated Noise Levels (due to Workers) in CNEL							
	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega) ¹	Beverly Dr. (PS to Wilshire) ¹	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB) ¹
1. P1 Demolition	55.4	51.5	53.8	64.0	61.0	61.0	63.6	60.6
2. P1 Grading/Excavation	58.4	54.5	56.8	67.0	64.0	64.0	66.6	63.6
3. P1 Construction (parking to grade)	58.7	54.8	57.2	57.2	54.2	54.6	57.2	54.2
4. P2 Demolition	55.4	51.5	53.8	64.0	61.0	61.0	63.6	60.6
5. P2 Grading/Excavation	58.4	54.5	56.8	67.0	64.0	64.0	66.6	63.6
6. P2 Construction (Parking)	58.7	54.8	57.2	57.2	54.2	54.6	57.2	54.2
7. P2 Construction (Hotel)	56.1	52.1	54.5	54.5	51.5	51.9	54.5	51.5
8. P2 Finishes/Arch. Coating	52.4	48.5	50.8	50.8	47.8	48.2	50.8	47.8
9. P2 Paving/Landscape	52.4	48.5	50.8	50.8	47.8	48.2	50.8	47.8

Truk Noise Analysis for Haul Route Segments within the City of Los Angeles

Nighttime Hauling

Phase	Truck Trips		Estimated Project Noise Levels (From TNM Outputs), Leq(hr)			
	Per Day	Per Hour	Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I- 10)	Cadillac (I-10 to La Cienega)
1. P1 Demolition	60	5	55.5	57.8	57.8	54.8
2. P1 Grading/Excavation	120	10	58.5	60.8	60.8	57.8
4. P2 Demolition	60	5	59.6	62.0	62.0	58.9
5. P2 Grading/Excavation	120	10	55.5	57.8	57.8	54.8
	Daytime Ambient, dBA Leq		61.1	65.0	65.0	61.1
	Threshold, dBA Leq		66.1	70.0	70.0	66.1

Phase	Estimated Project + Ambient Noise Levels, Leq(hr)			
	Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I- 10)	Cadillac (I-10 to La Cienega)
1. P1 Demolition	62.2	65.8	65.8	62.0
2. P1 Grading/Excavation	63.0	66.4	66.4	62.8
4. P2 Demolition	63.4	66.8	66.8	63.2
5. P2 Grading/Excavation	62.2	65.8	65.8	62.0

Phase	Estimated Noise Increase, Leq(hr)			
	Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I- 10)	Cadillac (I-10 to La Cienega)
1. P1 Demolition	1.1	0.8	0.8	0.9
2. P1 Grading/Excavation	1.9	1.4	1.4	1.7
4. P2 Demolition	2.3	1.8	1.8	2.1
5. P2 Grading/Excavation	1.1	0.8	0.8	0.9
Maximum Increase, dBA (Leq)	2.3	1.8	1.8	2.1

Daytime Construction

TRUCKS			Estimated Project Noise Levels (From TNM Outputs), Leq(hr)			
Phase	Truck Trips		Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I-10)	Cadillac (I-10 to La Cienega)
	Per Day	Per Hour				
3. P1 Construction (parking to grade)	100	13	59.6	62.0	62.0	58.9
6. P2 Construction (Parking)	100	13	59.6	62.0	62.0	58.9
7. P2 Construction (Hotel)	50	7	56.9	59.3	59.3	56.3
8. P2 Finishes/Arch. Coating	20	3	53.3	55.6	55.6	52.6
9. P2 Paving/Landscape	20	3	53.3	55.6	55.6	52.6
Daytime Ambient, dBA Leq			64.8	68.3	68.3	64.8
Threshold, dBA Leq			69.8	73.3	73.3	69.8

TRUCKS			Estimated Project + Ambient Noise Levels, Leq(hr)			
Phase			Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I-10)	Cadillac (I-10 to La Cienega)
	3. P1 Construction (parking to grade)			65.9	69.2	69.2
6. P2 Construction (Parking)			65.9	69.2	69.2	65.8
7. P2 Construction (Hotel)			65.5	68.8	68.8	65.4
8. P2 Finishes/Arch. Coating			65.1	68.5	68.5	65.1
9. P2 Paving/Landscape			65.1	68.5	68.5	65.1

TRUCKS			Estimated Noise Increase, Leq(hr)			
Phase			Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I-10)	Cadillac (I-10 to La Cienega)
	3. P1 Construction (parking to grade)			1.1	0.9	0.9
6. P2 Construction (Parking)			1.1	0.9	0.9	1.0
7. P2 Construction (Hotel)			0.7	0.5	0.5	0.6
8. P2 Finishes/Arch. Coating			0.3	0.2	0.2	0.3
9. P2 Paving/Landscape			0.3	0.2	0.2	0.3
Maximum Increase, dBA (Leq)			1.1	0.9	0.9	1.0

CNEL Calculations

1. P1 Demolition

CNEL Calculations from the Hourly Leg

Time	South SMB (Camden to Burton)	Burton / San Vicente		La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
		(South SMB to La Cienega)	(San Vicente to La Cienega)						
0:00	0.0	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4
1:00	0.0	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4
2:00	0.0	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4
3:00	0.0	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4
4:00	0.0	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4
5:00	0.0	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4
6:00	0.0	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4
7:00	0.0	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4
8:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19:00	59.4	55.5	57.8	57.8	54.8	54.8	0.0	0.0	0.0
20:00	59.4	55.5	57.8	57.8	54.8	54.8	0.0	0.0	0.0
21:00	59.4	55.5	57.8	57.8	54.8	54.8	0.0	0.0	0.0
22:00	0.0	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4
23:00	0.0	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4
24-Hour CNEL	55.4	51.5	53.8	64.0	61.0	61.0	63.6	60.6	

2. P1 Grading/Excavation

CNEL Calculations from the Hourly Leg

Time	South SMB (Camden to Burton)	Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
1:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4
2:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4
3:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4
4:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4
5:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4
6:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4
7:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4
8:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19:00	62.4	58.5	60.8	60.8	57.8	57.8	0.0	0.0
20:00	62.4	58.5	60.8	60.8	57.8	57.8	0.0	0.0
21:00	62.4	58.5	60.8	60.8	57.8	57.8	0.0	0.0
22:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4
23:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4
24-Hour CNEL	58.4	54.5	56.8	67.0	64.0	64.0	66.6	63.6

3. P1 Construction (parking to grade)

CNEL Calculations from the Hourly Leg

Time	South SMB (Camden to Burton)	Burton / San Vicente		La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
		(South SMB to La Cienega)	(San Vicente to La Cienega)						
0:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	60.5
9:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	60.5
10:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	60.5
11:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	60.5
12:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	60.5
13:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	60.5
14:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	60.5
15:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	60.5
16:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-Hour CNEL	58.7	54.8	57.2	57.2	54.2	54.6	57.2	54.2	

4. P2 Demolition

CNEL Calculations from the Hourly Leq									
Time	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1	
0:00	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4	
1:00	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4	
2:00	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4	
3:00	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4	
4:00	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4	
5:00	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4	
6:00	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4	
7:00	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4	
8:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19:00	59.4	55.5	57.8	57.8	54.8	0.0	0.0	0.0	
20:00	59.4	55.5	57.8	57.8	54.8	0.0	0.0	0.0	
21:00	59.4	55.5	57.8	57.8	54.8	0.0	0.0	0.0	
22:00	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4	
23:00	0.0	0.0	0.0	57.8	54.8	55.2	57.8	56.4	
24-Hour CNEL	55.4	51.5	53.8	64.0	61.0	61.0	63.6	60.6	

5. P2 Grading/Excavation

CNEL Calculations from the Hourly Leq									
Time	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1	
0:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4	
1:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4	
2:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4	
3:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4	
4:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4	
5:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4	
6:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4	
7:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4	
8:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19:00	62.4	58.5	60.8	60.8	57.8	0.0	0.0	0.0	
20:00	62.4	58.5	60.8	60.8	57.8	0.0	0.0	0.0	
21:00	62.4	58.5	60.8	60.8	57.8	0.0	0.0	0.0	
22:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4	
23:00	0.0	0.0	0.0	60.8	57.8	58.2	60.8	59.4	
24-Hour CNEL	58.4	54.5	56.8	67.0	64.0	64.0	66.6	63.6	

6. P2 Construction (Parking)

CNEL Calculations from the Hourly Leq									
Time	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1	
0:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	
9:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	
10:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	
11:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	
12:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	
13:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	
14:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	
15:00	63.5	59.6	62.0	62.0	58.9	59.4	62.0	60.5	
16:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24-Hour CNEL	58.7	54.8	57.2	57.2	54.2	54.6	57.2	54.2	

7. P2 Construction (Hotel)

CNEL Calculations from the Hourly Leq								
Time	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
0:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00	60.9	56.9	59.3	59.3	56.3	56.7	59.3	57.9
9:00	60.9	56.9	59.3	59.3	56.3	56.7	59.3	57.9
10:00	60.9	56.9	59.3	59.3	56.3	56.7	59.3	57.9
11:00	60.9	56.9	59.3	59.3	56.3	56.7	59.3	57.9
12:00	60.9	56.9	59.3	59.3	56.3	56.7	59.3	57.9
13:00	60.9	56.9	59.3	59.3	56.3	56.7	59.3	57.9
14:00	60.9	56.9	59.3	59.3	56.3	56.7	59.3	57.9
15:00	60.9	56.9	59.3	59.3	56.3	56.7	59.3	57.9
16:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-Hour CNEL	56.1	52.1	54.5	54.5	51.5	51.9	54.5	51.5

8. P2 Finishes/Arch. Coating

CNEL Calculations from the Hourly Leq								
Time	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
0:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
9:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
10:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
11:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
12:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
13:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
14:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
15:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
16:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-Hour CNEL	52.4	48.5	50.8	50.8	47.8	48.2	50.8	47.8

9. P2 Paving/Landscape

CNEL Calculations from the Hourly Leq								
Time	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
0:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
9:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
10:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
11:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
12:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
13:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
14:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
15:00	57.2	53.3	55.6	55.6	52.6	53.0	55.6	54.2
16:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-Hour CNEL	52.4	48.5	50.8	50.8	47.8	48.2	50.8	47.8

2.b.i. TNM Noise Computer Model Inputs and Outputs

TNM Computer Noise Model calculates the off-site construction traffic (truck and worker trips) in terms of Leq.

The calculated Leq noise levels are used to calculate the 24-hour CNEL levels, as provided in the worksheets above (section 2.b).

Construction Truck Trips

To calculate noise from off-site construction traffic, a distance of 1,000 feet is utilized for each roadway segment. The starting point of the 1,000-foot roadway segment (at 0 feet) is identified in the following TNM Computer Model results as “starting point” while the end point (at 1,000 feet) is identified as “end point”.

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental												
Sean Bui												
						10 September 2021						
						TNM 2.5						

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
South Santa Monica Blvd.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
South Santa Monica Blvd.		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021					
Sean Bui							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 1 Demo										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated LAeq1h	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB	1	1	0.0	59.4	71	59.4	5	----	59.4	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Camden Dr.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				Autos									
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden Dr.		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden Dr.	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction			Calculated minus Goal
										Calculated	Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Camden Dr.	1	1	0.0	59.4	71	59.4	5	----	59.4	0.0	0	0.0	
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental					10 September 2021				
Sean Bui					TNM 2.5				

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project

RUN: Phase 1 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
La Cienega Blvd.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega Blvd.		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega Blvd.		1	1	0.0	57.8	71	57.8	5	----	57.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points				Flow Control			Segment	
Name	Width	Name	No.	Coordinates (pavement)			Control	Speed	Percent	Pvmt
				X	Y	Z	Device	Constraint	Vehicles	On
									Affected	Struct?
	ft			ft	ft	ft		mph	%	
Cadillac Ave.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average
		End Point	2	1,000.0	0.0	0.00				

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac Ave.		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac Ave.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction			Calculated minus Goal
										Calculated	Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Cadillac Ave.	1	1	0.0	57.8	71	57.8	5	----	57.8	0.0	0	0.0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental Sean Bui						10 September 2021 TNM 2.5					
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INPUT: ROADWAYS											
PROJECT/CONTRACT:	Cheval Blanc Project						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA				
RUN:	Phase 1 Demo										

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Wilshire Blvd.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021													
Sean Bui		TNM 2.5													
INPUT: TRAFFIC FOR LAeq1h Volumes															
PROJECT/CONTRACT:		Cheval Blanc Project													
RUN:		Phase 1 Demo													
Roadway		Points													
Name		Name	No.	Segment											
				Autos		MTrucks		HTrucks		Buses		Motorcycles			
				V	S	V	S	V	S	V	S	V	S		
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph		
Wilshire Blvd.		Starting Point	1	0	0	0	0	5	35	0	0	0	0		
		End Point	2												

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier				
									Calculated LAeq1h	Noise Reduction Calculated		Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Wilshire Blvd.	1	1	0.0	57.8	71	57.8	5	----	57.8	0.0	0	0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Burton Way	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton Way		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton Way	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton Way		1	1	0.0	55.5	71	55.5	5	----	55.5	0.0	0	0.0
Dwelling Units		# DUs		Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Beverly Dr.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				Autos									
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly Dr.		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly Dr.	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction			Calculated minus Goal
										Calculated	Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Beverly Dr.	1	1	0.0	58.2	71	58.2	5	----	58.2	0.0	0	0.0	
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental														
Sean Bui														

