

## **CALEEMOD OUTPUT FILES**

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.24	Acre	10.24	446,054.40	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2020
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	702.44	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use -

Construction Phase - Per Engineer

Off-road Equipment - Per Engineer

Off-road Equipment - Per Engineer

Trips and VMT - 2 water truck trips added to vendor trips for grading and paving

Construction Off-road Equipment Mitigation - Water site 3x daily per Rule 403

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	30.00	110.00
tblConstructionPhase	NumDays	20.00	110.00
tblConstructionPhase	PhaseEndDate	11/22/2019	1/31/2020
tblConstructionPhase	PhaseEndDate	2/12/2021	1/31/2020
tblConstructionPhase	PhaseStartDate	10/12/2019	9/1/2019
tblConstructionPhase	PhaseStartDate	1/16/2021	9/1/2019
tblGrading	AcresOfGrading	55.00	75.00
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Cement and Mortar Mixers
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00

**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
Year	lb/day										lb/day					
2019	4.7199	47.0510	31.6715	0.0601	7.1620	2.2893	9.4513	3.4994	2.1086	5.6080	0.0000	5,925.4533	5,925.4533	1.7082	0.0000	5,968.1573
2020	4.4461	43.7121	31.2186	0.0600	7.1620	2.0894	9.2514	3.4994	1.9246	5.4241	0.0000	5,795.7519	5,795.7519	1.7060	0.0000	5,838.4026
Maximum	4.7199	47.0510	31.6715	0.0601	7.1620	2.2893	9.4513	3.4994	2.1086	5.6080	0.0000	5,925.4533	5,925.4533	1.7082	0.0000	5,968.1573

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**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					
2019	4.7199	47.0510	31.6715	0.0601	3.0474	2.2893	5.3368	1.4326	2.1086	3.5412	0.0000	5,925.4533	5,925.4533	1.7082	0.0000	5,968.1573
2020	4.4461	43.7121	31.2186	0.0600	3.0474	2.0894	5.1368	1.4326	1.9246	3.3572	0.0000	5,795.7519	5,795.7519	1.7060	0.0000	5,838.4026
Maximum	4.7199	47.0510	31.6715	0.0601	3.0474	2.2893	5.3368	1.4326	2.1086	3.5412	0.0000	5,925.4533	5,925.4533	1.7082	0.0000	5,968.1573

	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	57.45	0.00	44.00	59.06	0.00	37.47	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	Grading	Grading	9/1/2019	1/31/2020	5	110	
2	Paving	Paving	9/1/2019	1/31/2020	5	110	

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 75**

**Acres of Paving: 10.24**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Rubber Tired Loaders	1	8.00	203	0.36
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Grading	Excavators	0	8.00	158	0.38
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Grading	Scrapers	0	8.00	367	0.48

**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
Grading	6	15.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**3.2 Grading - 2019**

**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					6.7452	0.0000	6.7452	3.3883	0.0000	3.3883			0.0000			0.0000
Off-Road	2.7185	30.4925	14.7090	0.0307		1.4298	1.4298		1.3155	1.3155		3,044.4868	3,044.4868	0.9632		3,068.5679
<b>Total</b>	<b>2.7185</b>	<b>30.4925</b>	<b>14.7090</b>	<b>0.0307</b>	<b>6.7452</b>	<b>1.4298</b>	<b>8.1750</b>	<b>3.3883</b>	<b>1.3155</b>	<b>4.7038</b>		<b>3,044.4868</b>	<b>3,044.4868</b>	<b>0.9632</b>		<b>3,068.5679</b>

**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
Vendor	7.7900e-003	0.2296	0.0566	5.1000e-004	0.0128	1.5200e-003	0.0143	3.6800e-003	1.4600e-003	5.1400e-003		54.9024	54.9024	3.6900e-003		54.9948
Worker	0.0728	0.0510	0.6719	1.7800e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		177.0542	177.0542	5.5500e-003		177.1930
<b>Total</b>	<b>0.0806</b>	<b>0.2806</b>	<b>0.7285</b>	<b>2.2900e-003</b>	<b>0.1805</b>	<b>2.8300e-003</b>	<b>0.1833</b>	<b>0.0482</b>	<b>2.6700e-003</b>	<b>0.0508</b>		<b>231.9567</b>	<b>231.9567</b>	<b>9.2400e-003</b>		<b>232.1877</b>

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**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					2.6306	0.0000	2.6306	1.3214	0.0000	1.3214			0.0000			0.0000
Off-Road	2.7185	30.4925	14.7090	0.0307		1.4298	1.4298		1.3155	1.3155	0.0000	3,044.4868	3,044.4868	0.9632		3,068.5678
<b>Total</b>	<b>2.7185</b>	<b>30.4925</b>	<b>14.7090</b>	<b>0.0307</b>	<b>2.6306</b>	<b>1.4298</b>	<b>4.0605</b>	<b>1.3214</b>	<b>1.3155</b>	<b>2.6369</b>	<b>0.0000</b>	<b>3,044.4868</b>	<b>3,044.4868</b>	<b>0.9632</b>		<b>3,068.5678</b>

**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
Vendor	7.7900e-003	0.2296	0.0566	5.1000e-004	0.0128	1.5200e-003	0.0143	3.6800e-003	1.4600e-003	5.1400e-003		54.9024	54.9024	3.6900e-003		54.9948
Worker	0.0728	0.0510	0.6719	1.7800e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		177.0542	177.0542	5.5500e-003		177.1930
<b>Total</b>	<b>0.0806</b>	<b>0.2806</b>	<b>0.7285</b>	<b>2.2900e-003</b>	<b>0.1805</b>	<b>2.8300e-003</b>	<b>0.1833</b>	<b>0.0482</b>	<b>2.6700e-003</b>	<b>0.0508</b>		<b>231.9567</b>	<b>231.9567</b>	<b>9.2400e-003</b>		<b>232.1877</b>

