



DOUGLASKIM+ASSOCIATES,LLC

FUTURE EMISSIONS

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Summer
EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied
6366 Hollywood Boulevard Future
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	57.00	Room	0.10	17,304.00	0
High Turnover (Sit Down Restaurant)	11.31	1000sqft	0.07	11,310.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Developer information
- Land Use - Developer information
- Construction Phase - Developer information
- Off-road Equipment - Consultant assumptions
- Off-road Equipment - Consultant assumptions
- Off-road Equipment - Consultant assumptions
- Off-road Equipment - Consultant assumptions
- Demolition - Assumes 975 CY of material @ 400 lb/CY = 195 tons
- Trips and VMT - Default assumptions
- Vehicle Trips - City of Los Angeles VMT Calculator, v1.3

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	64.00
tblConstructionPhase	NumDays	100.00	261.00
tblConstructionPhase	NumDays	100.00	86.00
tblConstructionPhase	NumDays	10.00	44.00
tblLandUse	LandUseSquareFeet	82,764.00	17,304.00

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tblLandUse	LotAcreage	1.90	0.10
tblLandUse	LotAcreage	0.26	0.07
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	4.00	7.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0.029
tblProjectCharacteristics	CO2IntensityFactor	691.98	1227.89
tblProjectCharacteristics	N2OIntensityFactor	0.004	0.006
tblTripsAndVMT	WorkerTripNumber	28.00	10.00
tblVehicleTrips	ST_TR	122.40	58.67
tblVehicleTrips	ST_TR	8.19	4.37
tblVehicleTrips	SU_TR	142.64	58.67
tblVehicleTrips	SU_TR	5.95	4.37
tblVehicleTrips	WD_TR	112.18	58.67
tblVehicleTrips	WD_TR	8.36	4.37

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Year	lb/day										lb/day					
2022	4.1861	39.4556	37.2215	0.0676	0.3682	1.9577	2.3259	0.0708	1.8486	1.9194	0.0000	6,510.1562	6,510.1562	1.3921	0.0182	6,549.2161
2023	9.4393	46.2349	56.9432	0.1017	0.3547	2.2035	2.5582	0.0955	2.1023	2.1978	0.0000	9,698.8983	9,698.8983	1.8809	0.0348	9,756.2894
Maximum	9.4393	46.2349	56.9432	0.1017	0.3682	2.2035	2.5582	0.0955	2.1023	2.1978	0.0000	9,698.8983	9,698.8983	1.8809	0.0348	9,756.2894

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.1861	39.4556	37.2215	0.0676	0.3682	1.9577	2.3259	0.0708	1.8486	1.9194	0.0000	6,510.1562	6,510.1562	1.3921	0.0182	6,549.2161
2023	9.4393	46.2349	56.9432	0.1017	0.3547	2.2035	2.5582	0.0955	2.1023	2.1978	0.0000	9,698.8983	9,698.8983	1.8809	0.0348	9,756.2894
Maximum	9.4393	46.2349	56.9432	0.1017	0.3682	2.2035	2.5582	0.0955	2.1023	2.1978	0.0000	9,698.8983	9,698.8983	1.8809	0.0348	9,756.2894

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

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Area	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005	0.0159
Energy	0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	978.0651
Mobile	2.0644	1.7160	16.3521	0.0317	3.1550	0.0241	3.1790	0.8404	0.0223	0.8627		3,263.0349	3,263.0349	0.2587	3,315.5612
Total	2.7934	2.5263	17.0396	0.0365	3.1550	0.0857	3.2406	0.8404	0.0839	0.9243		4,235.3372	4,235.3372	0.2774	4,293.6422

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005	0.0159	
Energy	0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	978.0651	
Mobile	2.0644	1.7160	16.3521	0.0317	3.1550	0.0241	3.1790	0.8404	0.0223	0.8627		3,263.0349	3,263.0349	0.2587	3,315.5612	
Total	2.7934	2.5263	17.0396	0.0365	3.1550	0.0857	3.2406	0.8404	0.0839	0.9243		4,235.3372	4,235.3372	0.2774	4,293.6422	

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2022	4/30/2022	5	44	
2	Building Construction	Building Construction	5/1/2022	5/1/2023	5	261	
3	Interior Finishing	Building Construction	1/1/2023	5/1/2023	5	86	

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4	Architectural Coating	Architectural Coating	2/1/2023	5/1/2023	5	64
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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 42,921; Non-Residential Outdoor: 14,307; Striped Parking Area: 0 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Forklifts	1	8.00	89	0.20
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Other Construction Equipment	1	8.00	172	0.42
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Building Construction	Aerial Lifts	1	8.00	63	0.31
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Other Material Handling Equipment	1	8.00	168	0.40
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Architectural Coating	Surfacing Equipment	1	8.00	263	0.30
Interior Finishing	Aerial Lifts	1	8.00	63	0.31
Interior Finishing	Air Compressors	1	8.00	78	0.48
Interior Finishing	Concrete/Industrial Saws	1	8.00	81	0.73
Interior Finishing	Cranes	1	7.00	231	0.29
Interior Finishing	Forklifts	3	8.00	89	0.20
Interior Finishing	Generator Sets	1	8.00	84	0.74
Interior Finishing	Tractors/Loaders/Backhoes	3	7.00	97	0.37

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Interior Finishing	Welders	1	8.00	46	0.45
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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	2	2.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	14	12.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	11	10.00	0.00	48.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Interior Finishing	12	12.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2373	0.0000	0.2373	0.0359	0.0000	0.0359			0.0000			0.0000
Off-Road	4.1464	39.2471	36.7846	0.0659		1.9556	1.9556		1.8467	1.8467		6,331.8770	6,331.8770	1.3854		6,366.5109
Total	4.1464	39.2471	36.7846	0.0659	0.2373	1.9556	2.1929	0.0359	1.8467	1.8826		6,331.8770	6,331.8770	1.3854		6,366.5109

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.0800e-003	0.1832	0.0427	6.8000e-004	0.0191	1.3600e-003	0.0205	5.2400e-003	1.3000e-003	6.5400e-003		74.2664	74.2664	3.9400e-003	0.0118	77.8765

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Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0346	0.0253	0.3941	1.0200e-003	0.1118	7.2000e-004	0.1125	0.0296	6.6000e-004	0.0303		104.0127	104.0127	2.8200e-003	2.5000e-003	104.8288
Total	0.0397	0.2085	0.4369	1.7000e-003	0.1309	2.0800e-003	0.1330	0.0349	1.9600e-003	0.0368		178.2791	178.2791	6.7600e-003	0.0143	182.7053

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2373	0.0000	0.2373	0.0359	0.0000	0.0359			0.0000			0.0000
Off-Road	4.1464	39.2471	36.7846	0.0659		1.9556	1.9556		1.8467	1.8467	0.0000	6,331.8770	6,331.8770	1.3854		6,366.5109
Total	4.1464	39.2471	36.7846	0.0659	0.2373	1.9556	2.1929	0.0359	1.8467	1.8826	0.0000	6,331.8770	6,331.8770	1.3854		6,366.5109

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.0800e-003	0.1832	0.0427	6.8000e-004	0.0191	1.3600e-003	0.0205	5.2400e-003	1.3000e-003	6.5400e-003		74.2664	74.2664	3.9400e-003	0.0118	77.8765
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0346	0.0253	0.3941	1.0200e-003	0.1118	7.2000e-004	0.1125	0.0296	6.6000e-004	0.0303		104.0127	104.0127	2.8200e-003	2.5000e-003	104.8288
Total	0.0397	0.2085	0.4369	1.7000e-003	0.1309	2.0800e-003	0.1330	0.0349	1.9600e-003	0.0368		178.2791	178.2791	6.7600e-003	0.0143	182.7053

