

Appendix M
Alternatives VMT Information

**TABLE 1
ALTERNATIVES SUMMARY**

Project Scenario	VMT Analysis					
	Daily Trips	Daily VMT	Household		Work	
			VMT per Capita	Significant Impact	VMT per Employee	Significant Impact
Project						
1,521 du multi-family residential 68 room hotel 45,266 sf retail 34,423 sf quality restaurant 34,423 sf high-turnover restaurant 411,113 sf general office	14,405	94,270	3.9	NO	6.5	NO
Alternative 2						
<u>Above Ground Parking Alternative</u> 1,589 du multi-family residential 45,266 sf retail 34,423 sf quality restaurant 34,423 sf high-turnover restaurant 411,113 sf general office	12,357	80,730	3.6	NO	5.9	NO
Alternative 3						
<u>Historic Preservation / Reduced Density Alternative</u> 1,049 du multi-family residential 33,667 sf retail 25,250 sf quality restaurant 25,250 sf high-turnover restaurant 282,005 sf general office	8,781	57,537	3.6	NO	6.4	NO
Alternative 4						
<u>Historic Preservation / Existing Zoning Alternative</u> 1,159,267 sf office	5,109	37,943	--	NO	4.6	NO

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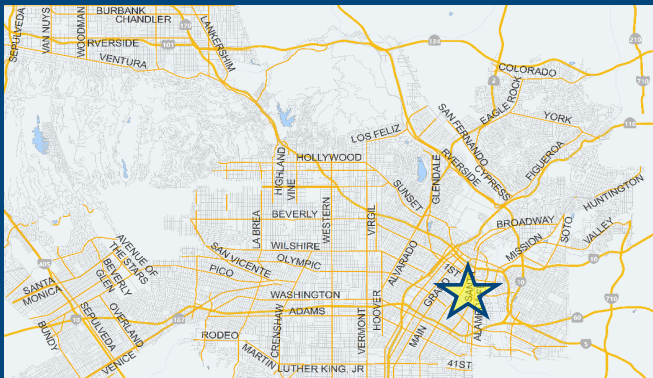
Project Screening Criteria: Is this project required to conduct a vehicle miles traveled analysis?

Project Information

Project:

Scenario:

Address:



If the project is replacing an existing number of residential units with a smaller number of residential units, is the proposed project located within one-half mile of a fixed-rail or fixed-

Yes No

Existing Land Use

Land Use Type	Value	Unit
Industrial Warehousing/Self-Storage	360.734	ksf
Industrial Warehousing/Self-Storage	360.734	

[Click here to add a single custom land use type \(will be included in the above list\)](#)

Proposed Project Land Use

Land Use Type	Value	Unit
Housing Multi-Family	1589	DU
Housing Multi-Family	1589	
Retail General Retail	45.266	
Retail High-Turnover Sit-Down Restaurant	34.423	
Retail Quality Restaurant	34.423	
Office General Office	411.113	

[Click here to add a single custom land use type \(will be included in the above list\)](#)

Project Screening Summary

Existing Land Use	Proposed
659 Daily Vehicle Trips	14,315 Daily Vehicle Trips
4,518 Daily VMT	93,624 Daily VMT
Tier 1 Screening Criteria	
Project will have less residential units compared to existing residential units & is within one-half mile of a fixed-rail station. <input type="checkbox"/>	
Tier 2 Screening Criteria	
The net increase in daily trips < 250 trips	13,656 Net Daily Trips
The net increase in daily VMT ≤ 0	89,106 Net Daily VMT
The proposed project consists of only retail land uses ≤ 50,000 square feet total.	114.112 ksf
The proposed project is required to perform VMT analysis.	



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Project Information

Project:

Scenario:

Address:



Proposed Project Land Use Type	Value	Unit
Housing Multi-Family	1589	DU
Retail General Retail	45,266	ksf
Retail High-Turnover Sit-Down Restaurant	34,423	ksf
Retail Quality Restaurant	34,423	ksf
Office General Office	411,113	ksf

TDM Strategies

Select each section to show individual strategies
 Use to denote if the TDM strategy is part of the proposed project or is a mitigation strategy

Max Home Based TDM Achieved? Proposed Project No With Mitigation No

Max Work Based TDM Achieved? Proposed Project No With Mitigation No

A Parking

Reduce Parking Supply city code parking provision for the project site
 actual parking provision for the project site