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**3.2 Grading - 2020**

**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					6.7452	0.0000	6.7452	3.3883	0.0000	3.3883			0.0000			0.0000
Off-Road	2.5579	28.3828	14.4206	0.0307		1.3029	1.3029		1.1987	1.1987		2,977.5266	2,977.5266	0.9630		3,001.6014
<b>Total</b>	<b>2.5579</b>	<b>28.3828</b>	<b>14.4206</b>	<b>0.0307</b>	<b>6.7452</b>	<b>1.3029</b>	<b>8.0481</b>	<b>3.3883</b>	<b>1.1987</b>	<b>4.5870</b>		<b>2,977.5266</b>	<b>2,977.5266</b>	<b>0.9630</b>		<b>3,001.6014</b>

**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
Vendor	6.6400e-003	0.2106	0.0512	5.1000e-004	0.0128	1.0400e-003	0.0138	3.6800e-003	1.0000e-003	4.6800e-003		54.5583	54.5583	3.4900e-003		54.6456
Worker	0.0673	0.0455	0.6114	1.7200e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1800e-003	0.0456		171.5755	171.5755	4.9400e-003		171.6991
<b>Total</b>	<b>0.0739</b>	<b>0.2561</b>	<b>0.6626</b>	<b>2.2300e-003</b>	<b>0.1805</b>	<b>2.3200e-003</b>	<b>0.1828</b>	<b>0.0482</b>	<b>2.1800e-003</b>	<b>0.0503</b>		<b>226.1337</b>	<b>226.1337</b>	<b>8.4300e-003</b>		<b>226.3446</b>



County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**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					2.6306	0.0000	2.6306	1.3214	0.0000	1.3214			0.0000			0.0000
Off-Road	2.5579	28.3828	14.4206	0.0307		1.3029	1.3029		1.1987	1.1987	0.0000	2,977.5266	2,977.5266	0.9630		3,001.6014
<b>Total</b>	<b>2.5579</b>	<b>28.3828</b>	<b>14.4206</b>	<b>0.0307</b>	<b>2.6306</b>	<b>1.3029</b>	<b>3.9336</b>	<b>1.3214</b>	<b>1.1987</b>	<b>2.5202</b>	<b>0.0000</b>	<b>2,977.5266</b>	<b>2,977.5266</b>	<b>0.9630</b>		<b>3,001.6014</b>

**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
Vendor	6.6400e-003	0.2106	0.0512	5.1000e-004	0.0128	1.0400e-003	0.0138	3.6800e-003	1.0000e-003	4.6800e-003		54.5583	54.5583	3.4900e-003		54.6456
Worker	0.0673	0.0455	0.6114	1.7200e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1800e-003	0.0456		171.5755	171.5755	4.9400e-003		171.6991
<b>Total</b>	<b>0.0739</b>	<b>0.2561</b>	<b>0.6626</b>	<b>2.2300e-003</b>	<b>0.1805</b>	<b>2.3200e-003</b>	<b>0.1828</b>	<b>0.0482</b>	<b>2.1800e-003</b>	<b>0.0503</b>		<b>226.1337</b>	<b>226.1337</b>	<b>8.4300e-003</b>		<b>226.3446</b>

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**3.3 Paving - 2019**

**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	1.5720	15.9804	15.2816	0.0242		0.8534	0.8534		0.7874	0.7874		2,358.0351	2,358.0351	0.7246		2,376.1496
Paving	0.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.8159</b>	<b>15.9804</b>	<b>15.2816</b>	<b>0.0242</b>		<b>0.8534</b>	<b>0.8534</b>		<b>0.7874</b>	<b>0.7874</b>		<b>2,358.0351</b>	<b>2,358.0351</b>	<b>0.7246</b>		<b>2,376.1496</b>

**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
Vendor	7.7900e-003	0.2296	0.0566	5.1000e-004	0.0128	1.5200e-003	0.0143	3.6800e-003	1.4600e-003	5.1400e-003		54.9024	54.9024	3.6900e-003		54.9948
Worker	0.0971	0.0680	0.8959	2.3700e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		236.0723	236.0723	7.4000e-003		236.2573
<b>Total</b>	<b>0.1049</b>	<b>0.2975</b>	<b>0.9525</b>	<b>2.8800e-003</b>	<b>0.2364</b>	<b>3.2700e-003</b>	<b>0.2396</b>	<b>0.0630</b>	<b>3.0700e-003</b>	<b>0.0660</b>		<b>290.9747</b>	<b>290.9747</b>	<b>0.0111</b>		<b>291.2521</b>

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**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	1.5720	15.9804	15.2816	0.0242		0.8534	0.8534		0.7874	0.7874	0.0000	2,358.0351	2,358.0351	0.7246		2,376.1496
Paving	0.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.8159</b>	<b>15.9804</b>	<b>15.2816</b>	<b>0.0242</b>		<b>0.8534</b>	<b>0.8534</b>		<b>0.7874</b>	<b>0.7874</b>	<b>0.0000</b>	<b>2,358.0351</b>	<b>2,358.0351</b>	<b>0.7246</b>		<b>2,376.1496</b>

**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
Vendor	7.7900e-003	0.2296	0.0566	5.1000e-004	0.0128	1.5200e-003	0.0143	3.6800e-003	1.4600e-003	5.1400e-003		54.9024	54.9024	3.6900e-003		54.9948
Worker	0.0971	0.0680	0.8959	2.3700e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		236.0723	236.0723	7.4000e-003		236.2573
<b>Total</b>	<b>0.1049</b>	<b>0.2975</b>	<b>0.9525</b>	<b>2.8800e-003</b>	<b>0.2364</b>	<b>3.2700e-003</b>	<b>0.2396</b>	<b>0.0630</b>	<b>3.0700e-003</b>	<b>0.0660</b>		<b>290.9747</b>	<b>290.9747</b>	<b>0.0111</b>		<b>291.2521</b>