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3.3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8247	25.0817	29.1632	0.0487		1.2831	1.2831		1.2229	1.2229		4,612.6995	4,612.6995	0.9375		4,636.1372
Total	2.8247	25.0817	29.1632	0.0487		1.2831	1.2831		1.2229	1.2229		4,612.6995	4,612.6995	0.9375		4,636.1372

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8400e-003	0.2449	0.0840	9.8000e-004	0.0320	2.3300e-003	0.0344	9.2200e-003	2.2300e-003	0.0115		105.2308	105.2308	3.5200e-003	0.0152	109.8376
Worker	0.0415	0.0303	0.4730	1.2300e-003	0.1341	8.6000e-004	0.1350	0.0356	7.9000e-004	0.0364		124.8153	124.8153	3.3800e-003	3.0000e-003	125.7945
Total	0.0514	0.2752	0.5569	2.2100e-003	0.1662	3.1900e-003	0.1694	0.0448	3.0200e-003	0.0478		230.0461	230.0461	6.9000e-003	0.0182	235.6321

Mitigated Construction On-Site

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8247	25.0817	29.1632	0.0487		1.2831	1.2831		1.2229	1.2229	0.0000	4,612.6995	4,612.6995	0.9375		4,636.1372
Total	2.8247	25.0817	29.1632	0.0487		1.2831	1.2831		1.2229	1.2229	0.0000	4,612.6995	4,612.6995	0.9375		4,636.1372

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8400e-003	0.2449	0.0840	9.8000e-004	0.0320	2.3300e-003	0.0344	9.2200e-003	2.2300e-003	0.0115		105.2308	105.2308	3.5200e-003	0.0152	109.8376
Worker	0.0415	0.0303	0.4730	1.2300e-003	0.1341	8.6000e-004	0.1350	0.0356	7.9000e-004	0.0364		124.8153	124.8153	3.3800e-003	3.0000e-003	125.7945
Total	0.0514	0.2752	0.5569	2.2100e-003	0.1662	3.1900e-003	0.1694	0.0448	3.0200e-003	0.0478		230.0461	230.0461	6.9000e-003	0.0182	235.6321

3.3 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6287	23.1970	29.0142	0.0487		1.1200	1.1200		1.0672	1.0672		4,613.5755	4,613.5755	0.9270		4,636.7503
Total	2.6287	23.1970	29.0142	0.0487		1.1200	1.1200		1.0672	1.0672		4,613.5755	4,613.5755	0.9270		4,636.7503

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7600e-003	0.1919	0.0744	9.3000e-004	0.0320	9.6000e-004	0.0330	9.2200e-003	9.2000e-004	0.0101		100.1412	100.1412	3.3600e-003	0.0144	104.5156
Worker	0.0384	0.0268	0.4349	1.1900e-003	0.1341	8.1000e-004	0.1349	0.0356	7.5000e-004	0.0363		121.5135	121.5135	3.0300e-003	2.7700e-003	122.4145
Total	0.0442	0.2187	0.5092	2.1200e-003	0.1662	1.7700e-003	0.1679	0.0448	1.6700e-003	0.0465		221.6548	221.6548	6.3900e-003	0.0172	226.9301

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6287	23.1970	29.0142	0.0487		1.1200	1.1200		1.0672	1.0672	0.0000	4,613.5755	4,613.5755	0.9270		4,636.7503
Total	2.6287	23.1970	29.0142	0.0487		1.1200	1.1200		1.0672	1.0672	0.0000	4,613.5755	4,613.5755	0.9270		4,636.7503

Mitigated Construction Off-Site

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7600e-003	0.1919	0.0744	9.3000e-004	0.0320	9.6000e-004	0.0330	9.2200e-003	9.2000e-004	0.0101		100.1412	100.1412	3.3600e-003	0.0144	104.5156
Worker	0.0384	0.0268	0.4349	1.1900e-003	0.1341	8.1000e-004	0.1349	0.0356	7.5000e-004	0.0363		121.5135	121.5135	3.0300e-003	2.7700e-003	122.4145
Total	0.0442	0.2187	0.5092	2.1200e-003	0.1662	1.7700e-003	0.1679	0.0448	1.6700e-003	0.0465		221.6548	221.6548	6.3900e-003	0.0172	226.9301

3.4 Interior Finishing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1967	19.2397	23.4082	0.0388		0.9316	0.9316		0.8896	0.8896		3,685.7595	3,685.7595	0.7121		3,703.5618
Total	2.1967	19.2397	23.4082	0.0388		0.9316	0.9316		0.8896	0.8896		3,685.7595	3,685.7595	0.7121		3,703.5618

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7600e-003	0.1919	0.0744	9.3000e-004	0.0320	9.6000e-004	0.0330	9.2200e-003	9.2000e-004	0.0101		100.1412	100.1412	3.3600e-003	0.0144	104.5156

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Worker	0.0384	0.0268	0.4349	1.1900e-003	0.1341	8.1000e-004	0.1349	0.0356	7.5000e-004	0.0363		121.5135	121.5135	3.0300e-003	2.7700e-003	122.4145
Total	0.0442	0.2187	0.5092	2.1200e-003	0.1662	1.7700e-003	0.1679	0.0448	1.6700e-003	0.0465		221.6548	221.6548	6.3900e-003	0.0172	226.9301

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1967	19.2397	23.4082	0.0388		0.9316	0.9316		0.8896	0.8896	0.0000	3,685.7595	3,685.7595	0.7121		3,703.5618
Total	2.1967	19.2397	23.4082	0.0388		0.9316	0.9316		0.8896	0.8896	0.0000	3,685.7595	3,685.7595	0.7121		3,703.5618

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7600e-003	0.1919	0.0744	9.3000e-004	0.0320	9.6000e-004	0.0330	9.2200e-003	9.2000e-004	0.0101		100.1412	100.1412	3.3600e-003	0.0144	104.5156
Worker	0.0384	0.0268	0.4349	1.1900e-003	0.1341	8.1000e-004	0.1349	0.0356	7.5000e-004	0.0363		121.5135	121.5135	3.0300e-003	2.7700e-003	122.4145
Total	0.0442	0.2187	0.5092	2.1200e-003	0.1662	1.7700e-003	0.1679	0.0448	1.6700e-003	0.0465		221.6548	221.6548	6.3900e-003	0.0172	226.9301

3.5 Architectural Coating - 2023

Unmitigated Construction On-Site

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.1446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3746	3.3563	3.4299	9.7400e-003		0.1482	0.1482		0.1420	0.1420		936.0015	936.0015	0.2285		941.7148
Total	4.5192	3.3563	3.4299	9.7400e-003		0.1482	0.1482		0.1420	0.1420		936.0015	936.0015	0.2285		941.7148

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-003	4.4700e-003	0.0725	2.0000e-004	0.0224	1.3000e-004	0.0225	5.9300e-003	1.2000e-004	6.0500e-003		20.2523	20.2523	5.0000e-004	4.6000e-004	20.4024
Total	6.4000e-003	4.4700e-003	0.0725	2.0000e-004	0.0224	1.3000e-004	0.0225	5.9300e-003	1.2000e-004	6.0500e-003		20.2523	20.2523	5.0000e-004	4.6000e-004	20.4024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Archit. Coating	4.1446					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Off-Road	0.3746	3.3563	3.4299	9.7400e-003		0.1482	0.1482			0.1420	0.1420	0.0000	936.0015	936.0015	0.2285	941.7148
Total	4.5192	3.3563	3.4299	9.7400e-003		0.1482	0.1482			0.1420	0.1420	0.0000	936.0015	936.0015	0.2285	941.7148

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-003	4.4700e-003	0.0725	2.0000e-004	0.0224	1.3000e-004	0.0225	5.9300e-003	1.2000e-004	6.0500e-003		20.2523	20.2523	5.0000e-004	4.6000e-004	20.4024
Total	6.4000e-003	4.4700e-003	0.0725	2.0000e-004	0.0224	1.3000e-004	0.0225	5.9300e-003	1.2000e-004	6.0500e-003		20.2523	20.2523	5.0000e-004	4.6000e-004	20.4024