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control		Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
South Santa Monica Blvd.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
South Santa Monica Blvd.		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021					
Sean Bui							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 1 Grading										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated LAeq1h	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB	1	1	0.0	62.4	71	62.4	5	----	62.4	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental				10 September 2021							
Sean Bui				TNM 2.5							
INPUT: ROADWAYS								Average pavement type shall be used unless			
PROJECT/CONTRACT:				Cheval Blanc Project				a State highway agency substantiates the use			
RUN:				Phase 1 Grading				of a different type with the approval of FHWA			
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)			Flow Control		Segment		
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
Camden Dr.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden Dr.		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z		above	Existing	Impact Criteria		
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	in
			ft	ft	ft	ft	dBA	dBA	dB	dB	Calc.
Camden Dr.	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						10 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Phase 1 Grading									
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
										Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden Dr.	1	1	0.0	62.4	71	62.4	5	----	62.4	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
La Cienega Blvd.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega Blvd.		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier				
									Calculated LAeq1h	Noise Reduction		Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
La Cienega Blvd.	1	1	0.0	60.8	71	60.8	5	----	60.8	0.0	0	0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Cadillac Ave.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac Ave.		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac Ave.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						10 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Phase 1 Grading									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal Calculated minus Goal		
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac Ave.	1	1	0.0	60.8	71	60.8	5	----	60.8	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min dB	Avg dB	Max dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental						10 September 2021					
Sean Bui						TNM 2.5					

INPUT: ROADWAYS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA					
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									

Roadway	Width	Points	No.	Coordinates (pavement)			Flow Control			Segment	
Name		Name		X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Affected	Type	Struct?
	ft			ft	ft	ft		mph	%		
Wilshire Blvd.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire Blvd.		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						10 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Grading										
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.							
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire Blvd.		1	1	0.0	60.8	71	60.8	5	----	60.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental												
Sean Bui												

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control		Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Burton Way	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton Way		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton Way	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton Way		1	1	0.0	58.5	71	58.5	5	----	58.5	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Beverly Dr.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021													
Sean Bui		TNM 2.5													
INPUT: TRAFFIC FOR LAeq1h Volumes															
PROJECT/CONTRACT:		Cheval Blanc Project													
RUN:		Phase 1 Grading													
Roadway		Points													
Name		Name		No.		Segment									
						Autos		MTrucks		HTrucks		Buses		Motorcycles	
						V S		V S		V S		V S		V S	
						veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph	
Beverly Dr.		Starting Point		1		0 0		0 0		10 35		0 0		0 0	
		End Point		2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly Dr.	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly Dr.		1	1	0.0	61.2	71	61.2	5	----	61.2	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
South Santa Monica Blvd.		Starting Point	1	0	0	0	0	13	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	63.5	71	63.5	5	----	63.5	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Camden Dr.		Starting Point	1	0	0	0	0	13	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden Dr.	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden Dr.		1	1	0.0	63.5	71	63.5	5	----	63.5	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
La Cienega Blvd.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V		S		V		S	
						veh/hr		mph		veh/hr		mph	
						veh/hr		mph		veh/hr		mph	
La Cienega Blvd.		Starting Point		1		0		0		13		35	
		End Point		2									

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega Blvd.		1	1	0.0	62.0	71	62.0	5	----	62.0	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac Ave.		Starting Point	1	0	0	0	0	13	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac Ave.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac Ave.		1	1	0.0	62.0	71	62.0	5	----	62.0	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V		S		V		S	
						veh/hr		mph		veh/hr		mph	
						veh/hr		mph		veh/hr		mph	
Wilshire Blvd.		Starting Point		1		0		0		13		35	
		End Point		2									

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021							
Sean Bui							TNM 2.5							
							Calculated with TNM 2.5							
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Cheval Blanc Project											
RUN:			Phase 1 Construction											
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier				
									Calculated LAeq1h	Noise Reduction Calculated		Goal	Calculated minus Goal	
				dB	dB	dB	dB	dB	dB	dB	dB	dB	dB	
Wilshire Blvd.		1	1	0.0	62.0	71	62.0	5	----	62.0	0.0	0	0.0	
Dwelling Units			# DUs	Noise Reduction										
				Min	Avg	Max								
				dB	dB	dB								
All Selected			1	0.0	0.0	0.0								
All Impacted			0	0.0	0.0	0.0								
All that meet NR Goal			1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental					10 September 2021					
Sean Bui					TNM 2.5					

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
 RUN: Phase 1 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Burton Way	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V		S		V		S	
						veh/hr		mph		veh/hr		mph	
						veh/hr		mph		veh/hr		mph	
Burton Way		Starting Point		1		0		0		13		35	
		End Point		2									

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton Way	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton Way		1	1	0.0	59.6	71	59.6	5	----	59.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental						10 September 2021					
Sean Bui						TNM 2.5					

INPUT: ROADWAYS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA					
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Beverly Dr.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly Dr.		Starting Point	1	0	0	0	0	13	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly Dr.	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021					
Sean Bui							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 1 Construction										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly Dr.	1	1	0.0	62.4	71	62.4	5	----	62.4	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				Autos									
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
South Santa Monica Blvd.		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021					
Sean Bui							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 2 Demo										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated LAeq1h	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB	1	1	0.0	59.4	71	59.4	5	----	59.4	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021													
Sean Bui		TNM 2.5													
INPUT: TRAFFIC FOR LAeq1h Volumes															
PROJECT/CONTRACT:		Cheval Blanc Project													
RUN:		Phase 2 Demo													
Roadway		Points													
Name		Name	No.	Segment											
				Autos		MTrucks		HTrucks		Buses		Motorcycles			
				V	S	V	S	V	S	V	S	V	S		
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph		
Camden Dr.		Starting Point	1	0	0	0	0	5	35	0	0	0	0		
		End Point	2												

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden Dr.	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021					
Sean Bui							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 2 Demo										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated LAeq1h	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden Dr.	1	1	0.0	59.4	71	59.4	5	----	59.4	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
La Cienega Blvd.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021													
Sean Bui		TNM 2.5													
INPUT: TRAFFIC FOR LAeq1h Volumes															
PROJECT/CONTRACT:		Cheval Blanc Project													
RUN:		Phase 2 Demo													
Roadway		Points													
Name		Name	No.	Segment				MTrucks		HTrucks		Buses		Motorcycles	
				Autos											
				V	S	V	S	V	S	V	S	V	S		
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph		
La Cienega Blvd.		Starting Point	1	0	0	0	0	5	35	0	0	0	0		
		End Point	2												

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021					
Sean Bui							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 2 Demo										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated LAeq1h	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega Blvd.	1	1	0.0	57.8	71	57.8	5	----	57.8	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Cadillac Ave.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				Autos									
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac Ave.		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac Ave.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021					
Sean Bui							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 2 Demo										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated LAeq1h	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac Ave.	1	1	0.0	57.8	71	57.8	5	----	57.8	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental						10 September 2021					
Sean Bui						TNM 2.5					
INPUT: ROADWAYS						Average pavement type shall be used unless					
PROJECT/CONTRACT: Cheval Blanc Project						a State highway agency substantiates the use					
RUN: Phase 2 Demo						of a different type with the approval of FHWA					
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)		Flow Control			Segment		
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
Wilshire Blvd.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				Autos		V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire Blvd.		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction			
										Calculated	Goal	Calculated minus Goal	
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Wilshire Blvd.	1	1	0.0	57.8	71	57.8	5	----	57.8	0.0	0	0.0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental				10 September 2021
Sean Bui				TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
 RUN: Phase 2 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points		Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Burton Way	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				Autos		V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton Way		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton Way	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton Way		1	1	0.0	55.5	71	55.5	5	----	55.5	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Beverly Dr.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				Autos		V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly Dr.		Starting Point	1	0	0	0	0	5	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly Dr.	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly Dr.		1	1	0.0	58.2	71	58.2	5	----	58.2	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental					10 September 2021					
Sean Bui					TNM 2.5					

INPUT: ROADWAYS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA					
PROJECT/CONTRACT:	Cheval Blanc Project									
RUN:	Phase 2 Grading									

Roadway Name	Width	Points			Coordinates (pavement)			Flow Control			Segment	
		Name	No.		X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft				ft	ft	ft		mph	%		
South Santa Monica Blvd.	12.0	Starting Pt	1		0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2		1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:	Cheval Blanc Project												
RUN:	Phase 2 Grading												
Roadway	Points												
Name	Name	No.	Segment										
			Autos		MTrucks		HTrucks		Buses		Motorcycles		
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
South Santa Monica Blvd.	Starting Point	1	0	0	0	0	10	35	0	0	0	0	
	End Point	2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	62.4	71	62.4	5	----	62.4	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden Dr.		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden Dr.	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden Dr.		1	1	0.0	62.4	71	62.4	5	----	62.4	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega Blvd.		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega Blvd.		1	1	0.0	60.8	71	60.8	5	----	60.8	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental																					
Sean Bui																					
INPUT: ROADWAYS																					
PROJECT/CONTRACT:		Cheval Blanc Project																			
RUN:		Phase 2 Grading																			
Roadway		Points																			
Name	Width	Name	No.	Coordinates (pavement)				Flow Control						Segment							
				X	Y	Z	Control	Speed	Percent	Pvmt	On										
							Device	Constraint	Vehicles	Type	Struct?										
									Affected												
	ft			ft	ft	ft		mph	%												
Cadillac Ave.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average											
		End Point	2	1,000.0	0.0	0.00															

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac Ave.		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac Ave.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						10 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac Ave.		1	1	0.0	60.8	71	60.8	5	----	60.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Wilshire Blvd.		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire Blvd.		1	1	0.0	60.8	71	60.8	5	----	60.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental					10 September 2021						
Sean Bui					TNM 2.5						

INPUT: ROADWAYS											
PROJECT/CONTRACT:	Cheval Blanc Project										Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA
RUN:	Phase 2 Grading										

Roadway		Points				Flow Control					Segment
Name	Width	Name	No.	Coordinates (pavement)			Control	Speed	Percent	Pvmt	On
				X	Y	Z	Device	Constraint	Vehicles	Type	Struct?
	ft			ft	ft	ft		mph	Affected		
									%		
Burton Way	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton Way		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton Way	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton Way		1	1	0.0	58.5	71	58.5	5	----	58.5	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Beverly Dr.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly Dr.		Starting Point	1	0	0	0	0	10	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly Dr.	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly Dr.		1	1	0.0	61.2	71	61.2	5	----	61.2	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental												
Sean Bui												

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
South Santa Monica Blvd.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
South Santa Monica Blvd.		Starting Point	1	0	0	0	0	13	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							10 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	63.5	71	63.5	5	----	63.5	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Camden Dr.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden Dr.		Starting Point	1	0	0	0	0	13	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden Dr.	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						10 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden Dr.		1	1	0.0	63.5	71	63.5	5	----	63.5	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

10 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
La Cienega Blvd.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		10 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			mph		veh/hr		mph		veh/hr		mph		
La Cienega Blvd.		Starting Point	1	0	0	0	0	13	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							10 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							10 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega Blvd.		1	1	0.0	62.0	71	62.0	5	----	62.0	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V		S		V		S	
						veh/hr		mph		veh/hr		mph	
Cadillac Ave.		Starting Point		1		0		0		13		35	
		End Point		2									

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac Ave.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac Ave.		1	1	0.0	62.0	71	62.0	5	----	62.0	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire Blvd.		Starting Point	1	0	0	0	0	13	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBa	dBa	dB	dB	
Wilshire Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire Blvd.		1	1	0.0	62.0	71	62.0	5	----	62.0	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS**Cheval Blanc Project**

Eyestone Environmental											
Sean Bui											

11 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project

RUN: Phase 2 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Burton Way	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton Way		Starting Point	1	0	0	0	0	13	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton Way	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton Way		1	1	0.0	59.6	71	59.6	5	----	59.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly Dr.		Starting Point	1	0	0	0	0	13	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBa	dBa	dB	dB	
Beverly Dr.	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						11 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly Dr.		1	1	0.0	62.4	71	62.4	5	----	62.4	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental														
Sean Bui														
INPUT: ROADWAYS									Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA					
PROJECT/CONTRACT:		Cheval Blanc Project												
RUN:		Phase 2 Construction Hotel												
Roadway		Points			Coordinates (pavement)			Flow Control			Segment			
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?			
	ft			ft	ft	ft		mph	%					
South Santa Monica Blvd.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average				
		End Point	2	1,000.0	0.0	0.00								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction Hotel											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			mph		veh/hr		mph		veh/hr		mph		
South Santa Monica Blvd.		Starting Point	1	0	0	0	0	7	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction Hotel									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z		above	Existing	Impact Criteria		
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	in
			ft	ft	ft	ft	dBA	dBA	dB	dB	Calc.
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction Hotel											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	60.9	71	60.9	5	----	60.9	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction Hotel											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden Dr.		Starting Point	1	0	0	0	0	7	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction Hotel									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden Dr.	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction Hotel											
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden Dr.		1	1	0.0	60.9	71	60.9	5	----	60.9	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction Hotel											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
La Cienega Blvd.		Starting Point	1	0	0	0	0	7	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction Hotel									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction Hotel											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega Blvd.		1	1	0.0	59.3	71	59.3	5	----	59.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