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**3.3 Paving - 2020**

**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	1.4741	14.8019	15.2690	0.0242		0.7814	0.7814		0.7212	0.7212		2,308.7661	2,308.7661	0.7245		2,326.8789
Paving	0.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.7180</b>	<b>14.8019</b>	<b>15.2690</b>	<b>0.0242</b>		<b>0.7814</b>	<b>0.7814</b>		<b>0.7212</b>	<b>0.7212</b>		<b>2,308.7661</b>	<b>2,308.7661</b>	<b>0.7245</b>		<b>2,326.8789</b>

**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
Vendor	6.6400e-003	0.2106	0.0512	5.1000e-004	0.0128	1.0400e-003	0.0138	3.6800e-003	1.0000e-003	4.6800e-003		54.5583	54.5583	3.4900e-003		54.6456
Worker	0.0897	0.0607	0.8152	2.3000e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5700e-003	0.0609		228.7673	228.7673	6.5900e-003		228.9321
<b>Total</b>	<b>0.0964</b>	<b>0.2713</b>	<b>0.8664</b>	<b>2.8100e-003</b>	<b>0.2364</b>	<b>2.7500e-003</b>	<b>0.2391</b>	<b>0.0630</b>	<b>2.5700e-003</b>	<b>0.0655</b>		<b>283.3255</b>	<b>283.3255</b>	<b>0.0101</b>		<b>283.5776</b>

County Line Transportation Corridor - South Coast Air Basin, Summer

**County Line Transportation Corridor  
South Coast Air Basin, Summer**

**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	1.4741	14.8019	15.2690	0.0242		0.7814	0.7814		0.7212	0.7212	0.0000	2,308.7661	2,308.7661	0.7245		2,326.8789
Paving	0.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.7180</b>	<b>14.8019</b>	<b>15.2690</b>	<b>0.0242</b>		<b>0.7814</b>	<b>0.7814</b>		<b>0.7212</b>	<b>0.7212</b>	<b>0.0000</b>	<b>2,308.7661</b>	<b>2,308.7661</b>	<b>0.7245</b>		<b>2,326.8789</b>

**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
Vendor	6.6400e-003	0.2106	0.0512	5.1000e-004	0.0128	1.0400e-003	0.0138	3.6800e-003	1.0000e-003	4.6800e-003		54.5583	54.5583	3.4900e-003		54.6456
Worker	0.0897	0.0607	0.8152	2.3000e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5700e-003	0.0609		228.7673	228.7673	6.5900e-003		228.9321
<b>Total</b>	<b>0.0964</b>	<b>0.2713</b>	<b>0.8664</b>	<b>2.8100e-003</b>	<b>0.2364</b>	<b>2.7500e-003</b>	<b>0.2391</b>	<b>0.0630</b>	<b>2.5700e-003</b>	<b>0.0655</b>		<b>283.3255</b>	<b>283.3255</b>	<b>0.0101</b>		<b>283.5776</b>

County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.24	Acre	10.24	446,054.40	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2020
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	702.44	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use -

Construction Phase - Per Engineer

Off-road Equipment - Per Engineer

Off-road Equipment - Per Engineer

Trips and VMT - 2 water truck trips added to vendor trips for grading and paving

Construction Off-road Equipment Mitigation - Water site 3x daily per Rule 403

County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	30.00	110.00
tblConstructionPhase	NumDays	20.00	110.00
tblConstructionPhase	PhaseEndDate	11/22/2019	1/31/2020
tblConstructionPhase	PhaseEndDate	2/12/2021	1/31/2020
tblConstructionPhase	PhaseStartDate	10/12/2019	9/1/2019
tblConstructionPhase	PhaseStartDate	1/16/2021	9/1/2019
tblGrading	AcresOfGrading	55.00	75.00
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Cement and Mortar Mixers
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00

**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
Year	lb/day										lb/day					
2019	4.7372	47.0633	31.5403	0.0598	7.1620	2.2894	9.4513	3.4994	2.1087	5.6081	0.0000	5,896.8860	5,896.8860	1.7079	0.0000	5,939.5829
2020	4.4625	43.7224	31.0967	0.0597	7.1620	2.0895	9.2514	3.4994	1.9247	5.4241	0.0000	5,767.9416	5,767.9416	1.7058	0.0000	5,810.5861
Maximum	4.7372	47.0633	31.5403	0.0598	7.1620	2.2894	9.4513	3.4994	2.1087	5.6081	0.0000	5,896.8860	5,896.8860	1.7079	0.0000	5,939.5829

County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**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					
2019	4.7372	47.0633	31.5403	0.0598	3.0474	2.2894	5.3368	1.4326	2.1087	3.5412	0.0000	5,896.8860	5,896.8860	1.7079	0.0000	5,939.5829
2020	4.4625	43.7224	31.0967	0.0597	3.0474	2.0895	5.1369	1.4326	1.9247	3.3572	0.0000	5,767.9416	5,767.9416	1.7058	0.0000	5,810.5861
Maximum	4.7372	47.0633	31.5403	0.0598	3.0474	2.2894	5.3368	1.4326	2.1087	3.5412	0.0000	5,896.8860	5,896.8860	1.7079	0.0000	5,939.5829

  

	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	57.45	0.00	44.00	59.06	0.00	37.47	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	Grading	Grading	9/1/2019	1/31/2020	5	110	
2	Paving	Paving	9/1/2019	1/31/2020	5	110	



County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 75**

**Acres of Paving: 10.24**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Rubber Tired Loaders	1	8.00	203	0.36
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Grading	Excavators	0	8.00	155	0.38
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Grading	Scrapers	0	8.00	367	0.48

**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
Grading	6	15.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**3.2 Grading - 2019**

**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					6.7452	0.0000	6.7452	3.3883	0.0000	3.3883			0.0000			0.0000
Off-Road	2.7185	30.4925	14.7090	0.0307		1.4298	1.4298		1.3155	1.3155		3,044.4868	3,044.4868	0.9632		3,068.5679
<b>Total</b>	<b>2.7185</b>	<b>30.4925</b>	<b>14.7090</b>	<b>0.0307</b>	<b>6.7452</b>	<b>1.4298</b>	<b>8.1750</b>	<b>3.3883</b>	<b>1.3155</b>	<b>4.7038</b>		<b>3,044.4868</b>	<b>3,044.4868</b>	<b>0.9632</b>		<b>3,068.5679</b>