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.0644	1.7160	16.3521	0.0317	3.1550	0.0241	3.1790	0.8404	0.0223	0.8627		3,263.0349	3,263.0349	0.2587	0.1546	3,315.5612
Unmitigated	2.0644	1.7160	16.3521	0.0317	3.1550	0.0241	3.1790	0.8404	0.0223	0.8627		3,263.0349	3,263.0349	0.2587	0.1546	3,315.5612

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Summer
EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	663.56	663.56	663.56	904,317	904,317
Hotel	249.09	249.09	249.09	594,371	594,371
Total	912.65	912.65	912.65	1,498,688	1,498,688

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High Turnover (Sit Down Restaurant)	0.544785	0.062844	0.187478	0.127235	0.023089	0.006083	0.010475	0.008012	0.000925	0.000611	0.024394	0.000698	0.003374
Hotel	0.544785	0.062844	0.187478	0.127235	0.023089	0.006083	0.010475	0.008012	0.000925	0.000611	0.024394	0.000698	0.003374

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
Natural Gas Mitigated	0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	0.0178	978.0651
Natural Gas Unmitigated	0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	0.0178	978.0651

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Summer
EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
High Turnover (Sit Down Restaurant)	7137.07	0.0770	0.6997	0.5878	4.2000e-003		0.0532	0.0532		0.0532	0.0532		839.6559	839.6559	0.0161	0.0154	844.6455
Hotel	1127.37	0.0122	0.1105	0.0928	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003		132.6315	132.6315	2.5400e-003	2.4300e-003	133.4196
Total		0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	0.0178	978.0651

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
High Turnover (Sit Down Restaurant)	7.13707	0.0770	0.6997	0.5878	4.2000e-003		0.0532	0.0532		0.0532	0.0532		839.6559	839.6559	0.0161	0.0154	844.6455
Hotel	1.12737	0.0122	0.1105	0.0928	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003		132.6315	132.6315	2.5400e-003	2.4300e-003	133.4196
Total		0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	0.0178	978.0651

6.0 Area Detail

6.1 Mitigation Measures Area

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159
Unmitigated	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5666					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.5000e-004	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159
Total	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

SubCategory	lb/day								lb/day								
	Architectural Coating	0.0727					0.0000	0.0000			0.0000	0.0000			0.0000		
Consumer Products	0.5666					0.0000	0.0000			0.0000	0.0000			0.0000			0.0000
Landscaping	6.5000e-004	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005			2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159
Total	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005			2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied
6366 Hollywood Boulevard Future
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	57.00	Room	0.10	17,304.00	0
High Turnover (Sit Down Restaurant)	11.31	1000sqft	0.07	11,310.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Developer information
- Land Use - Developer information
- Construction Phase - Developer information
- Off-road Equipment - Consultant assumptions
- Off-road Equipment - Consultant assumptions
- Off-road Equipment - Consultant assumptions
- Off-road Equipment - Consultant assumptions
- Demolition - Assumes 975 CY of material @ 400 lb/CY = 195 tons
- Trips and VMT - Default assumptions
- Vehicle Trips - City of Los Angeles VMT Calculator, v1.3

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	64.00
tblConstructionPhase	NumDays	100.00	261.00
tblConstructionPhase	NumDays	100.00	86.00
tblConstructionPhase	NumDays	10.00	44.00
tblLandUse	LandUseSquareFeet	82,764.00	17,304.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblLandUse	LotAcreage	1.90	0.10
tblLandUse	LotAcreage	0.26	0.07
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	4.00	7.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0.029
tblProjectCharacteristics	CO2IntensityFactor	691.98	1227.89
tblProjectCharacteristics	N2OIntensityFactor	0.004	0.006
tblTripsAndVMT	WorkerTripNumber	28.00	10.00
tblVehicleTrips	ST_TR	122.40	58.67
tblVehicleTrips	ST_TR	8.19	4.37
tblVehicleTrips	SU_TR	142.64	58.67
tblVehicleTrips	SU_TR	5.95	4.37
tblVehicleTrips	WD_TR	112.18	58.67
tblVehicleTrips	WD_TR	8.36	4.37

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2022	0.3437	3.0885	3.4166	5.9300e-003	0.0223	0.1556	0.1779	5.4000e-003	0.1479	0.1533	0.0000	513.8785	513.8785	0.1028	1.7500e-003	516.9698
2023	0.3561	1.9523	2.4079	4.2600e-003	0.0147	0.0931	0.1078	3.9700e-003	0.0888	0.0928	0.0000	368.4183	368.4183	0.0711	1.3700e-003	370.6050
Maximum	0.3561	3.0885	3.4166	5.9300e-003	0.0223	0.1556	0.1779	5.4000e-003	0.1479	0.1533	0.0000	513.8785	513.8785	0.1028	1.7500e-003	516.9698

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.3437	3.0885	3.4166	5.9300e-003	0.0223	0.1556	0.1779	5.4000e-003	0.1479	0.1533	0.0000	513.8779	513.8779	0.1028	1.7500e-003	516.9692
2023	0.3561	1.9523	2.4079	4.2600e-003	0.0147	0.0931	0.1078	3.9700e-003	0.0888	0.0928	0.0000	368.4179	368.4179	0.0711	1.3700e-003	370.6046
Maximum	0.3561	3.0885	3.4166	5.9300e-003	0.0223	0.1556	0.1779	5.4000e-003	0.1479	0.1533	0.0000	513.8779	513.8779	0.1028	1.7500e-003	516.9692

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	3-1-2022	5-31-2022	1.2635	1.2635
2	6-1-2022	8-31-2022	0.9277	0.9277
3	9-1-2022	11-30-2022	0.9179	0.9179
4	12-1-2022	2-28-2023	1.3992	1.3992
5	3-1-2023	5-31-2023	1.2331	1.2331
		Highest	1.3992	1.3992

2.2 Overall Operational
Unmitigated Operational

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1167	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.7000e-003	1.7000e-003	0.0000	0.0000	1.8100e-003
Energy	0.0163	0.1479	0.1242	8.9000e-004		0.0112	0.0112		0.0112	0.0112	0.0000	503.9923	503.9923	0.0112	4.6300e-003	505.6509
Mobile	0.3570	0.3405	2.9999	5.5800e-003	0.5630	4.3700e-003	0.5674	0.1502	4.0600e-003	0.1543	0.0000	521.7565	521.7565	0.0445	0.0268	530.8528
Waste						0.0000	0.0000		0.0000	0.0000	33.6559	0.0000	33.6559	1.9890	0.0000	83.3811
Water						0.0000	0.0000		0.0000	0.0000	1.5478	37.7326	39.2804	0.1599	3.9400e-003	44.4507
Total	0.4901	0.4883	3.1249	6.4700e-003	0.5630	0.0156	0.5786	0.1502	0.0153	0.1655	35.2037	1,063.4831	1,098.6868	2.2046	0.0354	1,164.3373

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1167	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.7000e-003	1.7000e-003	0.0000	0.0000	1.8100e-003
Energy	0.0163	0.1479	0.1242	8.9000e-004		0.0112	0.0112		0.0112	0.0112	0.0000	503.9923	503.9923	0.0112	4.6300e-003	505.6509
Mobile	0.3570	0.3405	2.9999	5.5800e-003	0.5630	4.3700e-003	0.5674	0.1502	4.0600e-003	0.1543	0.0000	521.7565	521.7565	0.0445	0.0268	530.8528
Waste						0.0000	0.0000		0.0000	0.0000	33.6559	0.0000	33.6559	1.9890	0.0000	83.3811
Water						0.0000	0.0000		0.0000	0.0000	1.5478	37.7326	39.2804	0.1599	3.9400e-003	44.4507
Total	0.4901	0.4883	3.1249	6.4700e-003	0.5630	0.0156	0.5786	0.1502	0.0153	0.1655	35.2037	1,063.4831	1,098.6868	2.2046	0.0354	1,164.3373