11 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Construction Hotel

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points				Flow Control			Segment		
Name	Width	Name	No.	Coordinates (pavement)			Control	Speed	Percent	Pvmt	On
				X	Y	Z	Device	Constraint	Vehicles	Type	Struct?
	ft			ft	ft	ft		mph	%		
Cadillac Ave.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction Hotel											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac Ave.		Starting Point	1	0	0	0	0	7	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction Hotel									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac Ave.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						11 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction Hotel										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac Ave.		1	1	0.0	59.3	71	59.3	5	----	59.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental					11 September 2021									
Sean Bui					TNM 2.5									
INPUT: ROADWAYS										Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA				
PROJECT/CONTRACT:					Cheval Blanc Project									
RUN:					Phase 2 Construction Hotel									
Roadway			Points											
Name	Width	Name	No.	Coordinates (pavement)			Flow Control			Segment				
				X	Y	Z	Control	Speed	Percent	Pvmt	On			
							Device	Constraint	Vehicles	Type	Struct?			
									Affected					
	ft			ft	ft	ft		mph	%					
Wilshire Blvd.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average				
		End Point	2	1,000.0	0.0	0.00								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction Hotel											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire Blvd.		Starting Point	1	0	0	0	0	7	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction Hotel									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						11 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction Hotel										
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.							
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire Blvd.		1	1	0.0	59.3	71	59.3	5	----	59.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

11 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Construction Hotel

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Burton Way	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021													
Sean Bui		TNM 2.5													
INPUT: TRAFFIC FOR LAeq1h Volumes															
PROJECT/CONTRACT:		Cheval Blanc Project													
RUN:		Phase 2 Construction Hotel													
Roadway		Points													
Name		Name	No.	Segment				MTrucks		HTrucks		Buses		Motorcycles	
				Autos											
				V	S	V	S	V	S	V	S	V	S		
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph		
Burton Way		Starting Point	1	0	0	0	0	7	35	0	0	0	0		
		End Point	2												

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction Hotel									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton Way	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction Hotel										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton Way		1	1	0.0	56.9	71	56.9	5	----	56.9	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction Hotel											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly Dr.		Starting Point	1	0	0	0	0	7	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction Hotel									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly Dr.	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021					
Sean Bui							TNM 2.5					
							Calculated with TNM 2.5					
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 2 Construction Hotel										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated LAeq1h	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly Dr.	1	1	0.0	59.7	71	59.7	5	----	59.7	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											
INPUT: ROADWAYS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
										Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA	
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)		Flow Control				Segment	
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
South Santa Monica Blvd.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V		S		V		S	
						veh/hr		mph		veh/hr		mph	
						veh/hr		mph		veh/hr		mph	
South Santa Monica Blvd.		Starting Point		1		0		0		0		0	
		End Point		2									

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dB	dB	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						11 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	57.2	71	57.2	5	----	57.2	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

11 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Finishes

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control		Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Camden Dr.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden Dr.		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden Dr.	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						11 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 2 Finishes										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated LAeq1h	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden Dr.	1	1	0.0	57.2	71	57.2	5	----	57.2	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

11 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Finishes

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
La Cienega Blvd.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V S		V S		V S		V S	
						veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph	
La Cienega Blvd.		Starting Point		1		0 0		0 0		3 35		0 0	
		End Point		2									

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega Blvd.		1	1	0.0	55.6	71	55.6	5	----	55.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental Sean Bui					11 September 2021 TNM 2.5							
INPUT: ROADWAYS										Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA		
PROJECT/CONTRACT: Cheval Blanc Project												
RUN: Phase 2 Finishes												
Roadway		Points										
Name	Width	Name	No.	Coordinates (pavement)			Flow Control			Segment		
				X	Y	Z	Control	Speed	Percent	Pvmt	On	
							Device	Constraint	Vehicles	Type	Struct?	
									Affected			
	ft			ft	ft	ft		mph	%			
Cadillac Ave.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac Ave.		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac Ave.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						11 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Phase 2 Finishes									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal Calculated minus Goal		
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac Ave.	1	1	0.0	55.6	71	55.6	5	----	55.6	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min dB	Avg dB	Max dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

11 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Finishes

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Wilshire Blvd.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V S		V S		V S		V S	
						veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph	
Wilshire Blvd.		Starting Point		1		0 0		0 0		3 35		0 0	
		End Point		2									

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier				
									Calculated LAeq1h	Noise Reduction		Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Wilshire Blvd.	1	1	0.0	55.6	71	55.6	5	----	55.6	0.0	0	0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental					11 September 2021					
Sean Bui					TNM 2.5					

INPUT: ROADWAYS										
PROJECT/CONTRACT:	Cheval Blanc Project				Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA					
RUN:	Phase 2 Finishes									

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Burton Way	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton Way		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton Way	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton Way		1	1	0.0	53.2	71	53.2	5	----	53.2	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly Dr.		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly Dr.	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly Dr.		1	1	0.0	56.0	71	56.0	5	----	56.0	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
South Santa Monica Blvd.		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						11 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Phase 2 Paving									
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB	1	1	0.0	57.2	71	57.2	5	----	57.2	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental												
Sean Bui												

11 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Paving

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Camden Dr.	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden Dr.		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden Dr.	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						11 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 2 Paving										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated LAeq1h	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden Dr.	1	1	0.0	57.2	71	57.2	5	----	57.2	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

11 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Paving

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
La Cienega Blvd.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
La Cienega Blvd.		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z		above	Existing	Impact Criteria		
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	in
			ft	ft	ft	ft	dBA	dBA	dB	dB	Calc.
La Cienega Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Paving										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega Blvd.		1	1	0.0	55.6	71	55.6	5	----	55.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental					11 September 2021						
Sean Bui					TNM 2.5						
INPUT: ROADWAYS										Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA	
PROJECT/CONTRACT:					Cheval Blanc Project						
RUN:					Phase 2 Paving						
Roadway		Points									
Name	Width	Name	No.	Coordinates (pavement)			Flow Control		Segment		
				X	Y	Z	Control	Speed	Percent	Pvmt	On
							Device	Constraint	Vehicles	Type	Struct?
									Affected		
	ft			ft	ft	ft		mph	%		
Cadillac Ave.	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac Ave.		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac Ave.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						11 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Paving										
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.							
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac Ave.		1	1	0.0	55.6	71	55.6	5	----	55.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire Blvd.		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire Blvd.	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						11 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Paving										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire Blvd.		1	1	0.0	55.6	71	55.6	5	----	55.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental					11 September 2021					
Sean Bui					TNM 2.5					

INPUT: ROADWAYS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA				
PROJECT/CONTRACT:		Cheval Blanc Project							
RUN:		Phase 2 Paving							

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Burton Way	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton Way		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							11 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton Way	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021							
Sean Bui							TNM 2.5							
							Calculated with TNM 2.5							
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Cheval Blanc Project											
RUN:			Phase 2 Paving											
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier				
									Calculated LAeq1h	Noise Reduction		Goal	Calculated minus Goal	
				dB	dB	dB	dB	dB		dB	dB	dB	dB	
Burton Way		1	1	0.0	53.2	71	53.2	5	----	53.2	0.0	0	0.0	
Dwelling Units			# DUs	Noise Reduction										
				Min	Avg	Max								
				dB	dB	dB								
All Selected			1	0.0	0.0	0.0								
All Impacted			0	0.0	0.0	0.0								
All that meet NR Goal			1	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		11 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly Dr.		Starting Point	1	0	0	0	0	3	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							11 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly Dr.	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							11 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Paving										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly Dr.		1	1	0.0	56.0	71	56.0	5	----	56.0	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

Construction Worker Trips

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
South SMB		Starting Point	1	50	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Phase 1 Demo									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal Calculated minus Goal		
			dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB	1	1	0.0	55.9	71	55.9	5	----	55.9	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min dB	Avg dB	Max dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden		Starting Point	1	50	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden		1	1	0.0	55.9	71	55.9	5	----	55.9	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
La Cienega	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega		Starting Point	1	50	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Demo										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		1	1	0.0	54.3	71	54.3	5	----	54.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Wilshire		Starting Point	1	50	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction			Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Wilshire	1	1	0.0	54.3	71	54.3	5	----	54.3	0.0	0	0.0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental Sean Bui						14 September 2021 TNM 2.5					
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INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Demo

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Burton	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			mph		veh/hr		mph		veh/hr		mph		
Burton		Starting Point	1	50	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton		1	1	0.0	52.0	71	52.0	5	----	52.0	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V S		V S		V S		V S	
						veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph	
Beverly		Starting Point		1		50 35		0 0		0 0		0 0	
		End Point		2									

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Demo										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly		1	1	0.0	54.8	71	54.8	5	----	54.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac		Starting Point	1	25	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac		1	1	0.0	51.3	71	51.3	5	----	51.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			mph		veh/hr		mph		veh/hr		mph		
South SMB		Starting Point	1	136	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	60.3	71	60.3	5	----	60.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021

TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project

RUN: Phase 1 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Camden	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden		Starting Point	1	136	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden		1	1	0.0	60.3	71	60.3	5	----	60.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental						14 September 2021					
Sean Bui						TNM 2.5					

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points			Coordinates (pavement)			Flow Control			Segment	
		Name	No.		X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft				ft	ft	ft		mph	%		
La Cienega	12.0	Starting Pt	1		0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2		1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021										
Sean Bui		TNM 2.5										
INPUT: TRAFFIC FOR LAeq1h Volumes												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 1 Grading										
Roadway	Points											
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega	Starting Point	1	136	35	0	0	0	0	0	0	0	0
	End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Grading										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		1	1	0.0	58.6	71	58.6	5	----	58.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 1 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway	Width	Points	No.	Coordinates (pavement)			Flow Control			Segment	
Name		Name		X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Wilshire	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire		Starting Point	1	136	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire		1	1	0.0	58.6	71	58.6	5	----	58.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental					14 September 2021						
Sean Bui					TNM 2.5						

INPUT: ROADWAYS										Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA
PROJECT/CONTRACT:	Cheval Blanc Project									
RUN:	Phase 1 Grading									

Roadway		Points			Coordinates (pavement)			Flow Control			Segment
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Affected Vehicles	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Burton	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton		Starting Point	1	136	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBa	dBa	dB	dB	
Burton	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Phase 1 Grading									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
										Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton	1	1	0.0	56.4	71	56.4	5	----	56.4	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Beverly		Starting Point	1	136	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly		1	1	0.0	59.1	71	59.1	5	----	59.1	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac		Starting Point	1	68	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac		1	1	0.0	55.6	71	55.6	5	----	55.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos										
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
South SMB		Starting Point	1	200	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	61.9	71	61.9	5	----	61.9	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			veh/hr		mph		veh/hr		mph		veh/hr		
Camden		Starting Point	1	200	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden		1	1	0.0	61.9	71	61.9	5	----	61.9	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			veh/hr		mph		veh/hr		mph		veh/hr		
La Cienega		Starting Point	1	200	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021							
Sean Bui							TNM 2.5							
							Calculated with TNM 2.5							
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Cheval Blanc Project											
RUN:			Phase 1 Construction											
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier				
									Calculated LAeq1h	Noise Reduction Calculated		Goal	Calculated minus Goal	
				dB	dB	dB	dB	dB		dB	dB	dB	dB	
La Cienega		1	1	0.0	60.3	71	60.3	5	----	60.3	0.0	0	0.0	
Dwelling Units			# DUs	Noise Reduction										
				Min	Avg	Max								
				dB	dB	dB								
All Selected			1	0.0	0.0	0.0								
All Impacted			0	0.0	0.0	0.0								
All that meet NR Goal			1	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire		Starting Point	1	200	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire		1	1	0.0	60.3	71	60.3	5	----	60.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton		Starting Point	1	200	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier				
									Calculated LAeq1h	Noise Reduction		Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Burton	1	1	0.0	58.0	71	58.0	5	----	58.0	0.0	0	0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Beverly		Starting Point	1	200	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly		1	1	0.0	60.8	71	60.8	5	----	60.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 1 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Cadillac		Starting Point	1	100	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 1 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 1 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac		1	1	0.0	57.3	71	57.3	5	----	57.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
South SMB		Starting Point	1	50	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z		above	Existing	Impact Criteria		
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	in
			ft	ft	ft	ft	dBA	dBA	dB	dB	Calc.
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	55.9	71	55.9	5	----	55.9	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				Autos									
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden		Starting Point	1	50	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBa	dBa	dB	dB	
Camden	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier				
									Calculated LAeq1h	Noise Reduction		Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Camden	1	1	0.0	55.9	71	55.9	5	----	55.9	0.0	0	0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega		Starting Point	1	50	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		1	1	0.0	54.3	71	54.3	5	----	54.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire		Starting Point	1	50	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire		1	1	0.0	54.3	71	54.3	5	----	54.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton		Starting Point	1	50	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021							
Sean Bui							TNM 2.5							
							Calculated with TNM 2.5							
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Cheval Blanc Project											
RUN:			Phase 2 Demo											
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier					
									Calculated LAeq1h	Noise Reduction		Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB	dB
Burton	1	1	0.0	52.0	71	52.0	5	----	52.0	0.0	0	0	0.0	0.0
Dwelling Units		# DUs	Noise Reduction											
			Min	Avg	Max									
			dB	dB	dB									
All Selected		1	0.0	0.0	0.0									
All Impacted		0	0.0	0.0	0.0									
All that meet NR Goal		1	0.0	0.0	0.0									