**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
Vendor	8.1300e-003	0.2299	0.0627	5.0000e-004	0.0128	1.5500e-003	0.0143	3.6800e-003	1.4800e-003	5.1600e-003		53.4278	53.4278	3.9500e-003		53.5266
Worker	0.0800	0.0560	0.6105	1.6700e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		166.0751	166.0751	5.2100e-003		166.2053
<b>Total</b>	<b>0.0881</b>	<b>0.2859</b>	<b>0.6732</b>	<b>2.1700e-003</b>	<b>0.1805</b>	<b>2.8600e-003</b>	<b>0.1833</b>	<b>0.0482</b>	<b>2.6900e-003</b>	<b>0.0508</b>		<b>219.5029</b>	<b>219.5029</b>	<b>9.1600e-003</b>		<b>219.7318</b>

County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**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					2.6306	0.0000	2.6306	1.3214	0.0000	1.3214			0.0000			0.0000
Off-Road	2.7185	30.4925	14.7090	0.0307		1.4298	1.4298		1.3155	1.3155	0.0000	3,044.4868	3,044.4868	0.9632		3,068.5678
<b>Total</b>	<b>2.7185</b>	<b>30.4925</b>	<b>14.7090</b>	<b>0.0307</b>	<b>2.6306</b>	<b>1.4298</b>	<b>4.0605</b>	<b>1.3214</b>	<b>1.3155</b>	<b>2.6369</b>	<b>0.0000</b>	<b>3,044.4868</b>	<b>3,044.4868</b>	<b>0.9632</b>		<b>3,068.5678</b>

**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
Vendor	8.1300e-003	0.2299	0.0627	5.0000e-004	0.0128	1.5500e-003	0.0143	3.6800e-003	1.4800e-003	5.1600e-003		53.4278	53.4278	3.9500e-003		53.5266
Worker	0.0800	0.0560	0.6105	1.6700e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		166.0751	166.0751	5.2100e-003		166.2053
<b>Total</b>	<b>0.0881</b>	<b>0.2859</b>	<b>0.6732</b>	<b>2.1700e-003</b>	<b>0.1805</b>	<b>2.8600e-003</b>	<b>0.1833</b>	<b>0.0482</b>	<b>2.6900e-003</b>	<b>0.0508</b>		<b>219.5029</b>	<b>219.5029</b>	<b>9.1600e-003</b>		<b>219.7318</b>

County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**3.2 Grading - 2020**

**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					6.7452	0.0000	6.7452	3.3883	0.0000	3.3883			0.0000				0.0000
Off-Road	2.5579	28.3828	14.4206	0.0307		1.3029	1.3029		1.1987	1.1987		2,977.5266	2,977.5266	0.9630			3,001.6014
<b>Total</b>	<b>2.5579</b>	<b>28.3828</b>	<b>14.4206</b>	<b>0.0307</b>	<b>6.7452</b>	<b>1.3029</b>	<b>8.0481</b>	<b>3.3883</b>	<b>1.1987</b>	<b>4.5870</b>		<b>2,977.5266</b>	<b>2,977.5266</b>	<b>0.9630</b>			<b>3,001.6014</b>

**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
Vendor	6.9400e-003	0.2106	0.0568	5.0000e-004	0.0128	1.0600e-003	0.0139	3.6800e-003	1.0100e-003	4.7000e-003		53.0755	53.0755	3.7300e-003			53.1688
Worker	0.0740	0.0500	0.5544	1.6200e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1800e-003	0.0456		160.9277	160.9277	4.6300e-003			161.0435
<b>Total</b>	<b>0.0810</b>	<b>0.2605</b>	<b>0.6112</b>	<b>2.1200e-003</b>	<b>0.1805</b>	<b>2.3400e-003</b>	<b>0.1828</b>	<b>0.0482</b>	<b>2.1900e-003</b>	<b>0.0503</b>		<b>214.0032</b>	<b>214.0032</b>	<b>8.3600e-003</b>			<b>214.2123</b>

County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**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					2.6306	0.0000	2.6306	1.3214	0.0000	1.3214			0.0000			0.0000
Off-Road	2.5579	28.3828	14.4206	0.0307		1.3029	1.3029		1.1987	1.1987	0.0000	2,977.5266	2,977.5266	0.9630		3,001.6014
<b>Total</b>	<b>2.5579</b>	<b>28.3828</b>	<b>14.4206</b>	<b>0.0307</b>	<b>2.6306</b>	<b>1.3029</b>	<b>3.9336</b>	<b>1.3214</b>	<b>1.1987</b>	<b>2.5202</b>	<b>0.0000</b>	<b>2,977.5266</b>	<b>2,977.5266</b>	<b>0.9630</b>		<b>3,001.6014</b>

**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
Vendor	6.9400e-003	0.2106	0.0568	5.0000e-004	0.0128	1.0600e-003	0.0139	3.6800e-003	1.0100e-003	4.7000e-003		53.0755	53.0755	3.7300e-003		53.1688
Worker	0.0740	0.0500	0.5544	1.6200e-003	0.1677	1.2800e-003	0.1689	0.0445	1.1800e-003	0.0456		160.9277	160.9277	4.6300e-003		161.0435
<b>Total</b>	<b>0.0810</b>	<b>0.2605</b>	<b>0.6112</b>	<b>2.1200e-003</b>	<b>0.1805</b>	<b>2.3400e-003</b>	<b>0.1828</b>	<b>0.0482</b>	<b>2.1900e-003</b>	<b>0.0503</b>		<b>214.0032</b>	<b>214.0032</b>	<b>8.3600e-003</b>		<b>214.2123</b>