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2022	4/30/2022	5	44	
2	Building Construction	Building Construction	5/1/2022	5/1/2023	5	261	
3	Interior Finishing	Building Construction	1/1/2023	5/1/2023	5	86	
4	Architectural Coating	Architectural Coating	2/1/2023	5/1/2023	5	64	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 42,921; Non-Residential Outdoor: 14,307; Striped Parking Area: 0 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Forklifts	1	8.00	89	0.20
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Other Construction Equipment	1	8.00	172	0.42
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Building Construction	Aerial Lifts	1	8.00	63	0.31
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Other Material Handling Equipment	1	8.00	168	0.40
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

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Architectural Coating	Air Compressors	1	6.00	78	0.48
Architectural Coating	Surfacing Equipment	1	8.00	263	0.30
Interior Finishing	Aerial Lifts	1	8.00	63	0.31
Interior Finishing	Air Compressors	1	8.00	78	0.48
Interior Finishing	Concrete/Industrial Saws	1	8.00	81	0.73
Interior Finishing	Cranes	1	7.00	231	0.29
Interior Finishing	Forklifts	3	8.00	89	0.20
Interior Finishing	Generator Sets	1	8.00	84	0.74
Interior Finishing	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Interior Finishing	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	2	2.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	14	12.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	11	10.00	0.00	48.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Interior Finishing	12	12.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.2200e-003	0.0000	5.2200e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0912	0.8634	0.8093	1.4500e-003		0.0430	0.0430		0.0406	0.0406	0.0000	126.3720	126.3720	0.0277	0.0000	127.0632
Total	0.0912	0.8634	0.8093	1.4500e-003	5.2200e-003	0.0430	0.0482	7.9000e-004	0.0406	0.0414	0.0000	126.3720	126.3720	0.0277	0.0000	127.0632

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	4.2500e-003	9.5000e-004	1.0000e-005	4.1000e-004	3.0000e-005	4.4000e-004	1.1000e-004	3.0000e-005	1.4000e-004	0.0000	1.4824	1.4824	8.0000e-005	2.4000e-004	1.5545
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.5000e-004	6.3000e-004	8.1700e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9956	1.9956	6.0000e-005	5.0000e-005	2.0131
Total	8.6000e-004	4.8800e-003	9.1200e-003	3.0000e-005	2.8200e-003	5.0000e-005	2.8700e-003	7.5000e-004	4.0000e-005	7.9000e-004	0.0000	3.4780	3.4780	1.4000e-004	2.9000e-004	3.5676

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.2200e-003	0.0000	5.2200e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0912	0.8634	0.8093	1.4500e-003		0.0430	0.0430		0.0406	0.0406	0.0000	126.3719	126.3719	0.0277	0.0000	127.0631
Total	0.0912	0.8634	0.8093	1.4500e-003	5.2200e-003	0.0430	0.0482	7.9000e-004	0.0406	0.0414	0.0000	126.3719	126.3719	0.0277	0.0000	127.0631

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category	tons/yr										MT/yr					
Hauling	1.1000e-004	4.2500e-003	9.5000e-004	1.0000e-005	4.1000e-004	3.0000e-005	4.4000e-004	1.1000e-004	3.0000e-005	1.4000e-004	0.0000	1.4824	1.4824	8.0000e-005	2.4000e-004	1.5545
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.5000e-004	6.3000e-004	8.1700e-003	2.0000e-005	2.4100e-003	2.0000e-005	2.4300e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.9956	1.9956	6.0000e-005	5.0000e-005	2.0131
Total	8.6000e-004	4.8800e-003	9.1200e-003	3.0000e-005	2.8200e-003	5.0000e-005	2.8700e-003	7.5000e-004	4.0000e-005	7.9000e-004	0.0000	3.4780	3.4780	1.4000e-004	2.9000e-004	3.5676

3.3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2472	2.1947	2.5518	4.2600e-003		0.1123	0.1123		0.1070	0.1070	0.0000	366.1499	366.1499	0.0744	0.0000	368.0104
Total	0.2472	2.1947	2.5518	4.2600e-003		0.1123	0.1123		0.1070	0.1070	0.0000	366.1499	366.1499	0.0744	0.0000	368.0104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.5000e-004	0.0225	7.4600e-003	9.0000e-005	2.7600e-003	2.0000e-004	2.9600e-003	8.0000e-004	2.0000e-004	9.9000e-004	0.0000	8.3544	8.3544	2.8000e-004	1.2100e-003	8.7205
Worker	3.6000e-003	3.0000e-003	0.0390	1.0000e-004	0.0115	8.0000e-005	0.0116	3.0600e-003	7.0000e-005	3.1300e-003	0.0000	9.5242	9.5242	2.7000e-004	2.6000e-004	9.6081
Total	4.4500e-003	0.0255	0.0464	1.9000e-004	0.0143	2.8000e-004	0.0145	3.8600e-003	2.7000e-004	4.1200e-003	0.0000	17.8786	17.8786	5.5000e-004	1.4700e-003	18.3286

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2472	2.1947	2.5518	4.2600e-003		0.1123	0.1123		0.1070	0.1070	0.0000	366.1495	366.1495	0.0744	0.0000	368.0099
Total	0.2472	2.1947	2.5518	4.2600e-003		0.1123	0.1123		0.1070	0.1070	0.0000	366.1495	366.1495	0.0744	0.0000	368.0099

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.5000e-004	0.0225	7.4600e-003	9.0000e-005	2.7600e-003	2.0000e-004	2.9600e-003	8.0000e-004	2.0000e-004	9.9000e-004	0.0000	8.3544	8.3544	2.8000e-004	1.2100e-003	8.7205
Worker	3.6000e-003	3.0000e-003	0.0390	1.0000e-004	0.0115	8.0000e-005	0.0116	3.0600e-003	7.0000e-005	3.1300e-003	0.0000	9.5242	9.5242	2.7000e-004	2.6000e-004	9.6081
Total	4.4500e-003	0.0255	0.0464	1.9000e-004	0.0143	2.8000e-004	0.0145	3.8600e-003	2.7000e-004	4.1200e-003	0.0000	17.8786	17.8786	5.5000e-004	1.4700e-003	18.3286

3.3 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category	tons/yr										MT/yr					
Off-Road	0.1130	0.9975	1.2476	2.0900e-003		0.0482	0.0482		0.0459	0.0459	0.0000	179.9707	179.9707	0.0362	0.0000	180.8747
Total	0.1130	0.9975	1.2476	2.0900e-003		0.0482	0.0482		0.0459	0.0459	0.0000	179.9707	179.9707	0.0362	0.0000	180.8747

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.6600e-003	3.2400e-003	4.0000e-005	1.3500e-003	4.0000e-005	1.4000e-003	3.9000e-004	4.0000e-005	4.3000e-004	0.0000	3.9092	3.9092	1.3000e-004	5.6000e-004	4.0801
Worker	1.6400e-003	1.3000e-003	0.0176	5.0000e-005	5.6500e-003	3.0000e-005	5.6900e-003	1.5000e-003	3.0000e-005	1.5300e-003	0.0000	4.5572	4.5572	1.2000e-004	1.2000e-004	4.5951
Total	1.8800e-003	9.9600e-003	0.0209	9.0000e-005	7.0000e-003	7.0000e-005	7.0900e-003	1.8900e-003	7.0000e-005	1.9600e-003	0.0000	8.4664	8.4664	2.5000e-004	6.8000e-004	8.6752

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1130	0.9975	1.2476	2.0900e-003		0.0482	0.0482		0.0459	0.0459	0.0000	179.9705	179.9705	0.0362	0.0000	180.8745
Total	0.1130	0.9975	1.2476	2.0900e-003		0.0482	0.0482		0.0459	0.0459	0.0000	179.9705	179.9705	0.0362	0.0000	180.8745