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly		1	1	0.0	54.8	71	54.8	5	----	54.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Beverly		Starting Point	1	50	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Demo											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac		Starting Point	1	25	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Demo									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Demo										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac		1	1	0.0	51.3	71	51.3	5	----	51.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
South SMB		Starting Point	1	136	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	60.3	71	60.3	5	----	60.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Camden	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden		Starting Point	1	136	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden		1	1	0.0	60.3	71	60.3	5	----	60.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega		Starting Point	1	136	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		1	1	0.0	58.6	71	58.6	5	----	58.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire		Starting Point	1	136	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire		1	1	0.0	58.6	71	58.6	5	----	58.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021

TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project

RUN: Phase 2 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Burton	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton		Starting Point	1	136	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.							
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton		1	1	0.0	56.4	71	56.4	5	----	56.4	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2Grading											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			mph		veh/hr		mph		veh/hr		mph		
Beverly		Starting Point	1	136	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Grading										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly		1	1	0.0	59.1	71	59.1	5	----	59.1	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Grading

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control		Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Cadillac	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Cadillac		Starting Point	1	68	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Grading									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Grading											
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac		1	1	0.0	55.6	71	55.6	5	----	55.6	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
South SMB		Starting Point	1	200	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	61.9	71	61.9	5	----	61.9	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden		Starting Point	1	200	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden		1	1	0.0	61.9	71	61.9	5	----	61.9	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental						14 September 2021				
Sean Bui						TNM 2.5				

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
 RUN: Phase 2 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points				Flow Control			Segment		
Name	Width	Name	No.	Coordinates (pavement)			Control	Speed	Percent	Pvmt	On
				X	Y	Z	Device	Constraint	Vehicles	Type	Struct?
	ft			ft	ft	ft		mph	Affected		
									%		
La Cienega	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega		Starting Point	1	200	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		1	1	0.0	60.3	71	60.3	5	----	60.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Wilshire	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Wilshire		Starting Point	1	200	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire		1	1	0.0	60.3	71	60.3	5	----	60.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													

14 September 2021

TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Burton	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Burton		Starting Point	1	200	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton		1	1	0.0	58.0	71	58.0	5	----	58.0	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Affected Vehicles	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Beverly	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			veh/hr		mph		veh/hr		mph		veh/hr		
Beverly		Starting Point	1	200	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly		1	1	0.0	60.8	71	60.8	5	----	60.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Construction

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points			Coordinates (pavement)			Flow Control		Segment		
		Name	No.		X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft				ft	ft	ft		mph	%		
Cadillac	12.0	Starting Pt	1		0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2		1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos										
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Cadillac		Starting Point	1	100	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction										
BARRIER DESIGN:			INPUT HEIGHTS				Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction			Calculated minus Goal
										Calculated	Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB	dB
Cadillac	1	1	0.0	57.3	71	57.3	5	----	57.3	0.0	0	0.0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction (Hotel)											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			mph		veh/hr		mph		veh/hr		mph		
South SMB		Starting Point	1	650	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction (Hotel)									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z		above	Existing	Impact Criteria	NR	
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Phase 2 Construction (Hotel)									
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB	1	1	0.0	67.1	71	67.1	5	----	67.1	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental Sean Bui						14 September 2021 TNM 2.5				
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INPUT: ROADWAYS										
PROJECT/CONTRACT:	Cheval Blanc Project						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA			
RUN:	Phase 2 Construction (Hotel)									

Roadway		Points			Coordinates (pavement)			Flow Control		Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Camden	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction (Hotel)											
Roadway	Points												
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Camden	Starting Point	1	650	35	0	0	0	0	0	0	0	0	
	End Point	2											

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Phase 2 Construction (Hotel)									
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
										Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Camde	1	1	0.0	67.1	71	67.1	5	----	67.1	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:		Cheval Blanc Project										
RUN:		Phase 2 Construction (Hotel)										
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH										
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier			
									Calculated LAeq1h	Noise Reduction		Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Camde	1	1	0.0	67.1	71	67.1	5	----	67.1	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction (Hotel)											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega		Starting Point	1	650	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction (Hotel)									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction (Hotel)										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		1	1	0.0	65.4	71	65.4	5	----	65.4	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction (Hotel)											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire		Starting Point	1	650	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction (Hotel)									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction (Hotel)										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire		1	1	0.0	65.4	71	65.4	5	----	65.4	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental Sean Bui			14 September 2021 TNM 2.5							
INPUT: ROADWAYS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA				
PROJECT/CONTRACT:			Cheval Blanc Project							
RUN:			Phase 2 Construction (Hotel)							
Roadway		Points				Flow Control			Segment	
Name	Width	Name	No.	Coordinates (pavement)		Control	Speed	Percent	Pvmt	On
				X	Y	Z	Device	Constraint	Vehicles	Type
									Affected	
	ft			ft	ft	ft		mph	%	
Burton	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average
		End Point	2	1,000.0	0.0	0.00				

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction (Hotel)											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton		Starting Point	1	650	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction (Hotel)									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBa	dBa	dB	dB	
Burton	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction (Hotel)											
BARRIER DESIGN:		INPUT HEIGHTS							Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton		1	1	0.0	63.2	71	63.2	5	----	63.2	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction (Hotel)											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly		Starting Point	1	650	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction (Hotel)									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction (Hotel)											
BARRIER DESIGN:		INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly		1	1	0.0	65.9	71	65.9	5	----	65.9	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		0	0.0	0.0	0.0								
All that meet NR Goal		1	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Construction (Hotel)											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			veh/hr		mph		veh/hr		mph		veh/hr		
Cadillac		Starting Point	1	325	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Construction (Hotel)									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Construction (Hotel)										
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.							
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac		1	1	0.0	62.4	71	62.4	5	----	62.4	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			veh/hr		mph		veh/hr		mph		veh/hr		
South SMB		Starting Point	1	300	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021							
Sean Bui							TNM 2.5							
							Calculated with TNM 2.5							
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Cheval Blanc Project											
RUN:			Phase 2 Finishes											
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier				
									Calculated LAeq1h	Noise Reduction Calculated		Goal	Calculated minus Goal	
				dB	dB	dB	dB	dB		dB	dB	dB	dB	
South SMB		1	1	0.0	63.7	71	63.7	5	----	63.7	0.0	0	0.0	
Dwelling Units			# DUs	Noise Reduction										
				Min	Avg	Max								
				dB	dB	dB								
All Selected			1	0.0	0.0	0.0								
All Impacted			0	0.0	0.0	0.0								
All that meet NR Goal			1	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Camden		Starting Point	1	300	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden		1	1	0.0	63.7	71	63.7	5	----	63.7	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Finishes

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points				Flow Control			Segment		
Name	Width	Name	No.	Coordinates (pavement)			Control	Speed	Percent	Pvmt	On
				X	Y	Z	Device	Constraint	Vehicles	Type	Struct?
	ft			ft	ft	ft		mph	%		
La Cienega	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021													
Sean Bui		TNM 2.5													
INPUT: TRAFFIC FOR LAeq1h Volumes															
PROJECT/CONTRACT:		Cheval Blanc Project													
RUN:		Phase 2 Finishes													
Roadway		Points													
Name		Name		No.		Segment									
						Autos		MTrucks		HTrucks		Buses		Motorcycles	
						V S		V S		V S		V S		V S	
						veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph	
La Cienega		Starting Point		1		300 35		0 0		0 0		0 0		0 0	
		End Point		2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		1	1	0.0	62.1	71	62.1	5	----	62.1	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire		Starting Point	1	300	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire		1	1	0.0	62.1	71	62.1	5	----	62.1	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Finishes

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control		Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
South SMB	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
South SMB		Starting Point	1	300	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z		above	Existing	Impact Criteria		
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	in
			ft	ft	ft	ft	dBA	dBA	dB	dB	Calc.
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	63.7	71	63.7	5	----	63.7	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Finishes											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
					veh/hr		mph		veh/hr		mph		
Burton		Starting Point	1	300	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton	1	1	250.0	85.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton		1	1	0.0	59.8	71	59.8	5	----	59.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021													
Sean Bui		TNM 2.5													
INPUT: TRAFFIC FOR LAeq1h Volumes															
PROJECT/CONTRACT:		Cheval Blanc Project													
RUN:		Phase 2 Finishes													
Roadway		Points													
Name		Name		No.		Segment									
						Autos		MTrucks		HTrucks		Buses		Motorcycles	
						V S		V S		V S		V S		V S	
						veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph	
Cadillac		Starting Point		1		150 35		0 0		0 0		0 0		0 0	
		End Point		2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Finishes									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Finishes										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac		1	1	0.0	59.1	71	59.1	5	----	59.1	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental						14 September 2021				
Sean Bui						TNM 2.5				

INPUT: ROADWAYS
PROJECT/CONTRACT: Cheval Blanc Project
RUN: Phase 2 Paving

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points				Flow Control			Segment	
Name	Width	Name	No.	Coordinates (pavement)			Control	Speed	Percent	Pvmt
				X	Y	Z	Device	Constraint	Vehicles	Type
									Affected	On
	ft			ft	ft	ft		mph	%	Struct?
South SMB	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average
		End Point	2	1,000.0	0.0	0.00				

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021													
Sean Bui		TNM 2.5													
INPUT: TRAFFIC FOR LAeq1h Volumes															
PROJECT/CONTRACT:		Cheval Blanc Project													
RUN:		Phase 2 Paving													
Roadway		Points													
Name		Name		No.		Segment									
						Autos		MTrucks		HTrucks		Buses		Motorcycles	
						V S		V S		V S		V S		V S	
						veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph	
South SMB		Starting Point		1		50 35		0 0		0 0		0 0		0 0	
		End Point		2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dB	dB	dB	dB	
South SMB	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Paving										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		1	1	0.0	55.9	71	55.9	5	----	55.9	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden		Starting Point	1	50	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden	1	1	250.0	35.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Phase 2 Paving									
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
										Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden	1	1	0.0	55.9	71	55.9	5	----	55.9	0.0	0	0.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021

TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project

RUN: Phase 2 Paving

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
La Cienega	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega		Starting Point	1	50	35	0	0	0	0	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dB	dB	dB	dB	
La Cienega	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Paving										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		1	1	0.0	54.3	71	54.3	5	----	54.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental					14 September 2021					
Sean Bui					TNM 2.5					

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
 RUN: Phase 2 Paving

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points			Coordinates (pavement)			Flow Control			Segment	
		Name	No.		X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft				ft	ft	ft		mph	%		
Wilshie	12.0	Starting Pt	1		0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2		1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway	Points												
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Wilshie	Starting Point	1	50	35	0	0	0	0	0	0	0	0	
	End Point	2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height above Ground	Input Sound Levels and Criteria				Active in Calc.
			X	Y	Z		Existing LAeq1h	Impact Criteria LAeq1h	Sub'l	NR Goal	
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Paving										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire		1	1	0.0	54.3	71	54.3	5	----	54.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Phase 2 Paving											
Roadway		Points											
Name		Name											
		No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			Autos		V		S		V		S		
			V		S		V		S		V		
			veh/hr		mph		veh/hr		mph		veh/hr		
			mph		veh/hr		mph		veh/hr		mph		
Burton		Starting Point	1	50	35	0	0	0	0	0	0	0	
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z		above	Existing	Impact Criteria		
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	in
			ft	ft	ft	ft	dBA	dBA	dB	dB	Calc.
Burton	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Paving										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton		1	1	0.0	54.8	71	54.8	5	----	54.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021																																																											
Sean Bui		TNM 2.5																																																											
INPUT: TRAFFIC FOR LAeq1h Volumes																																																													
PROJECT/CONTRACT:		Cheval Blanc Project																																																											
RUN:		Phase 2 Paving																																																											
Roadway		Points																																																											
Name		Name No. Segment																																																											
		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2"></td> <td colspan="2">Autos</td> <td colspan="2">MTrucks</td> <td colspan="2">HTrucks</td> <td colspan="2">Buses</td> <td colspan="2">Motorcycles</td> </tr> <tr> <td>V</td><td>S</td> <td>V</td><td>S</td> <td>V</td><td>S</td> <td>V</td><td>S</td> <td>V</td><td>S</td> <td>V</td><td>S</td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> </table>														Autos		MTrucks		HTrucks		Buses		Motorcycles		V	S	V	S	V	S	V	S	V	S	V	S																								
		Autos		MTrucks		HTrucks		Buses		Motorcycles																																																			
V	S	V	S	V	S	V	S	V	S	V	S																																																		
		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> </table>																																																											
Beverly		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> </table>																																																											
		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> <tr> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> <td></td><td></td> </tr> </table>																																																											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z		above	Existing	Impact Criteria		
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	in
			ft	ft	ft	ft	dBA	dBA	dB	dB	Calc.
Beverly	1	1	250.0	45.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Paving										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly		1	1	0.0	54.8	71	54.8	5	----	54.8	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021													
Sean Bui		TNM 2.5													
INPUT: TRAFFIC FOR LAeq1h Volumes															
PROJECT/CONTRACT:		Cheval Blanc Project													
RUN:		Phase 2 Paving													
Roadway		Points													
Name		Name		No.		Segment									
						Autos		MTrucks		HTrucks		Buses		Motorcycles	
						V S		V S		V S		V S		V S	
						veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph	
Cadillac		Starting Point		1		25 35		0 0		0 0		0 0		0 0	
		End Point		2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Phase 2 Paving									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z		above	Existing	Impact Criteria		
						Ground	L _{Aeq} 1h	L _{Aeq} 1h	Sub'l	Goal	in
			ft	ft	ft	ft	dBA	dBA	dB	dB	Calc.
Cadillac	1	1	250.0	50.0	0.00	4.92	0.00	71	5.0	0.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Phase 2 Paving										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac		1	1	0.0	51.3	71	51.3	5	----	51.3	0.0	0	0.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			1	0.0	0.0	0.0							

3. Operation Noise Calculations

3.a. On-Site Operational Noise

Project Composite Noise Calculations (CNEL)

Project: Cheval Blanc Project

Receptor	Ambient	Traffic ^a	Mechanical	Loading	Outdoor			Project Composite	Ambient + Project	Increase
R1	74.7	53.5	40.3	25.8	56.5			58.3	74.8	0.1
R2	61.6	46.4	38.8	18.3	56.5			57.0	62.9	1.3

^a - traffic noise levels at each receptor is based on the traffic noise analysis for the roadway segment in front of the receptor.