County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**3.3 Paving - 2019**

**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	1.5720	15.9804	15.2816	0.0242		0.8534	0.8534		0.7874	0.7874		2,358.0351	2,358.0351	0.7246		2,376.1496
Paving	0.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.8159</b>	<b>15.9804</b>	<b>15.2816</b>	<b>0.0242</b>		<b>0.8534</b>	<b>0.8534</b>		<b>0.7874</b>	<b>0.7874</b>		<b>2,358.0351</b>	<b>2,358.0351</b>	<b>0.7246</b>		<b>2,376.1496</b>

**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
Vendor	8.1300e-003	0.2299	0.0627	5.0000e-004	0.0128	1.5500e-003	0.0143	3.6800e-003	1.4800e-003	5.1600e-003		53.4278	53.4278	3.9500e-003		53.5266
Worker	0.1066	0.0747	0.8139	2.2200e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		221.4335	221.4335	6.9400e-003		221.6070
<b>Total</b>	<b>0.1148</b>	<b>0.3045</b>	<b>0.8766</b>	<b>2.7200e-003</b>	<b>0.2364</b>	<b>3.3000e-003</b>	<b>0.2396</b>	<b>0.0630</b>	<b>3.0900e-003</b>	<b>0.0661</b>		<b>274.8613</b>	<b>274.8613</b>	<b>0.0109</b>		<b>275.1336</b>

County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**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	1.5720	15.9804	15.2816	0.0242		0.8534	0.8534		0.7874	0.7874	0.0000	2,358.0351	2,358.0351	0.7246		2,376.1496
Paving	0.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.8159</b>	<b>15.9804</b>	<b>15.2816</b>	<b>0.0242</b>		<b>0.8534</b>	<b>0.8534</b>		<b>0.7874</b>	<b>0.7874</b>	<b>0.0000</b>	<b>2,358.0351</b>	<b>2,358.0351</b>	<b>0.7246</b>		<b>2,376.1496</b>

**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
Vendor	8.1300e-003	0.2299	0.0627	5.0000e-004	0.0128	1.5500e-003	0.0143	3.6800e-003	1.4800e-003	5.1600e-003		53.4278	53.4278	3.9500e-003		53.5266
Worker	0.1066	0.0747	0.8139	2.2200e-003	0.2236	1.7500e-003	0.2253	0.0593	1.6100e-003	0.0609		221.4335	221.4335	6.9400e-003		221.6070
<b>Total</b>	<b>0.1148</b>	<b>0.3045</b>	<b>0.8766</b>	<b>2.7200e-003</b>	<b>0.2364</b>	<b>3.3000e-003</b>	<b>0.2396</b>	<b>0.0630</b>	<b>3.0900e-003</b>	<b>0.0661</b>		<b>274.8613</b>	<b>274.8613</b>	<b>0.0109</b>		<b>275.1336</b>

County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**3.3 Paving - 2020**

**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	1.4741	14.8019	15.2690	0.0242		0.7814	0.7814		0.7212	0.7212		2,308.7661	2,308.7661	0.7245			2,326.8789
Paving	0.2439					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
<b>Total</b>	<b>1.7180</b>	<b>14.8019</b>	<b>15.2690</b>	<b>0.0242</b>		<b>0.7814</b>	<b>0.7814</b>		<b>0.7212</b>	<b>0.7212</b>		<b>2,308.7661</b>	<b>2,308.7661</b>	<b>0.7245</b>			<b>2,326.8789</b>

**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
Vendor	6.9400e-003	0.2106	0.0568	5.0000e-004	0.0128	1.0600e-003	0.0139	3.6800e-003	1.0100e-003	4.7000e-003		53.0755	53.0755	3.7300e-003			53.1688
Worker	0.0987	0.0666	0.7392	2.1500e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5700e-003	0.0609		214.5703	214.5703	6.1800e-003			214.7247
<b>Total</b>	<b>0.1056</b>	<b>0.2772</b>	<b>0.7959</b>	<b>2.6500e-003</b>	<b>0.2364</b>	<b>2.7700e-003</b>	<b>0.2391</b>	<b>0.0630</b>	<b>2.5800e-003</b>	<b>0.0656</b>		<b>267.6457</b>	<b>267.6457</b>	<b>9.9100e-003</b>			<b>267.8934</b>



County Line Transportation Corridor - South Coast Air Basin, Winter

**County Line Transportation Corridor  
South Coast Air Basin, Winter**

**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	1.4741	14.8019	15.2690	0.0242		0.7814	0.7814		0.7212	0.7212	0.0000	2,308.7661	2,308.7661	0.7245		2,326.8789
Paving	0.2439					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>1.7180</b>	<b>14.8019</b>	<b>15.2690</b>	<b>0.0242</b>		<b>0.7814</b>	<b>0.7814</b>		<b>0.7212</b>	<b>0.7212</b>	<b>0.0000</b>	<b>2,308.7661</b>	<b>2,308.7661</b>	<b>0.7245</b>		<b>2,326.8789</b>

**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
Vendor	6.9400e-003	0.2106	0.0568	5.0000e-004	0.0128	1.0600e-003	0.0139	3.6800e-003	1.0100e-003	4.7000e-003		53.0755	53.0755	3.7300e-003		53.1688
Worker	0.0987	0.0666	0.7392	2.1500e-003	0.2236	1.7100e-003	0.2253	0.0593	1.5700e-003	0.0609		214.5703	214.5703	6.1800e-003		214.7247
<b>Total</b>	<b>0.1056</b>	<b>0.2772</b>	<b>0.7959</b>	<b>2.6500e-003</b>	<b>0.2364</b>	<b>2.7700e-003</b>	<b>0.2391</b>	<b>0.0630</b>	<b>2.5800e-003</b>	<b>0.0656</b>		<b>267.6457</b>	<b>267.6457</b>	<b>9.9100e-003</b>		<b>267.8934</b>

County Line Transportation Corridor - South Coast Air Basin, Annual

**County Line Transportation Corridor**  
**South Coast Air Basin, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	10.24	Acre	10.24	446,054.40	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	31
<b>Climate Zone</b>	10			<b>Operational Year</b>	2020
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MWhr)</b>	702.44	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics -