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.6600e-003	3.2400e-003	4.0000e-005	1.3500e-003	4.0000e-005	1.4000e-003	3.9000e-004	4.0000e-005	4.3000e-004	0.0000	3.9092	3.9092	1.3000e-004	5.6000e-004	4.0801
Worker	1.6400e-003	1.3000e-003	0.0176	5.0000e-005	5.6500e-003	3.0000e-005	5.6900e-003	1.5000e-003	3.0000e-005	1.5300e-003	0.0000	4.5572	4.5572	1.2000e-004	1.2000e-004	4.5951
Total	1.8800e-003	9.9600e-003	0.0209	9.0000e-005	7.0000e-003	7.0000e-005	7.0900e-003	1.8900e-003	7.0000e-005	1.9600e-003	0.0000	8.4664	8.4664	2.5000e-004	6.8000e-004	8.6752

3.4 Interior Finishing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0945	0.8273	1.0066	1.6700e-003		0.0401	0.0401		0.0383	0.0383	0.0000	143.7776	143.7776	0.0278	0.0000	144.4720
Total	0.0945	0.8273	1.0066	1.6700e-003		0.0401	0.0401		0.0383	0.0383	0.0000	143.7776	143.7776	0.0278	0.0000	144.4720

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

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Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.6600e-003	3.2400e-003	4.0000e-005	1.3500e-003	4.0000e-005	1.4000e-003	3.9000e-004	4.0000e-005	4.3000e-004	0.0000	3.9092	3.9092	1.3000e-004	5.6000e-004	4.0801
Worker	1.6400e-003	1.3000e-003	0.0176	5.0000e-005	5.6500e-003	3.0000e-005	5.6900e-003	1.5000e-003	3.0000e-005	1.5300e-003	0.0000	4.5572	4.5572	1.2000e-004	1.2000e-004	4.5951
Total	1.8800e-003	9.9600e-003	0.0209	9.0000e-005	7.0000e-003	7.0000e-005	7.0900e-003	1.8900e-003	7.0000e-005	1.9600e-003	0.0000	8.4664	8.4664	2.5000e-004	6.8000e-004	8.6752

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0945	0.8273	1.0066	1.6700e-003		0.0401	0.0401		0.0383	0.0383	0.0000	143.7774	143.7774	0.0278	0.0000	144.4719
Total	0.0945	0.8273	1.0066	1.6700e-003		0.0401	0.0401		0.0383	0.0383	0.0000	143.7774	143.7774	0.0278	0.0000	144.4719

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.6600e-003	3.2400e-003	4.0000e-005	1.3500e-003	4.0000e-005	1.4000e-003	3.9000e-004	4.0000e-005	4.3000e-004	0.0000	3.9092	3.9092	1.3000e-004	5.6000e-004	4.0801
Worker	1.6400e-003	1.3000e-003	0.0176	5.0000e-005	5.6500e-003	3.0000e-005	5.6900e-003	1.5000e-003	3.0000e-005	1.5300e-003	0.0000	4.5572	4.5572	1.2000e-004	1.2000e-004	4.5951
Total	1.8800e-003	9.9600e-003	0.0209	9.0000e-005	7.0000e-003	7.0000e-005	7.0900e-003	1.8900e-003	7.0000e-005	1.9600e-003	0.0000	8.4664	8.4664	2.5000e-004	6.8000e-004	8.6752

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3.5 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0120	0.1074	0.1098	3.1000e-004		4.7400e-003	4.7400e-003		4.5400e-003	4.5400e-003	0.0000	27.1720	27.1720	6.6300e-003	0.0000	27.3379
Total	0.1446	0.1074	0.1098	3.1000e-004		4.7400e-003	4.7400e-003		4.5400e-003	4.5400e-003	0.0000	27.1720	27.1720	6.6300e-003	0.0000	27.3379

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.6000e-004	2.1900e-003	1.0000e-005	7.0000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5652	0.5652	1.0000e-005	1.0000e-005	0.5699
Total	2.0000e-004	1.6000e-004	2.1900e-003	1.0000e-005	7.0000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5652	0.5652	1.0000e-005	1.0000e-005	0.5699

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Archit. Coating	0.1326					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Off-Road	0.0120	0.1074	0.1098	3.1000e-004		4.7400e-003	4.7400e-003		4.5400e-003	4.5400e-003	0.0000	27.1720	27.1720	6.6300e-003	0.0000	27.3379
Total	0.1446	0.1074	0.1098	3.1000e-004		4.7400e-003	4.7400e-003		4.5400e-003	4.5400e-003	0.0000	27.1720	27.1720	6.6300e-003	0.0000	27.3379

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0000e-004	1.6000e-004	2.1900e-003	1.0000e-005	7.0000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5652	0.5652	1.0000e-005	1.0000e-005	0.5699
Total	2.0000e-004	1.6000e-004	2.1900e-003	1.0000e-005	7.0000e-004	0.0000	7.1000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.5652	0.5652	1.0000e-005	1.0000e-005	0.5699

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

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Mitigated	0.3570	0.3405	2.9999	5.5800e-003	0.5630	4.3700e-003	0.5674	0.1502	4.0600e-003	0.1543	0.0000	521.7565	521.7565	0.0445	0.0268	530.8528
Unmitigated	0.3570	0.3405	2.9999	5.5800e-003	0.5630	4.3700e-003	0.5674	0.1502	4.0600e-003	0.1543	0.0000	521.7565	521.7565	0.0445	0.0268	530.8528

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	663.56	663.56	663.56	904,317	904,317
Hotel	249.09	249.09	249.09	594,371	594,371
Total	912.65	912.65	912.65	1,498,688	1,498,688

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High Turnover (Sit Down Restaurant)	0.544785	0.062844	0.187478	0.127235	0.023089	0.006083	0.010475	0.008012	0.000925	0.000611	0.024394	0.000698	0.003374
Hotel	0.544785	0.062844	0.187478	0.127235	0.023089	0.006083	0.010475	0.008012	0.000925	0.000611	0.024394	0.000698	0.003374

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	343.0192	343.0192	8.1000e-003	1.6800e-003	343.7212

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Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	343.0192	343.0192	8.1000e-003	1.6800e-003	343.7212
Natural Gas Mitigated	0.0163	0.1479	0.1242	8.9000e-004		0.0112	0.0112		0.0112	0.0112	0.0000	160.9731	160.9731	3.0900e-003	2.9500e-003	161.9297
Natural Gas Unmitigated	0.0163	0.1479	0.1242	8.9000e-004		0.0112	0.0112		0.0112	0.0112	0.0000	160.9731	160.9731	3.0900e-003	2.9500e-003	161.9297

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
High Turnover (Sit Down Restaurant)	2.60503e+06	0.0141	0.1277	0.1073	7.7000e-004		9.7100e-003	9.7100e-003		9.7100e-003	9.7100e-003	0.0000	139.0144	139.0144	2.6600e-003	2.5500e-003	139.8405
Hotel	411489	2.2200e-003	0.0202	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	21.9586	21.9586	4.2000e-004	4.0000e-004	22.0891
Total		0.0163	0.1479	0.1242	8.9000e-004		0.0112	0.0112		0.0112	0.0112	0.0000	160.9731	160.9731	3.0800e-003	2.9500e-003	161.9297

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
High Turnover (Sit Down Restaurant)	2.60503e+06	0.0141	0.1277	0.1073	7.7000e-004		9.7100e-003	9.7100e-003		9.7100e-003	9.7100e-003	0.0000	139.0144	139.0144	2.6600e-003	2.5500e-003	139.8405
Hotel	411489	2.2200e-003	0.0202	0.0169	1.2000e-004		1.5300e-003	1.5300e-003		1.5300e-003	1.5300e-003	0.0000	21.9586	21.9586	4.2000e-004	4.0000e-004	22.0891
Total		0.0163	0.1479	0.1242	8.9000e-004		0.0112	0.0112		0.0112	0.0112	0.0000	160.9731	160.9731	3.0800e-003	2.9500e-003	161.9297