Receptor	Roadway Segment	Traffic Noise Levels, CNEL			distance to roadway, ft	Existing	Existing + Project	barrier	distance to Center Line	adj. for distance
		Existing	Existing + Project	Project Only						
R1	Santa Monica	69.9	70.0	53.5	20	70.6	70.7	0	55	-0.7
R2	Santa Monica	62.8	62.9	46.4	290	70.6	70.7	0	55	-7.8

Outdoor Mechanical Equipment Noise Calculations

Project: Cheval Blanc Project

Hours of Operations

Receptor	Estimated Noise Levels, Leq from SOUNDPLAN		Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
	Leq	CNEL			
R1	33.6	40.3	33.6	33.6	33.6
R2	32.1	38.8	32.1	32.1	32.1

Receptor	Project (CNEL)	Ambient (CNEL)	Ambient + Project (CNEL)	Increase (CNEL)	Project Noise, (Leq)	Ambient (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	40.3	74.7	74.7	0.0	33.6	66.2	66.2	0.0
R2	38.8	61.6	61.6	0.0	32.1	53.5	53.5	0.0

Loading Noise Calculations

Project: Cheval Blanc Project

LOADING DOCK

Estimated Noise Levels, Leq from SOUNDPLAN			Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
Receptor	Leq	CNEL	3	3	0
R1	28.6	25.8	22.6	28.6	0.0
R2	20.9	18.3	14.9	20.9	0.0

Receptor	Project CNEL	Ambient CNEL	Ambient + Project (CNEL)	Increase (CNEL)	Project Noise, (Leq)	Ambient (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	25.8	74.7	74.7	0.0	28.6	66.2	66.2	0.0
R2	18.3	61.6	61.6	0.0	20.9	53.5	53.5	0.0

Outdoor Noise Calculations

Project: Cheval Blanc Project

Hours of Operations

Estimated noise levels, Leq (FROM SOUNDPLAN)					Ld (7am to 7pm)	Le (7pm to 10pm)	Ln (10pm to 7am)
Receptor	Sound System	Occupants	Total, Leq	CNEL			
					12	3	4
R1	50.6	47.6	52.4	56.5	52.4	52.4	48.9
R2	51.7	44.0	52.4	56.5	52.4	52.4	48.9

Receptor	Project (CNEL)	Ambient (CNEL)	Ambient + Project (CNEL)	Increase (CNEL)	Project Noise, (Leq)	Ambient (Leq)	Ambient + Project (Leq)	Increase (Leq)
R1	56.5	74.7	74.8	0.1	52.4	66.2	66.4	0.2
R2	56.5	61.6	62.8	1.2	52.4	53.5	56.0	2.5

3.a.i. SoundPLAN Noise Computer Model Inputs and Outputs

SoundPLAN Computer Noise Model calculates the on-site noise sources in terms of Leq.

The calculated Leq noise levels are used evaluate impacts and to calculate the 24-hour CNEL levels, as provided in the summary worksheets above (section 3.a).

Cheval Blanc Source Levels in dB(A) - Mechanical

Name	Source type	Lw dB(A)	Emission spectrum	
Mechanical Equipment	Point	100.0	Ventilation Fan	
Mechanical Equipment	Point	100.0	Ventilation Fan	
Mechanical Equipment	Point	100.0	Ventilation Fan	
Mechanical Equipment	Point	100.0	Ventilation Fan	

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Cheval Blanc Contribution level - Mechanical

Source	Source type	Leq,d dB(A)	
Receiver R1 Leq,d 33.6 dB(A)			
Mechanical Equipment	Point	27.0	
Mechanical Equipment	Point	24.4	
Mechanical Equipment	Point	27.6	
Mechanical Equipment	Point	29.7	
Receiver R2 Leq,d 32.1 dB(A)			
Mechanical Equipment	Point	26.4	
Mechanical Equipment	Point	25.1	
Mechanical Equipment	Point	27.1	
Mechanical Equipment	Point	25.6	

--	--	--	--

Cheval Blanc
Source Levels in dB(A) - Loading

Name	Source type	Lw dB(A)	Emission spectrum	
Loading 1	Point	101.9	Truck: loading general cargo	
Loading 2	Point	101.9	Truck: loading general cargo	

--	--	--	--	--

AES 22801 Crespi St Woodland Hills, CA 91364 USA

Cheval Blanc Contribution level - Loading

Source	Source type	Leq,d dB(A)	
Receiver R1 Leq,d 28.6 dB(A)			
Loading 1	Point	26.4	
Loading 2	Point	24.5	
Receiver R2 Leq,d 20.9 dB(A)			
Loading 1	Point	20.7	
Loading 2	Point	7.3	

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Cheval Blanc Source Levels in dB(A) - Speakers

Name	Source type	Lw dB(A)	
Speakers Level 06	Point	108.6	
Speakers Level 06	Point	108.6	
Speakers Level 06	Point	108.6	
Speakers Level 06	Point	108.6	
Speakers Level 06	Point	108.6	
Speakers Level 07	Point	104.2	
Speakers Level 07	Point	104.2	
Speakers Level 07	Point	104.2	
Speakers Level 08	Point	104.2	
Speakers Level 08	Point	104.2	
Speakers Level 08	Point	104.2	
Speakers Level 08	Point	104.2	
Speakers Level Penthouse	Point	108.6	
Speakers Level Penthouse	Point	108.6	
Speakers Level Penthouse	Point	108.6	
Speakers Level Penthouse	Point	108.6	
Speakers Level Penthouse	Point	108.6	
Speakers Level Penthouse	Point	108.6	

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Cheval Blanc Contribution level - Speakers - 6ft Barrier

9

Source	Source type	Leq,d dB(A)	
Receiver R1 FI 1.FL Leq,d 50.6 dB(A)			
Speakers Level 06	Point	40.5	
Speakers Level 06	Point	44.3	
Speakers Level 06	Point	35.6	
Speakers Level 06	Point	37.3	
Speakers Level 06	Point	36.8	
Speakers Level 07	Point	39.2	
Speakers Level 07	Point	30.7	
Speakers Level 07	Point	31.0	
Speakers Level 08	Point	32.1	
Speakers Level 08	Point	39.4	
Speakers Level 08	Point	39.3	
Speakers Level 08	Point	39.2	
Speakers Level Penthouse	Point	38.3	
Speakers Level Penthouse	Point	37.4	
Speakers Level Penthouse	Point	39.3	
Speakers Level Penthouse	Point	32.3	
Speakers Level Penthouse	Point	32.4	
Speakers Level Penthouse	Point	32.5	
Receiver R2 FI 1.FL Leq,d 51.7 dB(A)			
Speakers Level 06	Point	34.7	
Speakers Level 06	Point	44.4	
Speakers Level 06	Point	34.5	
Speakers Level 06	Point	35.2	
Speakers Level 06	Point	31.2	
Speakers Level 07	Point	41.7	
Speakers Level 07	Point	33.0	
Speakers Level 07	Point	33.0	
Speakers Level 08	Point	18.0	
Speakers Level 08	Point	42.5	
Speakers Level 08	Point	42.9	
Speakers Level 08	Point	41.5	
Speakers Level Penthouse	Point	32.9	
Speakers Level Penthouse	Point	41.8	
Speakers Level Penthouse	Point	42.2	
Speakers Level Penthouse	Point	32.8	
Speakers Level Penthouse	Point	31.3	
Speakers Level Penthouse	Point	31.5	

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Cheval Blanc Source Levels in dB(A) - People

Name	Source type	Lw dB(A)	Emission spectrum	
People Level 06	Area	98.2	Voice - Raised	
People Level 07	Area	90.6	Voice - Raised	
People Level 08	Area	91.8	Voice - Raised	
People Level Penthouse	Area	95.0	Voice - Raised	

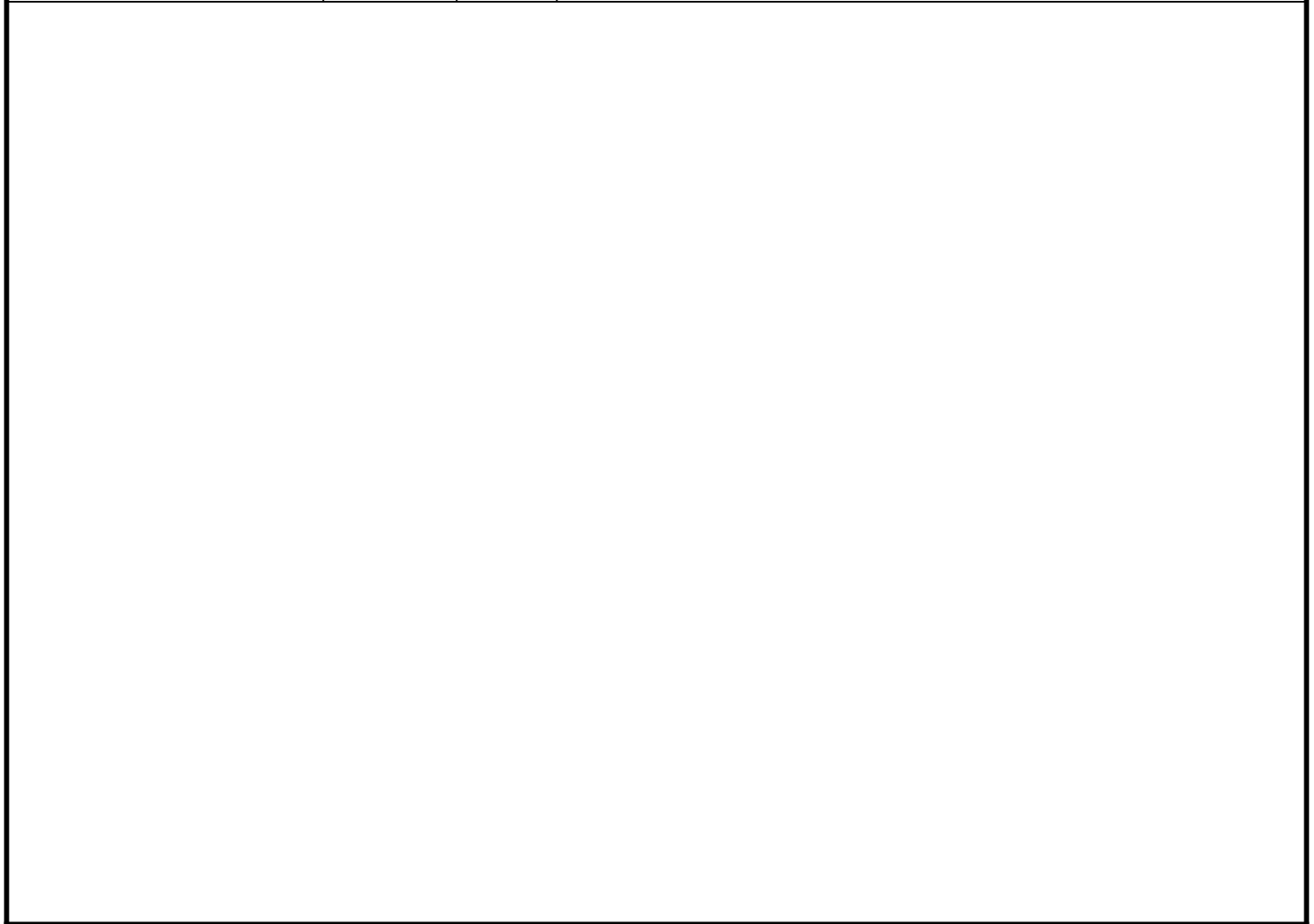
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	AES 22801 Crespi St Woodland Hills, CA 91364 USA	1
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Cheval Blanc
Contribution level - People - 6ft Barrier

9

Source	Source type	Leq,d dB(A)
Receiver R1 FI 1.FL Leq,d 47.6 dB(A)		
People Level 06	Area	46.4
People Level 07	Area	37.7
People Level 08	Area	38.1
People Level Penthouse	Area	32.2
Receiver R2 FI 1.FL Leq,d 44.0 dB(A)		
People Level 06	Area	41.9
People Level 07	Area	36.5
People Level 08	Area	36.0
People Level Penthouse	Area	30.7