Land Use -

Construction Phase - Per Engineer

Off-road Equipment - Per Engineer

Off-road Equipment - Per Engineer

Trips and VMT - 2 water truck trips added to vendor trips for grading and paving

Construction Off-road Equipment Mitigation - Water site 3x daily per Rule 403

County Line Transportation Corridor - South Coast Air Basin, Annual

**County Line Transportation Corridor  
South Coast Air Basin, Annual**

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	30.00	110.00
tblConstructionPhase	NumDays	20.00	110.00
tblConstructionPhase	PhaseEndDate	11/22/2019	1/31/2020
tblConstructionPhase	PhaseEndDate	2/12/2021	1/31/2020
tblConstructionPhase	PhaseStartDate	10/12/2019	9/1/2019
tblConstructionPhase	PhaseStartDate	1/16/2021	9/1/2019
tblGrading	AcresOfGrading	55.00	75.00
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Cement and Mortar Mixers
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00

**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					
2019	0.2053	2.0478	1.3734	2.6100e-003	0.3195	0.0996	0.4191	0.1530	0.0917	0.2448	0.0000	233.0148	233.0148	0.0674	0.0000	234.6997
2020	0.0511	0.5029	0.3579	6.9000e-004	0.1137	0.0240	0.1378	0.0436	0.0221	0.0658	0.0000	60.2545	60.2545	0.0178	0.0000	60.6994
<b>Maximum</b>	<b>0.2053</b>	<b>2.0478</b>	<b>1.3734</b>	<b>2.6100e-003</b>	<b>0.3195</b>	<b>0.0996</b>	<b>0.4191</b>	<b>0.1530</b>	<b>0.0917</b>	<b>0.2448</b>	<b>0.0000</b>	<b>233.0148</b>	<b>233.0148</b>	<b>0.0674</b>	<b>0.0000</b>	<b>234.6997</b>

County Line Transportation Corridor - South Coast Air Basin, Annual

**County Line Transportation Corridor  
South Coast Air Basin, Annual**

**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					
2019	0.2053	2.0478	1.3734	2.6100e-003	0.1355	0.0996	0.2351	0.0626	0.0917	0.1543	0.0000	233.0146	233.0146	0.0674	0.0000	234.6994
2020	0.0511	0.5029	0.3579	6.9000e-004	0.0472	0.0240	0.0713	0.0178	0.0221	0.0399	0.0000	60.2545	60.2545	0.0178	0.0000	60.6993
<b>Maximum</b>	<b>0.2053</b>	<b>2.0478</b>	<b>1.3734</b>	<b>2.6100e-003</b>	<b>0.1355</b>	<b>0.0996</b>	<b>0.2351</b>	<b>0.0626</b>	<b>0.0917</b>	<b>0.1543</b>	<b>0.0000</b>	<b>233.0146</b>	<b>233.0146</b>	<b>0.0674</b>	<b>0.0000</b>	<b>234.6994</b>

	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
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>57.83</b>	<b>0.00</b>	<b>45.00</b>	<b>59.13</b>	<b>0.00</b>	<b>37.45</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2019	11-30-2019	1.6832	1.6832
2	12-1-2019	2-29-2020	1.1070	1.1070
		Highest	1.6832	1.6832

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	9/1/2019	1/31/2020	5	110	
2	Paving	Paving	9/1/2019	1/31/2020	5	110	

County Line Transportation Corridor - South Coast Air Basin, Annual  
**County Line Transportation Corridor**  
 South Coast Air Basin, Annual

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 10.24

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Rubber Tired Loaders	1	8.00	203	0.36
Paving	Cement and Mortar Mixers	2	8.00	9	0.56
Grading	Excavators	0	8.00	158	0.38
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Grading	Scrapers	0	8.00	367	0.48

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
Grading	6	15.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

County Line Transportation Corridor - South Coast Air Basin. Annual  
**County Line Transportation Corridor**  
 South Coast Air Basin, Annual

**3.2 Grading - 2019**

**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					0.3017	0.0000	0.3017	0.1483	0.0000	0.1483	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1183	1.3264	0.6398	1.3400e-003		0.0622	0.0622		0.0572	0.0572	0.0000	120.1432	120.1432	0.0380	0.0000	121.0935
<b>Total</b>	<b>0.1183</b>	<b>1.3264</b>	<b>0.6398</b>	<b>1.3400e-003</b>	<b>0.3017</b>	<b>0.0622</b>	<b>0.3639</b>	<b>0.1483</b>	<b>0.0572</b>	<b>0.2055</b>	<b>0.0000</b>	<b>120.1432</b>	<b>120.1432</b>	<b>0.0380</b>	<b>0.0000</b>	<b>121.0935</b>

**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	3.5000e-004	0.0102	2.6000e-003	2.0000e-005	5.5000e-004	7.0000e-005	6.1000e-004	1.6000e-004	6.0000e-005	2.2000e-004	0.0000	2.1422	2.1422	1.5000e-004	0.0000	2.1459
Worker	3.1400e-003	2.5100e-003	0.0273	7.0000e-005	7.1600e-003	6.0000e-005	7.2200e-003	1.9000e-003	5.0000e-005	1.9500e-003	0.0000	6.6571	6.6571	2.1000e-004	0.0000	6.6624
<b>Total</b>	<b>3.4900e-003</b>	<b>0.0127</b>	<b>0.0299</b>	<b>9.0000e-005</b>	<b>7.7100e-003</b>	<b>1.3000e-004</b>	<b>7.8300e-003</b>	<b>2.0600e-003</b>	<b>1.1000e-004</b>	<b>2.1700e-003</b>	<b>0.0000</b>	<b>8.7993</b>	<b>8.7993</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>8.8083</b>

County Line Transportation Corridor - South Coast Air Basin, Annual  
**County Line Transportation Corridor**  
 South Coast Air Basin, Annual