5.3 Energy by Land Use - Electricity

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Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High Turnover (Sit Down Restaurant)	489384	272.5679	6.4400e-003	1.3300e-003	273.1257
Hotel	126492	70.4513	1.6600e-003	3.4000e-004	70.5955
Total		343.0192	8.1000e-003	1.6700e-003	343.7212

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
High Turnover (Sit Down Restaurant)	489384	272.5679	6.4400e-003	1.3300e-003	273.1257
Hotel	126492	70.4513	1.6600e-003	3.4000e-004	70.5955
Total		343.0192	8.1000e-003	1.6700e-003	343.7212

6.0 Area Detail

6.1 Mitigation Measures Area

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1167	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.7000e-003	1.7000e-003	0.0000	0.0000	1.8100e-003
Unmitigated	0.1167	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.7000e-003	1.7000e-003	0.0000	0.0000	1.8100e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0133					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1034					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.0000e-005	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.7000e-003	1.7000e-003	0.0000	0.0000	1.8100e-003
Total	0.1167	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.7000e-003	1.7000e-003	0.0000	0.0000	1.8100e-003

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0133					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1034					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.0000e-005	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.7000e-003	1.7000e-003	0.0000	0.0000	1.8100e-003

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Total	0.1167	1.0000e-005	8.7000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.7000e-003	1.7000e-003	0.0000	0.0000	1.8100e-003
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7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	39.2804	0.1599	3.9400e-003	44.4507
Unmitigated	39.2804	0.1599	3.9400e-003	44.4507

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High Turnover (Sit Down Restaurant)	3.43297 / 0.219126	27.3416	0.1125	2.7700e-003	30.9790
Hotel	1.44591 / 0.160656	11.9388	0.0474	1.1700e-003	13.4717
Total		39.2804	0.1599	3.9400e-003	44.4507

Mitigated

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Indoor/Outdoor Use		Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
High Turnover (Sit Down Restaurant)	3.43297 / 0.219126	27.3416	0.1125	2.7700e-003	30.9790
Hotel	1.44591 / 0.160656	11.9388	0.0474	1.1700e-003	13.4717
Total		39.2804	0.1599	3.9400e-003	44.4507

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	33.6559	1.9890	0.0000	83.3811
Unmitigated	33.6559	1.9890	0.0000	83.3811

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

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High Turnover (Sit Down Restaurant)	134.59	27.3206	1.6146	0.0000	67.6855
Hotel	31.21	6.3354	0.3744	0.0000	15.6956
Total		33.6559	1.9890	0.0000	83.3811

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
High Turnover (Sit Down Restaurant)	134.59	27.3206	1.6146	0.0000	67.6855
Hotel	31.21	6.3354	0.3744	0.0000	15.6956
Total		33.6559	1.9890	0.0000	83.3811

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter
EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied
6366 Hollywood Boulevard Future
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Hotel	57.00	Room	0.10	17,304.00	0
High Turnover (Sit Down Restaurant)	11.31	1000sqft	0.07	11,310.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2023
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Developer information
- Land Use - Developer information
- Construction Phase - Developer information
- Off-road Equipment - Consultant assumptions
- Off-road Equipment - Consultant assumptions
- Off-road Equipment - Consultant assumptions
- Off-road Equipment - Consultant assumptions
- Demolition - Assumes 975 CY of material @ 400 lb/CY = 195 tons
- Trips and VMT - Default assumptions
- Vehicle Trips - City of Los Angeles VMT Calculator, v1.3

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	5.00	64.00
tblConstructionPhase	NumDays	100.00	261.00
tblConstructionPhase	NumDays	100.00	86.00
tblConstructionPhase	NumDays	10.00	44.00
tblLandUse	LandUseSquareFeet	82,764.00	17,304.00

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tblLandUse	LotAcreage	1.90	0.10
tblLandUse	LotAcreage	0.26	0.07
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	4.00	7.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0.029
tblProjectCharacteristics	CO2IntensityFactor	691.98	1227.89
tblProjectCharacteristics	N2OIntensityFactor	0.004	0.006
tblTripsAndVMT	WorkerTripNumber	28.00	10.00
tblVehicleTrips	ST_TR	122.40	58.67
tblVehicleTrips	ST_TR	8.19	4.37
tblVehicleTrips	SU_TR	142.64	58.67
tblVehicleTrips	SU_TR	5.95	4.37
tblVehicleTrips	WD_TR	112.18	58.67
tblVehicleTrips	WD_TR	8.36	4.37

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Area	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159
Energy	0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	0.0178	978.0651
Mobile	2.0090	1.8551	16.4288	0.0304	3.1550	0.0241	3.1790	0.8404	0.0223	0.8627		3,127.5696	3,127.5696	0.2717	0.1620	3,182.6340
Total	2.7380	2.6654	17.1164	0.0352	3.1550	0.0857	3.2406	0.8404	0.0839	0.9243		4,099.8719	4,099.8719	0.2904	0.1798	4,160.7151

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159
Energy	0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	0.0178	978.0651
Mobile	2.0090	1.8551	16.4288	0.0304	3.1550	0.0241	3.1790	0.8404	0.0223	0.8627		3,127.5696	3,127.5696	0.2717	0.1620	3,182.6340
Total	2.7380	2.6654	17.1164	0.0352	3.1550	0.0857	3.2406	0.8404	0.0839	0.9243		4,099.8719	4,099.8719	0.2904	0.1798	4,160.7151

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	3/1/2022	4/30/2022	5	44	
2	Building Construction	Building Construction	5/1/2022	5/1/2023	5	261	
3	Interior Finishing	Building Construction	1/1/2023	5/1/2023	5	86	

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4	Architectural Coating	Architectural Coating	2/1/2023	5/1/2023	5	64
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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 42,921; Non-Residential Outdoor: 14,307; Striped Parking Area: 0 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	2	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Forklifts	1	8.00	89	0.20
Demolition	Generator Sets	2	8.00	84	0.74
Demolition	Other Construction Equipment	1	8.00	172	0.42
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Building Construction	Aerial Lifts	1	8.00	63	0.31
Building Construction	Cement and Mortar Mixers	1	8.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Other Material Handling Equipment	1	8.00	168	0.40
Building Construction	Pumps	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Architectural Coating	Surfacing Equipment	1	8.00	263	0.30
Interior Finishing	Aerial Lifts	1	8.00	63	0.31
Interior Finishing	Air Compressors	1	8.00	78	0.48
Interior Finishing	Concrete/Industrial Saws	1	8.00	81	0.73
Interior Finishing	Cranes	1	7.00	231	0.29
Interior Finishing	Forklifts	3	8.00	89	0.20
Interior Finishing	Generator Sets	1	8.00	84	0.74
Interior Finishing	Tractors/Loaders/Backhoes	3	7.00	97	0.37

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Interior Finishing	Welders	1	8.00	46	0.45
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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	2	2.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	14	12.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	11	10.00	0.00	48.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Interior Finishing	12	12.00	5.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2373	0.0000	0.2373	0.0359	0.0000	0.0359			0.0000			0.0000
Off-Road	4.1464	39.2471	36.7846	0.0659		1.9556	1.9556		1.8467	1.8467		6,331.8770	6,331.8770	1.3854		6,366.5109
Total	4.1464	39.2471	36.7846	0.0659	0.2373	1.9556	2.1929	0.0359	1.8467	1.8826		6,331.8770	6,331.8770	1.3854		6,366.5109

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9600e-003	0.1907	0.0435	6.8000e-004	0.0191	1.3600e-003	0.0205	5.2400e-003	1.3100e-003	6.5400e-003		74.2882	74.2882	3.9400e-003	0.0118	77.8992