AES 22801 Crespi St Woodland Hills, CA 91364 USA

3.b. Off-Site Operational Noise

FHWA Off-Site Traffic Noise Calculations

Project: Cheval Blanc

Modeling Condition: Existing Conditions

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

Peak Hour Volume (PHV) to Average Daily Traffic (ADT):	10%
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Roadway Segment	Model Input								Barrier Atten.	Site Adjust., dBA	Model Results 24-Hour CNEL
	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume			PHV to ADT factor			
					AM Pk	PM Pk	ADT				
Rodeo Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	70	20	55	35	500	544	5,220	10%	0	0	63.1
- Bet. S. Santa Monica Blvd. and Brighton Wy.	45	10	32.5	35	566	815	6,905	10%	0	0	66.7
- Bet. Brighton Wy. and Wilshire Blvd.	45	10	32.5	35	367	779	5,730	10%	0	0	65.9
Beverly Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	60	20	50	35	962	949	9,555	10%	0	0	66.2
- Bet. S. Santa Monica Blvd. and Brighton Wy.	50	10	35	35	1,238	1,238	12,380	10%	0	0	69.0
- Bet. Brighton Wy. and Wilshire Blvd.	50	10	35	35	1,208	1,167	11,875	10%	0	0	68.8
North Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	30	55	35	2,895	2,936	29,155	10%	0	0	70.6
- Bet. Rodeo Dr. and Beverly Dr.	50	30	55	35	2,932	2,939	29,355	10%	0	0	70.6
- Bet. Beverly Dr. and Canon Dr.	50	30	55	35	3,052	2,947	29,995	10%	0	0	70.7
South Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	10	35	35	2,084	2,221	21,525	10%	0	0	71.4
- Bet. Rodeo Dr. and Beverly Dr.	50	10	35	35	2,191	2,296	22,435	10%	0	0	71.6
- Bet. Beverly Dr. and Canon Dr.	50	10	35	35	2,069	2,170	21,195	10%	0	0	71.3
Brighton Way											
- Bet. Camden Dr. and Rodeo Dr.	30	10	25	25	562	379	4,705	10%	0	0	65.6
- Bet. Rodeo Dr. and Beverly Dr.	30	10	25	25	491	343	4,170	10%	0	0	65.1
- Bet. Beverly Dr. and Canon Dr.	30	10	25	25	409	402	4,055	10%	0	0	64.9

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

FHWA Off-Site Traffic Noise Calculations

Project: Cheval Blanc

Modeling Condition: Existing + Project Conditions

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

Peak Hour Volume (PHV) to Average Daily Traffic (ADT):	10%
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Roadway Segment	Model Input								Barrier Atten.	Site Adjust., dBA	Model Results 24-Hour CNEL
	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume			PHV to ADT factor			
					AM Pk	PM Pk	ADT				
Rodeo Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	70	20	55	35	502	551	5,265	10%	0	0	63.2
- Bet. S. Santa Monica Blvd. and Brighton Wy.	45	10	32.5	35	576	839	7,075	10%	0	0	66.9
- Bet. Brighton Wy. and Wilshire Blvd.	45	10	32.5	35	377	805	5,910	10%	0	0	66.1
Beverly Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	60	20	50	35	969	966	9,675	10%	0	0	66.2
- Bet. S. Santa Monica Blvd. and Brighton Wy.	50	10	35	35	1,320	1,366	13,430	10%	0	0	69.3
- Bet. Brighton Wy. and Wilshire Blvd.	50	10	35	35	1,223	1,208	12,155	10%	0	0	68.9
North Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	30	55	35	2,909	2,975	29,420	10%	0	0	70.6
- Bet. Rodeo Dr. and Beverly Dr.	50	30	55	35	2,944	2,970	29,570	10%	0	0	70.7
- Bet. Beverly Dr. and Canon Dr.	50	30	55	35	3,061	2,972	30,165	10%	0	0	70.8
South Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	10	35	35	2,095	2,252	21,735	10%	0	0	71.4
- Bet. Rodeo Dr. and Beverly Dr.	50	10	35	35	2,257	2,469	23,630	10%	0	0	71.8
- Bet. Beverly Dr. and Canon Dr.	50	10	35	35	2,088	2,219	21,535	10%	0	0	71.4
Brighton Way											
- Bet. Camden Dr. and Rodeo Dr.	30	10	25	25	569	399	4,840	10%	0	0	65.7
- Bet. Rodeo Dr. and Beverly Dr.	30	10	25	25	493	349	4,210	10%	0	0	65.1
- Bet. Beverly Dr. and Canon Dr.	30	10	25	25	421	428	4,245	10%	0	0	65.1

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

FHWA Off-Site Traffic Noise Calculations

Project: Cheval Blanc

Modeling Condition: Future No Project Conditions

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

Peak Hour Volume (PHV) to Average Daily Traffic (ADT):	10%
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Roadway Segment	Model Input									Model Results	
	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume			PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Rodeo Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	70	20	55	35	540	600	5,700	10%	0	0	63.5
- Bet. S. Santa Monica Blvd. and Brighton Wy.	45	10	32.5	35	645	880	7,625	10%	0	0	67.2
- Bet. Brighton Wy. and Wilshire Blvd.	45	10	32.5	35	420	850	6,350	10%	0	0	66.4
Beverly Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	60	20	50	35	1,040	1,020	10,300	10%	0	0	66.5
- Bet. S. Santa Monica Blvd. and Brighton Wy.	50	10	35	35	1,315	1,310	13,125	10%	0	0	69.2
- Bet. Brighton Wy. and Wilshire Blvd.	50	10	35	35	1,280	1,230	12,550	10%	0	0	69.0
North Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	30	55	35	3,450	3,670	35,600	10%	0	0	71.5
- Bet. Rodeo Dr. and Beverly Dr.	50	30	55	35	3,485	3,670	35,775	10%	0	0	71.5
- Bet. Beverly Dr. and Canon Dr.	50	30	55	35	3,630	3,690	36,600	10%	0	0	71.6
South Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	10	35	35	2,270	2,460	23,650	10%	0	0	71.8
- Bet. Rodeo Dr. and Beverly Dr.	50	10	35	35	2,385	2,540	24,625	10%	0	0	72.0
- Bet. Beverly Dr. and Canon Dr.	50	10	35	35	2,265	2,400	23,325	10%	0	0	71.7
Brighton Way											
- Bet. Camden Dr. and Rodeo Dr.	30	10	25	25	600	410	5,050	10%	0	0	65.9
- Bet. Rodeo Dr. and Beverly Dr.	30	10	25	25	530	375	4,525	10%	0	0	65.4
- Bet. Beverly Dr. and Canon Dr.	30	10	25	25	450	420	4,350	10%	0	0	65.2

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

FHWA Off-Site Traffic Noise Calculations

Project: Cheval Blanc

Modeling Condition: Future + Project Conditions

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

Peak Hour Volume (PHV) to Average Daily Traffic (ADT):	10%
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Roadway Segment	Model Input								Model Results		
	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume			PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Rodeo Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	70	20	55	35	542	607	5,745	10%	0	0	63.5
- Bet. S. Santa Monica Blvd. and Brighton Wy.	45	10	32.5	35	655	905	7,800	10%	0	0	67.3
- Bet. Brighton Wy. and Wilshire Blvd.	45	10	32.5	35	430	876	6,530	10%	0	0	66.5
Beverly Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	60	20	50	35	1,047	1,037	10,420	10%	0	0	66.5
- Bet. S. Santa Monica Blvd. and Brighton Wy.	50	10	35	35	1,398	1,438	14,180	10%	0	0	69.6
- Bet. Brighton Wy. and Wilshire Blvd.	50	10	35	35	1,295	1,271	12,830	10%	0	0	69.1
North Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	30	55	35	3,464	3,709	35,865	10%	0	0	71.5
- Bet. Rodeo Dr. and Beverly Dr.	50	30	55	35	3,497	3,702	35,995	10%	0	0	71.5
- Bet. Beverly Dr. and Canon Dr.	50	30	55	35	3,639	3,715	36,770	10%	0	0	71.6
South Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	10	35	35	2,281	2,491	23,860	10%	0	0	71.8
- Bet. Rodeo Dr. and Beverly Dr.	50	10	35	35	2,452	2,713	25,825	10%	0	0	72.2
- Bet. Beverly Dr. and Canon Dr.	50	10	35	35	2,284	2,449	23,665	10%	0	0	71.8
Brighton Way											
- Bet. Camden Dr. and Rodeo Dr.	30	10	25	25	607	430	5,185	10%	0	0	66.0
- Bet. Rodeo Dr. and Beverly Dr.	30	10	25	25	533	382	4,575	10%	0	0	65.5
- Bet. Beverly Dr. and Canon Dr.	30	10	25	25	462	446	4,540	10%	0	0	65.4

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

4. Construction Vibration Calculations

Project: Cheval Blanc Project EIR

Construction Vibration Impacts

Reference Levels at 25 feet are based on FTA, 2006 (Transit Noise and Vibration Impact Assessment)

Calculations using FTA procedure with n= **1.1** (for receptors 25 feet or greater)
n= **1.1** (for receptors less than 25 feet, per Caltrans procedure)

ON-SITE CONSTRUCTION ACTIVITIES

Table 1: Construction Equipment Vibration Levels (PPV) - Building Damages

Equipment	Reference Vibration Levels at 25 ft., PPV	Estimated Vibration Levels at nearest off-site building structures (distance in feet), PPV				
		Single-story Commercial building to the north	Single-story Commercial building to the west	Single-story Commercial building to the west	Two-Story Commercial Buildings to the south	Writers and Artists Building to the west
		70	80	90	5	100
Large Bulldozer	0.089	0.029	0.025	0.022	0.523	0.019
Caisson Drilling	0.089	0.029	0.025	0.022	0.523	0.019
Loaded Trucks	0.076	0.025	0.021	0.019	0.446	0.017
Jackhammer	0.035	0.011	0.010	0.009	0.206	0.008
Small bulldozer	0.003	0.001	0.001	0.001	0.018	0.001
Significance Threshold, PPV		0.3	0.3	0.3	0.5	0.25

Table 2: Construction Equipment Vibration Levels (VdB) - Human Annoyance

Equipment	Reference Vibration Levels at 25 ft., VdB	Estimated Vibration Levels at Off-Site Receptors (at note distance in feet), VdB				
		R1	R2			
		280	525			
Large Bulldozer	87	56	47			
Caisson Drilling	87	56	47			
Loaded Trucks	86	55	46			
Jackhammer	79	48	39			
Small bulldozer	58	27	18			
Significance Threshold, VdB		75	72			

5. Cumulative Noise Analysis

5.a. Cumulative Off-Site Construction Noise

Project: Cheval Blanc Project EIR

Off-Site Haul Trucks - Cumulative Analysis

Between 8am and 10pm (hauling between 7pm and 10pm)

Departing Route: South SMB to West Burton, to San Vicente, to La Cienega, to I-10

Arriving Route: I-10, exit at Caddilac, to La Cienega, to San Vicente, to Burton Way, to SMB, to Project Site

Between 10pm and 7:30am (hauling only)

Departing Route: Beverly Dr to Wilshire, to San Vicente, to La Cienega, to I-10

Arriving Route: I-10, exit at Caddilac, to La Cienega, to Wilshire, to Camden, to South SMB, to Project Site

Off-Site construction traffic noise levels (hourly Leq) are calculated based on the hourly traffic trips, using the FHWA TNM computer model.

The calculated hourly Leq noise levels are used to calculate the 24-hour CNEL levels, based on the anticipated construction hours.

Estimated Related Projects Noise Levels (From TNM Outputs), Leq(hr) due to total daily truck trips

Related Projects	Truck Trips Per Day	Burton / San							
		South SMB (Camden to Burton)	Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I-10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
RP 1 (100 Crescent)	18	0.0	0.0	0.0	63.4	63.4	0.0	63.4	0.0
RP 16 (8633 Wilshire)	20	0.0	0.0	0.0	63.8	63.8	0.0	63.8	0.0
RP 18 (9111 Wilshire)	15	0.0	0.0	0.0	62.6	62.6	0.0	62.6	0.0
RP 19 (9145 Wilshire)	15	0.0	0.0	0.0	62.6	62.6	0.0	62.6	0.0
RP 11 (370 Rodeo)	19	65.2	61.3	63.6	0.0	0.0	64.0	0.0	65.2
RP 12 (400 Rodeo)	24	66.2	62.3	64.6	0.0	0.0	65.0	0.0	66.2

Related Projects Noise Levels, CNEL

	Burton / San							
	South SMB (Camden to Burton)	Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I-10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
RP 1 (100 Crescent)	0.0	0.0	0.0	49.6	49.6	0.0	49.6	0.0
RP 16 (8633 Wilshire)	0.0	0.0	0.0	50.0	50.0	0.0	50.0	0.0
RP 18 (9111 Wilshire)	0.0	0.0	0.0	48.8	48.8	0.0	48.8	0.0
RP 19 (9145 Wilshire)	0.0	0.0	0.0	48.8	48.8	0.0	48.8	0.0
RP 11 (370 Rodeo)	51.4	47.5	49.8	0.0	0.0	50.2	0.0	51.4
RP 12 (400 Rodeo)	52.4	48.5	50.8	0.0	0.0	51.2	0.0	52.4
<i>Total Noise Levels from Related Projects, CNEL</i>	54.9	51.0	53.3	55.4	55.4	53.7	55.4	54.9

Projects Noise Levels, CNEL

	Burton / San							
	South SMB (Camden to Burton)	Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I-10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
1. P1 Demolition	55.6	51.7	54.0	64.0	61.0	61.0	63.6	60.6
2. P1 Grading/Excavation	58.6	54.7	57.0	67.0	64.1	64.0	66.6	63.6
3. P1 Construction (parking to grade)	59.1	55.2	57.6	57.4	54.5	55.3	57.6	54.5
4. P2 Demolition	55.6	51.7	54.0	64.0	61.0	61.0	63.6	60.6
5. P2 Grading/Excavation	58.6	54.7	57.0	67.0	64.1	64.0	66.6	63.6
6. P2 Construction (Parking)	59.1	55.2	57.6	57.4	54.5	55.3	57.6	54.5
7. P2 Construction (Hotel)	58.0	54.0	56.3	55.5	53.3	55.0	56.3	53.3
8. P2 Finishes/Arch. Coating	54.4	50.5	52.8	51.9	49.8	51.5	52.8	49.7
9. P2 Paving/Landscape	52.8	48.9	51.2	51.0	48.2	49.0	51.2	48.2
Ambient, CNEL	72.7	64.8	69.4	69.4	66.3	72.7	74.7	65.6