Unbundle Parking monthly parking cost (dollar) for the project site

Parking Cash-Out percent of employees eligible

Price Workplace Parking daily parking charge (dollar)
 percent of employees subject to priced parking

Residential Area Parking Permits cost (dollar) of annual permit

- B Transit
- C Education & Encouragement
- D Commute Trip Reductions
- E Shared Mobility
- F Bicycle Infrastructure
- G Neighborhood Enhancement

Analysis Results

Proposed Project	With
12,357 Daily Vehicle Trips	12,357 Daily Vehicle Trips
80,730 Daily VMT	80,730 Daily VMT
3.6 Household VMT per Capita	3.6 Household VMT
5.9 Work VMT per Employee	5.9 Work VMT per Employee
Significant VMT Impact?	
Household: No Threshold = 6.0 15% Below APC	Household: No Threshold = 6.0 15% Below APC
Work: No Threshold = 7.6 15% Below APC	Work: No Threshold = 7.6 15% Below APC



CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 2 - Above Ground Parking

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

Project Information			
Land Use Type		Value	Units
Housing	<i>Single Family</i>	0	DU
	Multi Family	1,589	DU
	<i>Townhouse</i>	0	DU
	<i>Hotel</i>	0	Rooms
	<i>Motel</i>	0	Rooms
<i>Affordable Housing</i>	<i>Family</i>	0	DU
	<i>Senior</i>	0	DU
	<i>Special Needs</i>	0	DU
	<i>Permanent Supportive</i>	0	DU
Retail	General Retail	45.266	ksf
	<i>Furniture Store</i>	0.000	ksf
	<i>Pharmacy/Drugstore</i>	0.000	ksf
	<i>Supermarket</i>	0.000	ksf
	<i>Bank</i>	0.000	ksf
	<i>Health Club</i>	0.000	ksf
	High-Turnover Sit-Down Restaurant	34.423	ksf
	<i>Fast-Food Restaurant</i>	0.000	ksf
	Quality Restaurant	34.423	ksf
	<i>Auto Repair</i>	0.000	ksf
	<i>Home Improvement</i>	0.000	ksf
	<i>Free-Standing Discount</i>	0.000	ksf
	<i>Movie Theater</i>	0	Seats
	Office	General Office	411.113
<i>Medical Office</i>		0.000	ksf
<i>Industrial</i>	<i>Light Industrial</i>	0.000	ksf
	<i>Manufacturing</i>	0.000	ksf
	<i>Warehousing/Self-Storage</i>	0.000	ksf
<i>School</i>	<i>University</i>	0	Students
	<i>High School</i>	0	Students
	<i>Middle School</i>	0	Students
	<i>Elementary</i>	0	Students
	<i>Private School (K-12)</i>	0	Students
<i>Other</i>		0	Trips

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

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Project Name: 4th & Central

Project Scenario: Alt 2 - Above Ground Parking

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 2 - Above Ground Parking

Project Address: 400 S CENTRAL AVE, 90013



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Analysis Results			
Total Employees: 2,010 Total Population: 3,581			
Proposed Project		With Mitigation	
12,357	Daily Vehicle Trips	12,357	Daily Vehicle Trips
80,730	Daily VMT	80,730	Daily VMT
3.6	Household VMT per Capita	3.6	Household VMT per Capita
5.9	Work VMT per Employee	5.9	Work VMT per Employee
Significant VMT Impact?			
APC: Central			
Impact Threshold: 15% Below APC Average Household = 6.0 Work = 7.6			
Proposed Project		With Mitigation	
VMT Threshold	Impact	VMT Threshold	Impact
Household > 6.0	No	Household > 6.0	No
Work > 7.6	No	Work > 7.6	No

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 2 - Above Ground Parking

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs				
Strategy Type	Description	Proposed Project	Mitigations	
Parking	Reduce parking supply	City code parking provision (spaces)	2638	2638
		Actual parking provision (spaces)	990	990
	Unbundle parking	Monthly cost for parking (\$)	\$0	\$0
	Parking cash-out	Employees eligible (%)	50%	50%
	Price workplace parking	Daily parking charge (\$)	\$0.00	\$0.00
		Employees subject to priced parking (%)	0%	0%
	Residential area parking permits	Cost of annual permit (\$)	\$0	\$0
(cont. on following page)				