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0371	0.0279	0.3619	9.7000e-004	0.1118	7.2000e-004	0.1125	0.0296	6.6000e-004	0.0303		98.5133	98.5133	2.8500e-003	2.6700e-003	99.3813
Total	0.0420	0.2186	0.4053	1.6500e-003	0.1309	2.0800e-003	0.1330	0.0349	1.9700e-003	0.0368		172.8015	172.8015	6.7900e-003	0.0145	177.2806

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2373	0.0000	0.2373	0.0359	0.0000	0.0359			0.0000			0.0000
Off-Road	4.1464	39.2471	36.7846	0.0659		1.9556	1.9556		1.8467	1.8467	0.0000	6,331.8770	6,331.8770	1.3854		6,366.5109
Total	4.1464	39.2471	36.7846	0.0659	0.2373	1.9556	2.1929	0.0359	1.8467	1.8826	0.0000	6,331.8770	6,331.8770	1.3854		6,366.5109

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	4.9600e-003	0.1907	0.0435	6.8000e-004	0.0191	1.3600e-003	0.0205	5.2400e-003	1.3100e-003	6.5400e-003		74.2882	74.2882	3.9400e-003	0.0118	77.8992
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0371	0.0279	0.3619	9.7000e-004	0.1118	7.2000e-004	0.1125	0.0296	6.6000e-004	0.0303		98.5133	98.5133	2.8500e-003	2.6700e-003	99.3813
Total	0.0420	0.2186	0.4053	1.6500e-003	0.1309	2.0800e-003	0.1330	0.0349	1.9700e-003	0.0368		172.8015	172.8015	6.7900e-003	0.0145	177.2806

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8247	25.0817	29.1632	0.0487		1.2831	1.2831		1.2229	1.2229		4,612.6995	4,612.6995	0.9375		4,636.1372
Total	2.8247	25.0817	29.1632	0.0487		1.2831	1.2831		1.2229	1.2229		4,612.6995	4,612.6995	0.9375		4,636.1372

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.7200e-003	0.2550	0.0869	9.8000e-004	0.0320	2.3400e-003	0.0344	9.2200e-003	2.2400e-003	0.0115		105.2703	105.2703	3.5100e-003	0.0152	109.8827
Worker	0.0445	0.0335	0.4343	1.1600e-003	0.1341	8.6000e-004	0.1350	0.0356	7.9000e-004	0.0364		118.2160	118.2160	3.4200e-003	3.2100e-003	119.2576
Total	0.0542	0.2885	0.5211	2.1400e-003	0.1662	3.2000e-003	0.1694	0.0448	3.0300e-003	0.0478		223.4863	223.4863	6.9300e-003	0.0184	229.1403

Mitigated Construction On-Site

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8247	25.0817	29.1632	0.0487		1.2831	1.2831		1.2229	1.2229	0.0000	4,612.6995	4,612.6995	0.9375		4,636.1372
Total	2.8247	25.0817	29.1632	0.0487		1.2831	1.2831		1.2229	1.2229	0.0000	4,612.6995	4,612.6995	0.9375		4,636.1372

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.7200e-003	0.2550	0.0869	9.8000e-004	0.0320	2.3400e-003	0.0344	9.2200e-003	2.2400e-003	0.0115		105.2703	105.2703	3.5100e-003	0.0152	109.8827
Worker	0.0445	0.0335	0.4343	1.1600e-003	0.1341	8.6000e-004	0.1350	0.0356	7.9000e-004	0.0364		118.2160	118.2160	3.4200e-003	3.2100e-003	119.2576
Total	0.0542	0.2885	0.5211	2.1400e-003	0.1662	3.2000e-003	0.1694	0.0448	3.0300e-003	0.0478		223.4863	223.4863	6.9300e-003	0.0184	229.1403

3.3 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6287	23.1970	29.0142	0.0487		1.1200	1.1200		1.0672	1.0672		4,613.5755	4,613.5755	0.9270		4,636.7503
Total	2.6287	23.1970	29.0142	0.0487		1.1200	1.1200		1.0672	1.0672		4,613.5755	4,613.5755	0.9270		4,636.7503

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter
EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5600e-003	0.2009	0.0767	9.3000e-004	0.0320	9.7000e-004	0.0330	9.2200e-003	9.3000e-004	0.0102		100.3102	100.3102	3.3400e-003	0.0144	104.6956
Worker	0.0413	0.0296	0.3997	1.1200e-003	0.1341	8.1000e-004	0.1349	0.0356	7.5000e-004	0.0363		115.1072	115.1072	3.0700e-003	2.9600e-003	116.0655
Total	0.0469	0.2305	0.4764	2.0500e-003	0.1662	1.7800e-003	0.1679	0.0448	1.6800e-003	0.0465		215.4174	215.4174	6.4100e-003	0.0174	220.7610

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6287	23.1970	29.0142	0.0487		1.1200	1.1200		1.0672	1.0672	0.0000	4,613.5755	4,613.5755	0.9270		4,636.7503
Total	2.6287	23.1970	29.0142	0.0487		1.1200	1.1200		1.0672	1.0672	0.0000	4,613.5755	4,613.5755	0.9270		4,636.7503

Mitigated Construction Off-Site

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5600e-003	0.2009	0.0767	9.3000e-004	0.0320	9.7000e-004	0.0330	9.2200e-003	9.3000e-004	0.0102		100.3102	100.3102	3.3400e-003	0.0144	104.6956
Worker	0.0413	0.0296	0.3997	1.1200e-003	0.1341	8.1000e-004	0.1349	0.0356	7.5000e-004	0.0363		115.1072	115.1072	3.0700e-003	2.9600e-003	116.0655
Total	0.0469	0.2305	0.4764	2.0500e-003	0.1662	1.7800e-003	0.1679	0.0448	1.6800e-003	0.0465		215.4174	215.4174	6.4100e-003	0.0174	220.7610

3.4 Interior Finishing - 2023
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1967	19.2397	23.4082	0.0388		0.9316	0.9316		0.8896	0.8896		3,685.7595	3,685.7595	0.7121		3,703.5618
Total	2.1967	19.2397	23.4082	0.0388		0.9316	0.9316		0.8896	0.8896		3,685.7595	3,685.7595	0.7121		3,703.5618

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5600e-003	0.2009	0.0767	9.3000e-004	0.0320	9.7000e-004	0.0330	9.2200e-003	9.3000e-004	0.0102		100.3102	100.3102	3.3400e-003	0.0144	104.6956

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Worker	0.0413	0.0296	0.3997	1.1200e-003	0.1341	8.1000e-004	0.1349	0.0356	7.5000e-004	0.0363		115.1072	115.1072	3.0700e-003	2.9600e-003	116.0655
Total	0.0469	0.2305	0.4764	2.0500e-003	0.1662	1.7800e-003	0.1679	0.0448	1.6800e-003	0.0465		215.4174	215.4174	6.4100e-003	0.0174	220.7610

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1967	19.2397	23.4082	0.0388		0.9316	0.9316		0.8896	0.8896	0.0000	3,685.7595	3,685.7595	0.7121		3,703.5618
Total	2.1967	19.2397	23.4082	0.0388		0.9316	0.9316		0.8896	0.8896	0.0000	3,685.7595	3,685.7595	0.7121		3,703.5618

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5600e-003	0.2009	0.0767	9.3000e-004	0.0320	9.7000e-004	0.0330	9.2200e-003	9.3000e-004	0.0102		100.3102	100.3102	3.3400e-003	0.0144	104.6956
Worker	0.0413	0.0296	0.3997	1.1200e-003	0.1341	8.1000e-004	0.1349	0.0356	7.5000e-004	0.0363		115.1072	115.1072	3.0700e-003	2.9600e-003	116.0655
Total	0.0469	0.2305	0.4764	2.0500e-003	0.1662	1.7800e-003	0.1679	0.0448	1.6800e-003	0.0465		215.4174	215.4174	6.4100e-003	0.0174	220.7610