Projects + Related Project, CNEL

	Burton / San							
	South SMB (Camden to Burton)	Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I-10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
1. P1 Demolition	58.3	54.4	56.7	64.6	62.1	61.7	64.2	61.6
2. P1 Grading/Excavation	60.1	56.2	58.5	67.3	64.6	64.4	66.9	64.1
3. P1 Construction (parking to grade)	60.5	56.6	59.0	59.5	58.0	57.6	59.6	57.7
4. P2 Demolition	58.3	54.4	56.7	64.6	62.1	61.7	64.2	61.6
5. P2 Grading/Excavation	60.1	56.2	58.5	67.3	64.6	64.4	66.9	64.1
6. P2 Construction (Parking)	60.5	56.6	59.0	59.5	58.0	57.6	59.6	57.7
7. P2 Construction (Hotel)	59.7	55.8	58.1	58.5	57.5	57.4	58.9	57.2
8. P2 Finishes/Arch. Coating	57.7	53.8	56.1	57.0	56.5	55.7	57.3	56.0
9. P2 Paving/Landscape	57.0	53.1	55.4	56.7	56.2	55.0	56.8	55.7
Maximum Noise Levels, dBA (CNEL)	60.5	56.6	59.0	67.3	64.6	64.4	66.9	64.1

Projects + Related Project + Ambient, CNEL								
	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
1. P1 Demolition	72.9	65.2	69.6	70.6	67.7	73.0	75.1	67.1
2. P1 Grading/Excavation	72.9	65.4	69.7	71.5	68.5	73.3	75.4	67.9
3. P1 Construction (parking to grade)	73.0	65.4	69.8	69.8	66.9	72.8	74.8	66.3
4. P2 Demolition	72.9	65.2	69.6	70.6	67.7	73.0	75.1	67.1
5. P2 Grading/Excavation	72.9	65.4	69.7	71.5	68.5	73.3	75.4	67.9
6. P2 Construction (Parking)	73.0	65.4	69.8	69.8	66.9	72.8	74.8	66.3
7. P2 Construction (Hotel)	72.9	65.3	69.7	69.7	66.8	72.8	74.8	66.2
8. P2 Finishes/Arch. Coating	72.8	65.1	69.6	69.6	66.7	72.8	74.8	66.1
9. P2 Paving/Landscape	72.8	65.1	69.6	69.6	66.7	72.8	74.8	66.0
Maximum Noise Levels, dBA (CNEL), CUMULATIVE	73.0	65.4	69.8	71.5	68.5	73.3	75.4	67.9

Estimated Cumulative Noise Increase, CNEL								
Phase	South SMB (Camden to Burton)	Burton / San Vicente (South SMB to La Cienega)	La Cienega (San Vicente to Wilshire)	La Cienega (Wilshire to I- 10)	Cadillac (I-10 to La Cienega)1	Beverly Dr. (PS to Wilshire)1	Wilshire Blvd. (Camden to La Cienega)	Camden Dr. (Wilshire to South SMB)1
1. P1 Demolition	0.2	0.4	0.2	1.2	1.4	0.3	0.4	1.5
2. P1 Grading/Excavation	0.2	0.6	0.3	2.1	2.2	0.6	0.7	2.3
3. P1 Construction (parking to grade)	0.3	0.6	0.4	0.4	0.6	0.1	0.1	0.7
4. P2 Demolition	0.2	0.4	0.2	1.2	1.4	0.3	0.4	1.5
5. P2 Grading/Excavation	0.2	0.6	0.3	2.1	2.2	0.6	0.7	2.3
6. P2 Construction (Parking)	0.3	0.6	0.4	0.4	0.6	0.1	0.1	0.7
7. P2 Construction (Hotel)	0.2	0.5	0.3	0.3	0.5	0.1	0.1	0.6
8. P2 Finishes/Arch. Coating	0.1	0.3	0.2	0.2	0.4	0.1	0.1	0.5
9. P2 Paving/Landscape	0.1	0.3	0.2	0.2	0.4	0.1	0.1	0.4
Maximum Increase, dBA (CNEL), CUMULATIVE	0.3	0.6	0.4	2.1	2.2	0.6	0.7	2.3

Cumulative Truk Noise Analysis for Haul Route Segments within the City of Los Angeles

Daytime Construction

Project Construction Trucks Noise Levels , Leq(hr)				
Phase	Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I-10)	Cadillac (I-10 to La Cienega)
3. P1 Construction (parking to grade)	59.6	62.0	62.0	58.9
6. P2 Construction (Parking)	59.6	62.0	62.0	58.9
7. P2 Construction (Hotel)	56.9	59.3	59.3	56.3
8. P2 Finishes/Arch. Coating	53.3	55.6	55.6	52.6
9. P2 Paving/Landscape	53.3	55.6	55.6	52.6
Daytime Ambient, dBA Leq	64.8	68.3	68.3	64.8
Threshold, dBA Leq	69.8	73.3	73.3	69.8

Related Project Construction Trucks Noise Levels , Leq(hr)					
Related Project	Truck Trips Per Hour (assumed 8-hr work day)	Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I-10)	Cadillac (I-10 to La Cienega)
RP 1 (100 Crescent)	3	0	0	55.6	55.6
RP 16 (8633 Wilshire)	3	0	0	55.6	55.6
RP 18 (9111 Wilshire)	2	0	0	53.8	53.8
RP 19 (9145 Wilshire)	2	0	0	53.8	53.8
RP 11 (370 Rodeo)	3	53.3	55.6	0.0	0.0
RP 12 (400 Rodeo)	3	53.3	55.6	0.0	0.0
Total noise from Related Projects, dBA Leq		56.3	58.6	59.8	59.8

Projects + Related Project, Leq(hr)				
Phase	Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I-10)	Cadillac (I-10 to La Cienega)
3. P1 Construction (parking to grade)	61.3	63.6	64.1	62.4
6. P2 Construction (Parking)	61.3	63.6	64.1	62.4
7. P2 Construction (Hotel)	59.6	62	62.6	61.4
8. P2 Finishes/Arch. Coating	58.1	60.4	61.2	60.6
9. P2 Paving/Landscape	58.1	60.4	61.2	60.6

Projects + Related Project + Ambient, Leq(hr)				
Phase	Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I-10)	Cadillac (I-10 to La Cienega)
3. P1 Construction (parking to grade)	66.4	69.6	69.7	66.8
6. P2 Construction (Parking)	66.4	69.6	69.7	66.8
7. P2 Construction (Hotel)	65.9	69.2	69.3	66.4
8. P2 Finishes/Arch. Coating	65.6	69	69.1	66.2
9. P2 Paving/Landscape	65.6	69.0	69.1	66.2

Estimated Cumulative Noise Increase, Leq(hr)				
Phase	Burton / San Vicente (Robertson to La Cienega)	La Cienega (San Vicente to Clifton)	La Cienega (Olympic to I-10)	Cadillac (I-10 to La Cienega)
3. P1 Construction (parking to grade)	1.6	1.3	1.4	2.0
6. P2 Construction (Parking)	1.6	1.3	1.4	2.0
7. P2 Construction (Hotel)	1.1	0.9	1.0	1.6
8. P2 Finishes/Arch. Coating	0.8	0.7	0.8	1.4
9. P2 Paving/Landscape	0.8	0.7	0.8	1.4
Maximum Increase, dBA (Leq), CUMULATIVE	1.6	1.3	1.4	2.0

5.b.i. TNM Noise Computer Model Inputs and Outputs

TNM Computer Noise Model calculates the off-site construction traffic from the Related Projects in terms of Leq.

The calculated Leq noise levels are used to calculate the 24-hour CNEL levels, as provided in the worksheets above (section 5.b).

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 1											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega		Starting Point	1	0	0	0	0	18	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 1									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Related Project No. 1										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		12	1	0.0	63.4	66	63.4	10	----	63.4	0.0	8	-8.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 1											
Roadway	Points												
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Cadillac	Starting Point	1	0	0	0	0	18	35	0	0	0	0	
	End Point	2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 1									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Related Project No. 1									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal Calculated minus Goal		
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac	12	1	0.0	63.4	66	63.4	10	----	63.4	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 1											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire		Starting Point	1	0	0	0	0	18	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 1									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Related Project No. 1									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
										Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire	12	1	0.0	63.4	66	63.4	10	----	63.4	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 11											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
South SMB		Starting Point	1	0	0	0	0	19	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 11									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	13	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Related Project No. 11										
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.							
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
South SMB		13	1	0.0	65.2	66	65.2	10	----	65.2	0.0	8	-8.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 11											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden		Starting Point	1	0	0	0	0	19	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 11									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden	13	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Related Project No. 11									
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
										Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden	13	1	0.0	65.2	66	65.2	10	----	65.2	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 11											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly		Starting Point	1	0	0	0	0	19	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 11									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly	13	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Related Project No. 11									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
										Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly	13	1	0.0	64.0	66	64.0	10	----	64.0	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 11											
Roadway		Points											
Name		Name	No.	Segment									
				Autos		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton		Starting Point	1	0	0	0	0	19	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 11									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton	13	1	250.0	85.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Related Project No. 11										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton		13	1	0.0	61.3	66	61.3	10	----	61.3	0.0	8	-8.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 11											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				Autos									
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega		Starting Point	1	0	0	0	0	19	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 11									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	13	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Related Project No. 11										
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.							
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		13	1	0.0	63.6	66	63.6	10	----	63.6	0.0	8	-8.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 12											
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V S		V S		V S		V S	
						veh/hr mph		veh/hr mph		veh/hr mph		veh/hr mph	
South SMB		Starting Point		1		0 0		0 0		24 35		0 0	
		End Point		2									

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 12									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
South SMB	13	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021							
Sean Bui							TNM 2.5							
							Calculated with TNM 2.5							
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Cheval Blanc Project											
RUN:			Related Project No. 12											
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier				
									Calculated LAeq1h	Noise Reduction Calculated		Goal	Calculated minus Goal	
				dB	dB	dB	dB	dB		dB	dB	dB	dB	
South SMB		13	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0	
Dwelling Units			# DUs	Noise Reduction										
				Min	Avg	Max								
				dB	dB	dB								
All Selected			1	0.0	0.0	0.0								
All Impacted			1	0.0	0.0	0.0								
All that meet NR Goal			0	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 12											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Camden		Starting Point	1	0	0	0	0	24	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 12									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Camden	13	1	250.0	35.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental										14 September 2021			
Sean Bui										TNM 2.5			
										Calculated with TNM 2.5			
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 12											
BARRIER DESIGN:		INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:		68 deg F, 50% RH											
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Camden		13	1	0.0	66.2	66	66.2	10	Snd Lvl	66.2	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction										
			Min	Avg	Max								
			dB	dB	dB								
All Selected		1	0.0	0.0	0.0								
All Impacted		1	0.0	0.0	0.0								
All that meet NR Goal		0	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 12											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Beverly		Starting Point	1	0	0	0	0	24	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 12									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Beverly	13	1	250.0	45.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Related Project No. 12									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal Calculated minus Goal		
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Beverly	13	1	0.0	65.0	66	65.0	10	----	65.0	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min dB	Avg dB	Max dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 12											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Burton		Starting Point	1	0	0	0	0	24	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 12									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Burton	13	1	250.0	85.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Related Project No. 12										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Burton		13	1	0.0	62.3	66	62.3	10	----	62.3	0.0	8	-8.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 12											
Roadway		Points											
Name		Name											
		No.											
		Segment											
		Autos		MTrucks		HTrucks		Buses		Motorcycles			
		V	S	V	S	V	S	V	S	V	S	V	S
		veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega		Starting Point	1	0	0	0	0	24	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 12									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	13	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Related Project No. 12									
BARRIER DESIGN:			INPUT HEIGHTS			Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.						
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
										Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega	13	1	0.0	64.6	66	64.6	10	----	64.6	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021													
Sean Bui		TNM 2.5													
INPUT: TRAFFIC FOR LAeq1h Volumes															
PROJECT/CONTRACT:		Cheval Blanc Project													
RUN:		Related Project No. 16													
Roadway		Points													
Name		Name	No.	Segment											
				Autos		MTrucks		HTrucks		Buses		Motorcycles			
				V	S	V	S	V	S	V	S	V	S		
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph		
La Cienega		Starting Point	1	0	0	0	0	20	35	0	0	0	0		
		End Point	2												

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental							14 September 2021				
Sean Bui							TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 16									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental													14 September 2021	
Sean Bui													TNM 2.5	
													Calculated with TNM 2.5	
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Cheval Blanc Project											
RUN:			Related Project No. 16											
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier					
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal	
								Sub'l Inc			Calculated	Goal	Calculated minus Goal	
				dBa	dBa	dBa	dB	dB		dBa	dB	dB	dB	
La Cienega		12	1	0.0	63.8	66	63.8	10	----	63.8	0.0	8	-8.0	
Dwelling Units			# DUs	Noise Reduction										
				Min	Avg	Max								
				dB	dB	dB								
All Selected			1	0.0	0.0	0.0								
All Impacted			0	0.0	0.0	0.0								
All that meet NR Goal			0	0.0	0.0	0.0								