**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					0.1177	0.0000	0.1177	0.0578	0.0000	0.0578	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1183	1.3264	0.6398	1.3400e-003		0.0622	0.0622		0.0572	0.0572	0.0000	120.1430	120.1430	0.0380	0.0000	121.0933
<b>Total</b>	<b>0.1183</b>	<b>1.3264</b>	<b>0.6398</b>	<b>1.3400e-003</b>	<b>0.1177</b>	<b>0.0622</b>	<b>0.1799</b>	<b>0.0578</b>	<b>0.0572</b>	<b>0.1151</b>	<b>0.0000</b>	<b>120.1430</b>	<b>120.1430</b>	<b>0.0380</b>	<b>0.0000</b>	<b>121.0933</b>

**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	3.5000e-004	0.0102	2.6000e-003	2.0000e-005	5.5000e-004	7.0000e-005	6.1000e-004	1.6000e-004	6.0000e-005	2.2000e-004	0.0000	2.1422	2.1422	1.5000e-004	0.0000	2.1459
Worker	3.1400e-003	2.5100e-003	0.0273	7.0000e-005	7.1600e-003	6.0000e-005	7.2200e-003	1.9000e-003	5.0000e-005	1.9500e-003	0.0000	6.6571	6.6571	2.1000e-004	0.0000	6.6624
<b>Total</b>	<b>3.4900e-003</b>	<b>0.0127</b>	<b>0.0299</b>	<b>9.0000e-005</b>	<b>7.7100e-003</b>	<b>1.3000e-004</b>	<b>7.8300e-003</b>	<b>2.0600e-003</b>	<b>1.1000e-004</b>	<b>2.1700e-003</b>	<b>0.0000</b>	<b>8.7993</b>	<b>8.7993</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>8.8083</b>

County Line Transportation Corridor - South Coast Air Basin, Annual  
**County Line Transportation Corridor**  
 South Coast Air Basin, Annual

**3.2 Grading - 2020**

**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					0.1090	0.0000	0.1090	0.0424	0.0000	0.0424	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0294	0.3264	0.1658	3.5000e-004		0.0150	0.0150		0.0138	0.0138	0.0000	31.0634	31.0634	0.0101	0.0000	31.3146
<b>Total</b>	<b>0.0294</b>	<b>0.3264</b>	<b>0.1658</b>	<b>3.5000e-004</b>	<b>0.1090</b>	<b>0.0150</b>	<b>0.1240</b>	<b>0.0424</b>	<b>0.0138</b>	<b>0.0562</b>	<b>0.0000</b>	<b>31.0634</b>	<b>31.0634</b>	<b>0.0101</b>	<b>0.0000</b>	<b>31.3146</b>

**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	8.0000e-005	2.4700e-003	6.2000e-004	1.0000e-005	1.4000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.5627	0.5627	4.0000e-005	0.0000	0.5636
Worker	7.7000e-004	5.9000e-004	6.5400e-003	2.0000e-005	1.8900e-003	1.0000e-005	1.9100e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.7054	1.7054	5.0000e-005	0.0000	1.7066
<b>Total</b>	<b>8.5000e-004</b>	<b>3.0600e-003</b>	<b>7.1600e-003</b>	<b>3.0000e-005</b>	<b>2.0300e-003</b>	<b>2.0000e-005</b>	<b>2.0700e-003</b>	<b>5.4000e-004</b>	<b>2.0000e-005</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.2681</b>	<b>2.2681</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>2.2702</b>



County Line Transportation Corridor - South Coast Air Basin, Annual  
**County Line Transportation Corridor**  
**South Coast Air Basin, Annual**

**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					0.0425	0.0000	0.0425	0.0165	0.0000	0.0165	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0294	0.3264	0.1658	3.5000e-004		0.0150	0.0150		0.0138	0.0138	0.0000	31.0634	31.0634	0.0101	0.0000	31.3145
<b>Total</b>	<b>0.0294</b>	<b>0.3264</b>	<b>0.1658</b>	<b>3.5000e-004</b>	<b>0.0425</b>	<b>0.0150</b>	<b>0.0575</b>	<b>0.0165</b>	<b>0.0138</b>	<b>0.0303</b>	<b>0.0000</b>	<b>31.0634</b>	<b>31.0634</b>	<b>0.0101</b>	<b>0.0000</b>	<b>31.3145</b>

**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	8.0000e-005	2.4700e-003	6.2000e-004	1.0000e-005	1.4000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.5627	0.5627	4.0000e-005	0.0000	0.5636
Worker	7.7000e-004	5.9000e-004	6.5400e-003	2.0000e-005	1.8900e-003	1.0000e-005	1.9100e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.7054	1.7054	5.0000e-005	0.0000	1.7066
<b>Total</b>	<b>8.5000e-004</b>	<b>3.0600e-003</b>	<b>7.1600e-003</b>	<b>3.0000e-005</b>	<b>2.0300e-003</b>	<b>2.0000e-005</b>	<b>2.0700e-003</b>	<b>5.4000e-004</b>	<b>2.0000e-005</b>	<b>5.7000e-004</b>	<b>0.0000</b>	<b>2.2681</b>	<b>2.2681</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>2.2702</b>

County Line Transportation Corridor - South Coast Air Basin. Annual  
**County Line Transportation Corridor**  
 South Coast Air Basin, Annual

**3.3 Paving - 2019**

**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	0.0684	0.6952	0.6648	1.0500e-003		0.0371	0.0371		0.0343	0.0343	0.0000	93.0541	93.0541	0.0286	0.0000	93.7689
Paving	0.0106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0790</b>	<b>0.6952</b>	<b>0.6648</b>	<b>1.0500e-003</b>		<b>0.0371</b>	<b>0.0371</b>		<b>0.0343</b>	<b>0.0343</b>	<b>0.0000</b>	<b>93.0541</b>	<b>93.0541</b>	<b>0.0286</b>	<b>0.0000</b>	<b>93.7689</b>