3.5 Architectural Coating - 2023

Unmitigated Construction On-Site

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter
EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	4.1446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3746	3.3563	3.4299	9.7400e-003		0.1482	0.1482		0.1420	0.1420		936.0015	936.0015	0.2285		941.7148
Total	4.5192	3.3563	3.4299	9.7400e-003		0.1482	0.1482		0.1420	0.1420		936.0015	936.0015	0.2285		941.7148

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8800e-003	4.9300e-003	0.0666	1.9000e-004	0.0224	1.3000e-004	0.0225	5.9300e-003	1.2000e-004	6.0500e-003		19.1845	19.1845	5.1000e-004	4.9000e-004	19.3442
Total	6.8800e-003	4.9300e-003	0.0666	1.9000e-004	0.0224	1.3000e-004	0.0225	5.9300e-003	1.2000e-004	6.0500e-003		19.1845	19.1845	5.1000e-004	4.9000e-004	19.3442

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Archit. Coating	4.1446					0.0000	0.0000			0.0000	0.0000			0.0000			0.0000	
Off-Road	0.3746	3.3563	3.4299	9.7400e-003		0.1482	0.1482			0.1420	0.1420	0.0000	936.0015	936.0015	0.2285			941.7148
Total	4.5192	3.3563	3.4299	9.7400e-003		0.1482	0.1482			0.1420	0.1420	0.0000	936.0015	936.0015	0.2285			941.7148

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8800e-003	4.9300e-003	0.0666	1.9000e-004	0.0224	1.3000e-004	0.0225	5.9300e-003	1.2000e-004	6.0500e-003		19.1845	19.1845	5.1000e-004	4.9000e-004	19.3442
Total	6.8800e-003	4.9300e-003	0.0666	1.9000e-004	0.0224	1.3000e-004	0.0225	5.9300e-003	1.2000e-004	6.0500e-003		19.1845	19.1845	5.1000e-004	4.9000e-004	19.3442

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.0090	1.8551	16.4288	0.0304	3.1550	0.0241	3.1790	0.8404	0.0223	0.8627		3,127.5696	3,127.5696	0.2717	0.1620	3,182.6340
Unmitigated	2.0090	1.8551	16.4288	0.0304	3.1550	0.0241	3.1790	0.8404	0.0223	0.8627		3,127.5696	3,127.5696	0.2717	0.1620	3,182.6340

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter
EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
High Turnover (Sit Down Restaurant)	663.56	663.56	663.56	904,317	904,317
Hotel	249.09	249.09	249.09	594,371	594,371
Total	912.65	912.65	912.65	1,498,688	1,498,688

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down Restaurant)	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
High Turnover (Sit Down Restaurant)	0.544785	0.062844	0.187478	0.127235	0.023089	0.006083	0.010475	0.008012	0.000925	0.000611	0.024394	0.000698	0.003374
Hotel	0.544785	0.062844	0.187478	0.127235	0.023089	0.006083	0.010475	0.008012	0.000925	0.000611	0.024394	0.000698	0.003374

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
lb/day											lb/day					
Natural Gas Mitigated	0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	0.0178	978.0651
Natural Gas Unmitigated	0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	0.0178	978.0651

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter
EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
High Turnover (Sit Down Restaurant)	7137.07	0.0770	0.6997	0.5878	4.2000e-003		0.0532	0.0532		0.0532	0.0532		839.6559	839.6559	0.0161	0.0154	844.6455
Hotel	1127.37	0.0122	0.1105	0.0928	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003		132.6315	132.6315	2.5400e-003	2.4300e-003	133.4196
Total		0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	0.0178	978.0651

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
High Turnover (Sit Down Restaurant)	7.13707	0.0770	0.6997	0.5878	4.2000e-003		0.0532	0.0532		0.0532	0.0532		839.6559	839.6559	0.0161	0.0154	844.6455
Hotel	1.12737	0.0122	0.1105	0.0928	6.6000e-004		8.4000e-003	8.4000e-003		8.4000e-003	8.4000e-003		132.6315	132.6315	2.5400e-003	2.4300e-003	133.4196
Total		0.0891	0.8102	0.6806	4.8600e-003		0.0616	0.0616		0.0616	0.0616		972.2873	972.2873	0.0186	0.0178	978.0651

6.0 Area Detail

6.1 Mitigation Measures Area

6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159
Unmitigated	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0727					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5666					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.5000e-004	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159
Total	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005		0.0159

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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6366 Hollywood Boulevard Future - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

SubCategory	lb/day								lb/day							
Architectural Coating	0.0727					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Consumer Products	0.5666					0.0000	0.0000			0.0000	0.0000			0.0000		0.0000
Landscaping	6.5000e-004	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005			2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005	0.0159
Total	0.6399	6.0000e-005	6.9700e-003	0.0000		2.0000e-005	2.0000e-005			2.0000e-005	2.0000e-005		0.0150	0.0150	4.0000e-005	0.0159

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation



DOUGLASKIM+ASSOCIATES,LLC

GREENHOUSE GAS EMISSIONS

6366 Hollywood Boulevard
 GHG Emissions Impact Compared to "No Action Taken" Scenario

Source	NAT (2023)	As Proposed (2023)	Reduction from NAT	Change from NAT
Area	0	0	-	0%
Energy	872	506	(366)	-42%
Mobile	756	531	(225)	-30%
Waste	83	83	-	0%
Water	44	44	-	0%
Construction	30	30	-	0%
Total Emissions	1,785	1,194	(592)	-33.1%

Land Use	NAT	As Proposed	Difference
Land Use	57 hotel rooms, 11,310 sf restaurants	57 hotel rooms, 11,310 sf restaurants	None
Traffic	Up to 1,303 net ADT	Up to 913 net ADT	None
Area	Same as proposed	Project assumptions	None
Energy	No State measures	See below	State measures
Mobile	No State measures	See below	State measures
Waste	Reduce construction w/	Reduce construction w/	None
Water	Project assumptions	Project assumptions	None

Mobile source emission: Pavley emission standards (19.8% reduction)

Low carbon fuel standard (7.2% reduction)

Vehicle efficiency measures (2.8% reduction)

Energy Production Assu Natural gas transmission and distribution efficiency measures (7.4% reduction)

Natural gas extraction efficiency measures (1.6% reduction)

Renewables (electricity) portfolio standard (33% reduction)

6366 Hollywood Boulevard
 GHG Emissions Impact Compared to "No Action Taken" Scenario

Source	NAT (2023)	As Proposed (2023)	Reduction from NAT	Change from NAT
Area	0	0	-	0%
Energy	872	506	(366)	-42%
Mobile	756	531	(225)	-30%
Waste	83	83	-	0%
Water	44	44	-	0%
Construction	30	30	-	0%
Total Emissions	1,785	1,194	(592)	-33.1%

Land Use	NAT	As Proposed	Difference
Land Use	57 hotel rooms, 11,310 sf restaurants	57 hotel rooms, 11,310 sf restaurants	None
Traffic	Up to 1,303 net ADT	Up to 913 net ADT	None
Area	Same as proposed	Project assumptions	None
Energy	No State measures	See below	State measures
Mobile	No State measures	See below	State measures
Waste	Reduce construction w/	Reduce construction w/	None
Water	Project assumptions	Project assumptions	None

Mobile source emission: Pavley emission standards (19.8% reduction)

Low carbon fuel standard (7.2% reduction)

Vehicle efficiency measures (2.8% reduction)

Energy Production Assu Natural gas transmission and distribution efficiency measures (7.4% reduction)

Natural gas extraction efficiency measures (1.6% reduction)

Renewables (electricity) portfolio standard (33% reduction)