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 16											
Roadway	Points												
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Cadillac	Starting Point	1	0	0	0	0	20	35	0	0	0	0	
	End Point	2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 16									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Related Project No. 16									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal Calculated minus Goal		
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac	12	1	0.0	63.8	66	63.8	10	----	63.8	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 16									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 16											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Wilshire		Starting Point	1	0	0	0	0	20	35	0	0	0	0
		End Point	2										

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Related Project No. 16										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire		12	1	0.0	63.8	66	63.8	10	----	63.8	0.0	8	-8.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 18											
Roadway		Points											
Name		Name	No.	Segment									
				Autos		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
La Cienega		Starting Point	1	0	0	0	0	15	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 18									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental													14 September 2021	
Sean Bui													TNM 2.5	
													Calculated with TNM 2.5	
RESULTS: SOUND LEVELS														
PROJECT/CONTRACT:			Cheval Blanc Project											
RUN:			Related Project No. 18											
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH											
Receiver														
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier					
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal	
				dB	dB	dB	dB	dB		dB	dB	dB	dB	
La Cienega		12	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0	
Dwelling Units			# DUs	Noise Reduction										
				Min	Avg	Max								
				dB	dB	dB								
All Selected			1	0.0	0.0	0.0								
All Impacted			0	0.0	0.0	0.0								
All that meet NR Goal			0	0.0	0.0	0.0								

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Related Project No. 18

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment	
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?	
	ft			ft	ft	ft		mph	%			
Cadillac	12.0	Starting Point	1	0.0	0.0	0.00	Signal	0.00	100	Average		
		End Point	2	1,000.0	0.0	0.00						

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 18											
Roadway	Points												
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Cadillac	Starting Point	1	0	0	0	0	15	35	0	0	0	0	
	End Point	2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 18									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Related Project No. 18										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal		Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac		12	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			0	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
 RUN: Related Project No. 18

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
Wilshire	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 18											
Roadway	Points												
Name	Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles		
			V	S	V	S	V	S	V	S	V	S	
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	
Wilshire	Starting Point	1	0	0	0	0	15	35	0	0	0	0	
	End Point	2											

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 18									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	LAeq1h	LAeq1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Related Project No. 18									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated Goal Calculated minus Goal		
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire	12	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental											
Sean Bui											

14 September 2021
TNM 2.5

INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Related Project No. 19

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway		Points			Coordinates (pavement)			Flow Control			Segment
Name	Width	Name	No.	X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
La Cienega	12.0	Starting Pt	1	0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2	1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021																																															
Sean Bui		TNM 2.5																																															
INPUT: TRAFFIC FOR LAeq1h Volumes																																																	
PROJECT/CONTRACT:		Cheval Blanc Project																																															
RUN:		Related Project No. 19																																															
Roadway		Points																																															
Name		Name No. Segment																																															
		<table border="1"> <tr> <td colspan="2"></td> <td colspan="2">Autos</td> <td colspan="2">MTrucks</td> <td colspan="2">HTrucks</td> <td colspan="2">Buses</td> <td colspan="2">Motorcycles</td> </tr> <tr> <td>V</td> <td>S</td> <td>V</td> <td>S</td> <td>V</td> <td>S</td> <td>V</td> <td>S</td> <td>V</td> <td>S</td> <td>V</td> <td>S</td> </tr> <tr> <td>veh/hr</td> <td>mph</td> <td>veh/hr</td> <td>mph</td> <td>veh/hr</td> <td>mph</td> <td>veh/hr</td> <td>mph</td> <td>veh/hr</td> <td>mph</td> <td>veh/hr</td> <td>mph</td> </tr> </table>														Autos		MTrucks		HTrucks		Buses		Motorcycles		V	S	V	S	V	S	V	S	V	S	V	S	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
		Autos		MTrucks		HTrucks		Buses		Motorcycles																																							
V	S	V	S	V	S	V	S	V	S	V	S																																						
veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph																																						
La Cienega		Starting Point	1	0	0	0	0	15	35	0	0	0	0																																				
		End Point	2																																														

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 19									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
La Cienega	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental							14 September 2021						
Sean Bui							TNM 2.5						
							Calculated with TNM 2.5						
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Related Project No. 19										
BARRIER DESIGN:			INPUT HEIGHTS					Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.					
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated minus Goal
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
La Cienega		12	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			0	0.0	0.0	0.0							

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental		14 September 2021											
Sean Bui		TNM 2.5											
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 19											
Roadway		Points											
Name		Name	No.	Segment		MTrucks		HTrucks		Buses		Motorcycles	
				V	S	V	S	V	S	V	S	V	S
				veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
Cadillac		Starting Point	1	0	0	0	0	15	35	0	0	0	0
		End Point	2										

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 19									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Cadillac	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021							
Sean Bui						TNM 2.5							
						Calculated with TNM 2.5							
RESULTS: SOUND LEVELS													
PROJECT/CONTRACT:			Cheval Blanc Project										
RUN:			Related Project No. 19										
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.				
ATMOSPHERICS:			68 deg F, 50% RH										
Receiver													
Name		No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing		With Barrier				
							Calculated	Crit'n	Type Impact	Calculated LAeq1h	Noise Reduction		Calculated
								Sub'l Inc			Calculated	Goal	Calculated minus Goal
				dB	dB	dB	dB	dB		dB	dB	dB	dB
Cadillac		12	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
Dwelling Units			# DUs	Noise Reduction									
				Min	Avg	Max							
				dB	dB	dB							
All Selected			1	0.0	0.0	0.0							
All Impacted			0	0.0	0.0	0.0							
All that meet NR Goal			0	0.0	0.0	0.0							

INPUT: ROADWAYS

Cheval Blanc Project

Eyestone Environmental Sean Bui						14 September 2021 TNM 2.5					
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INPUT: ROADWAYS

PROJECT/CONTRACT: Cheval Blanc Project
RUN: Related Project No. 19

Average pavement type shall be used unless
a State highway agency substantiates the use
of a different type with the approval of FHWA

Roadway Name	Width	Points			Coordinates (pavement)			Flow Control			Segment	
		Name	No.		X	Y	Z	Control Device	Speed Constraint	Percent Vehicles Affected	Pvmt Type	On Struct?
	ft				ft	ft	ft		mph	%		
Wilshire	12.0	Starting Pt	1		0.0	0.0	0.00	Signal	0.00	100	Average	
		End Point	2		1,000.0	0.0	0.00					

INPUT: TRAFFIC FOR LAeq1h Volumes

Cheval Blanc Project

Eyestone Environmental													
Sean Bui													
INPUT: TRAFFIC FOR LAeq1h Volumes													
PROJECT/CONTRACT:		Cheval Blanc Project											
RUN:		Related Project No. 19											
Roadway		Points											
Name		Name		No.		Segment							
						Autos		MTrucks		HTrucks		Buses	
						V		S		V		S	
						veh/hr		mph		veh/hr		mph	
						veh/hr		mph		veh/hr		mph	
Motorcycles													
						V		S		V		S	
						veh/hr		mph		veh/hr		mph	
Wilshire		Starting Point		1		0		0		0		0	
		End Point		2									

INPUT: RECEIVERS

Cheval Blanc Project

Eyestone Environmental Sean Bui							14 September 2021 TNM 2.5				
INPUT: RECEIVERS											
PROJECT/CONTRACT:		Cheval Blanc Project									
RUN:		Related Project No. 19									
Receiver											
Name	No.	#DUs	Coordinates (ground)			Height	Input Sound Levels and Criteria				Active
			X	Y	Z	above	Existing	Impact Criteria		NR	in
						Ground	L_{Aeq}1h	L_{Aeq}1h	Sub'l	Goal	Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
Wilshire	12	1	250.0	50.0	0.00	4.92	0.00	66	10.0	8.0	Y

RESULTS: SOUND LEVELS

Cheval Blanc Project

Eyestone Environmental						14 September 2021						
Sean Bui						TNM 2.5						
						Calculated with TNM 2.5						
RESULTS: SOUND LEVELS												
PROJECT/CONTRACT:			Cheval Blanc Project									
RUN:			Related Project No. 19									
BARRIER DESIGN:			INPUT HEIGHTS						Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.			
ATMOSPHERICS:			68 deg F, 50% RH									
Receiver												
Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction		
										Calculated	Goal	Calculated minus Goal
			dB	dB	dB	dB	dB		dB	dB	dB	dB
Wilshire	12	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		1	0.0	0.0	0.0							
All Impacted		0	0.0	0.0	0.0							
All that meet NR Goal		0	0.0	0.0	0.0							

5.b. Cumulative Off-Site Operational Noise

FHWA Off-Site Traffic Noise Calculations

Project: Cheval Blanc

Modeling Condition: Existing Conditions

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

Peak Hour Volume (PHV) to Average Daily Traffic (ADT):	10%
--	-----

Roadway Segment	Model Input									Model Results	
	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume			PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Rodeo Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	70	20	55	35	500	544	5,220	10%	0	0	63.1
- Bet. S. Santa Monica Blvd. and Brighton Wy.	45	10	32.5	35	566	815	6,905	10%	0	0	66.7
- Bet. Brighton Wy. and Wilshire Blvd.	45	10	32.5	35	367	779	5,730	10%	0	0	65.9
Beverly Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	60	20	50	35	962	949	9,555	10%	0	0	66.2
- Bet. S. Santa Monica Blvd. and Brighton Wy.	50	10	35	35	1,238	1,238	12,380	10%	0	0	69.0
- Bet. Brighton Wy. and Wilshire Blvd.	50	10	35	35	1,208	1,167	11,875	10%	0	0	68.8
North Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	30	55	35	2,895	2,936	29,155	10%	0	0	70.6
- Bet. Rodeo Dr. and Beverly Dr.	50	30	55	35	2,932	2,939	29,355	10%	0	0	70.6
- Bet. Beverly Dr. and Canon Dr.	50	30	55	35	3,052	2,947	29,995	10%	0	0	70.7
South Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	10	35	35	2,084	2,221	21,525	10%	0	0	71.4
- Bet. Rodeo Dr. and Beverly Dr.	50	10	35	35	2,191	2,296	22,435	10%	0	0	71.6
- Bet. Beverly Dr. and Canon Dr.	50	10	35	35	2,069	2,170	21,195	10%	0	0	71.3
Brighton Way											
- Bet. Camden Dr. and Rodeo Dr.	30	10	25	25	562	379	4,705	10%	0	0	65.6
- Bet. Rodeo Dr. and Beverly Dr.	30	10	25	25	491	343	4,170	10%	0	0	65.1
- Bet. Beverly Dr. and Canon Dr.	30	10	25	25	409	402	4,055	10%	0	0	64.9

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.

FHWA Off-Site Traffic Noise Calculations

Project: Cheval Blanc

Modeling Condition: Cumulative Conditions

Traffic Distribution as % of ADT				
Vehicle Type	Day	Eve	Night	Sub total
Auto	77.6%	9.7%	9.7%	97.0%
Medium Truck	1.6%	0.2%	0.2%	2.0%
Heavy Truck	0.8%	0.1%	0.1%	1.0%
	80.0%	10.0%	10.0%	100.0%

Peak Hour Volume (PHV) to Average Daily Traffic (ADT):	10%
--	-----

Roadway Segment	Model Input									Model Results	
	Roadway Width*, ft	Distance to Edge of Roadway, ft	Distance to Centerline, feet	Speed mph	Traffic Volume			PHV to ADT factor	Barrier Atten.	Site Adjust., dBA	24-Hour CNEL
Rodeo Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	70	20	55	35	542	607	5,745	10%	0	0	63.5
- Bet. S. Santa Monica Blvd. and Brighton Wy.	45	10	32.5	35	655	905	7,800	10%	0	0	67.3
- Bet. Brighton Wy. and Wilshire Blvd.	45	10	32.5	35	430	876	6,530	10%	0	0	66.5
Beverly Drive											
- Bet. Carmelita Ave. and N. Santa Monica Blvd.	60	20	50	35	1,047	1,037	10,420	10%	0	0	66.5
- Bet. S. Santa Monica Blvd. and Brighton Wy.	50	10	35	35	1,398	1,438	14,180	10%	0	0	69.6
- Bet. Brighton Wy. and Wilshire Blvd.	50	10	35	35	1,295	1,271	12,830	10%	0	0	69.1
North Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	30	55	35	3,464	3,709	35,865	10%	0	0	71.5
- Bet. Rodeo Dr. and Beverly Dr.	50	30	55	35	3,497	3,702	35,995	10%	0	0	71.5
- Bet. Beverly Dr. and Canon Dr.	50	30	55	35	3,639	3,715	36,770	10%	0	0	71.6
South Santa Monica Boulevard											
- Bet. Camden Dr. and Rodeo Dr.	50	10	35	35	2,281	2,491	23,860	10%	0	0	71.8
- Bet. Rodeo Dr. and Beverly Dr.	50	10	35	35	2,452	2,713	25,825	10%	0	0	72.2
- Bet. Beverly Dr. and Canon Dr.	50	10	35	35	2,284	2,449	23,665	10%	0	0	71.8
Brighton Way											
- Bet. Camden Dr. and Rodeo Dr.	30	10	25	25	607	430	5,185	10%	0	0	66.0
- Bet. Rodeo Dr. and Beverly Dr.	30	10	25	25	533	382	4,575	10%	0	0	65.5
- Bet. Beverly Dr. and Canon Dr.	30	10	25	25	462	446	4,540	10%	0	0	65.4

* Estimated based on Google Earth map.

** Calculated using FHWA's TNM Version 2.5 Computer Noise Model.