**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	3.5000e-004	0.0102	2.6000e-003	2.0000e-005	5.5000e-004	7.0000e-005	6.1000e-004	1.6000e-004	6.0000e-005	2.2000e-004	0.0000	2.1422	2.1422	1.5000e-004	0.0000	2.1459
Worker	4.1900e-003	3.3400e-003	0.0363	1.0000e-004	9.5500e-003	8.0000e-005	9.6200e-003	2.5300e-003	7.0000e-005	2.6100e-003	0.0000	8.8762	8.8762	2.8000e-004	0.0000	8.8831
<b>Total</b>	<b>4.5400e-003</b>	<b>0.0135</b>	<b>0.0389</b>	<b>1.2000e-004</b>	<b>0.0101</b>	<b>1.5000e-004</b>	<b>0.0102</b>	<b>2.6900e-003</b>	<b>1.3000e-004</b>	<b>2.8300e-003</b>	<b>0.0000</b>	<b>11.0183</b>	<b>11.0183</b>	<b>4.3000e-004</b>	<b>0.0000</b>	<b>11.0290</b>

County Line Transportation Corridor - South Coast Air Basin, Annual  
**County Line Transportation Corridor**  
 South Coast Air Basin, Annual

**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	0.0684	0.6952	0.6648	1.0500e-003		0.0371	0.0371		0.0343	0.0343	0.0000	93.0539	93.0539	0.0286	0.0000	93.7688
Paving	0.0106					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0790</b>	<b>0.6952</b>	<b>0.6648</b>	<b>1.0500e-003</b>		<b>0.0371</b>	<b>0.0371</b>		<b>0.0343</b>	<b>0.0343</b>	<b>0.0000</b>	<b>93.0539</b>	<b>93.0539</b>	<b>0.0286</b>	<b>0.0000</b>	<b>93.7688</b>

**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	3.5000e-004	0.0102	2.6000e-003	2.0000e-005	5.5000e-004	7.0000e-005	6.1000e-004	1.6000e-004	6.0000e-005	2.2000e-004	0.0000	2.1422	2.1422	1.5000e-004	0.0000	2.1459
Worker	4.1900e-003	3.3400e-003	0.0363	1.0000e-004	9.5500e-003	8.0000e-005	9.6200e-003	2.5300e-003	7.0000e-005	2.6100e-003	0.0000	8.8762	8.8762	2.8000e-004	0.0000	8.8831
<b>Total</b>	<b>4.5400e-003</b>	<b>0.0135</b>	<b>0.0389</b>	<b>1.2000e-004</b>	<b>0.0101</b>	<b>1.5000e-004</b>	<b>0.0102</b>	<b>2.6900e-003</b>	<b>1.3000e-004</b>	<b>2.8300e-003</b>	<b>0.0000</b>	<b>11.0183</b>	<b>11.0183</b>	<b>4.3000e-004</b>	<b>0.0000</b>	<b>11.0290</b>

County Line Transportation Corridor - South Coast Air Basin, Annual  
**County Line Transportation Corridor**  
 South Coast Air Basin, Annual

**3.3 Paving - 2020**

**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	0.0170	0.1702	0.1756	2.8000e-004		8.9900e-003	8.9900e-003		8.2900e-003	8.2900e-003	0.0000	24.0865	24.0865	7.5600e-003	0.0000	24.2755
Paving	2.8000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0198</b>	<b>0.1702</b>	<b>0.1756</b>	<b>2.8000e-004</b>		<b>8.9900e-003</b>	<b>8.9900e-003</b>		<b>8.2900e-003</b>	<b>8.2900e-003</b>	<b>0.0000</b>	<b>24.0865</b>	<b>24.0865</b>	<b>7.5600e-003</b>	<b>0.0000</b>	<b>24.2755</b>

**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	8.0000e-005	2.4700e-003	6.2000e-004	1.0000e-005	1.4000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.5627	0.5627	4.0000e-005	0.0000	0.5636
Worker	1.0200e-003	7.9000e-004	8.7300e-003	3.0000e-005	2.5200e-003	2.0000e-005	2.5400e-003	6.7000e-004	2.0000e-005	6.9000e-004	0.0000	2.2739	2.2739	7.0000e-005	0.0000	2.2755
<b>Total</b>	<b>1.1000e-003</b>	<b>3.2600e-003</b>	<b>9.3500e-003</b>	<b>4.0000e-005</b>	<b>2.6600e-003</b>	<b>3.0000e-005</b>	<b>2.7000e-003</b>	<b>7.1000e-004</b>	<b>3.0000e-005</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>2.8365</b>	<b>2.8365</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>2.8391</b>

County Line Transportation Corridor - South Coast Air Basin, Annual  
**County Line Transportation Corridor**  
**South Coast Air Basin, Annual**

**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	0.0170	0.1702	0.1756	2.8000e-004		8.9900e-003	8.9900e-003		8.2900e-003	8.2900e-003	0.0000	24.0865	24.0865	7.5600e-003	0.0000	24.2754
Paving	2.8000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0198</b>	<b>0.1702</b>	<b>0.1756</b>	<b>2.8000e-004</b>		<b>8.9900e-003</b>	<b>8.9900e-003</b>		<b>8.2900e-003</b>	<b>8.2900e-003</b>	<b>0.0000</b>	<b>24.0865</b>	<b>24.0865</b>	<b>7.5600e-003</b>	<b>0.0000</b>	<b>24.2754</b>

**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	8.0000e-005	2.4700e-003	6.2000e-004	1.0000e-005	1.4000e-004	1.0000e-005	1.6000e-004	4.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.5627	0.5627	4.0000e-005	0.0000	0.5636
Worker	1.0200e-003	7.9000e-004	8.7300e-003	3.0000e-005	2.5200e-003	2.0000e-005	2.5400e-003	6.7000e-004	2.0000e-005	6.9000e-004	0.0000	2.2739	2.2739	7.0000e-005	0.0000	2.2755
<b>Total</b>	<b>1.1000e-003</b>	<b>3.2600e-003</b>	<b>9.3500e-003</b>	<b>4.0000e-005</b>	<b>2.6600e-003</b>	<b>3.0000e-005</b>	<b>2.7000e-003</b>	<b>7.1000e-004</b>	<b>3.0000e-005</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>2.8365</b>	<b>2.8365</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>2.8391</b>