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 2 - Above Ground Parking

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs, Cont.				
Strategy Type	Description	Proposed Project	Mitigations	
Transit	Reduce transit headways	Reduction in headways (increase in frequency) (%)	0%	
		Existing transit mode share (as a percent of total daily trips) (%)	0%	
		Lines within project site improved (<50%, >=50%)	0	
	Implement neighborhood shuttle	Degree of implementation (low, medium, high)	0	0
		Employees and residents eligible (%)	0%	0%
	Transit subsidies	Employees and residents eligible (%)	0%	0%
Amount of transit subsidy per passenger (daily equivalent) (\$)		\$0.00	\$0.00	
Education & Encouragement	Voluntary travel behavior change program	Employees and residents participating (%)	0%	
	Promotions and marketing	Employees and residents participating (%)	0%	
(cont. on following page)				

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 2 - Above Ground Parking

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs, Cont.				
Strategy Type		Description	Proposed Project	Mitigations
Commuter Trip Reductions	<i>Required commute trip reduction program</i>	<i>Employees participating (%)</i>	0%	0%
	<i>Alternative Work Schedules and Telecommute</i>	<i>Employees participating (%)</i>	0%	0%
		<i>Type of program</i>	0	0
	<i>Employer sponsored vanpool or shuttle</i>	<i>Degree of implementation (low, medium, high)</i>	0	0
		<i>Employees eligible (%)</i>	0%	0%
		<i>Employer size (small, medium, large)</i>	0	0
	<i>Ride-share program</i>	<i>Employees eligible (%)</i>	0%	0%
Shared Mobility	<i>Car share</i>	<i>Car share project setting (Urban, Suburban, All Other)</i>	0	0
	Bike share	Within 600 feet of existing bike share station - OR- implementing new bike share station (Yes/No)	Yes	Yes
	<i>School carpool program</i>	<i>Level of implementation (Low, Medium, High)</i>	0	0
(cont. on following page)				

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 2 - Above Ground Parking

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs, Cont.				
Strategy Type	Description	Proposed Project	Mitigations	
Bicycle Infrastructure	<i>Implement/Improve on-street bicycle facility</i>	<i>Provide bicycle facility along site (Yes/No)</i>	0	0
	Include Bike parking per LAMC	Meets City Bike Parking Code (Yes/No)	Yes	Yes
	<i>Include secure bike parking and showers</i>	<i>Includes indoor bike parking/lockers, showers, & repair station (Yes/No)</i>	0	0
Neighborhood Enhancement	<i>Traffic calming improvements</i>	<i>Streets with traffic calming improvements (%)</i>	0%	0%
		<i>Intersections with traffic calming improvements (%)</i>	0%	0%
	<i>Pedestrian network improvements</i>	<i>Included (within project and connecting off-site/within project only)</i>	0	0



TDM Adjustments by Trip Purpose & Strategy

Place type: Urban													
Source	Production		Attraction		Production		Attraction		Production		Attraction		Source
	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
TDM Strategy Appendix, Parking sections 1 - 5	Reduce parking supply	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%
	Unbundle parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Parking cash-out	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	0%	0%
	Parking workplace	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Residential area parking	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Transit	Reduce transit	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	headways	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Implement neighborhood shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Education & Encouragement	Voluntary travel	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	behavior change program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Promotions and marketing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Commute Trip Reductions	Required commute trip reduction program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Alternative Work Schedules and Telecommute Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Employer sponsored vanpool or shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Ride-share program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Shared Mobility	School carpool program	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Bike share	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
	Car-share	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TDM Strategy Appendix, Shared Mobility sections 1 - 3	TDM Strategy Appendix, Commute Trip Reductions sections 1 - 4	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
TDM Strategy Appendix, Education & Encouragement sections 1 - 2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

CITY OF LOS ANGELES VMT CALCULATOR

Report 3: TDM Outputs

Date: May 8, 2023
 Project Name: 4th & Central
 Project Scenario: Alt 2 - Above Ground Parking
 Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Adjustments by Trip Purpose & Strategy, Cont.

Place type: Urban

		Home Based Work Production		Home Based Work Attraction		Home Based Other Production		Home Based Other Attraction		Non-Home Based Other Production		Non-Home Based Other Attraction		Source
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
		Bicycle Infrastructure	Implement/ Improve on-street bicycle facility	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Include Bike parking per LAMC	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	
	Include secure bike parking and showers	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Neighborhood Enhancement	Traffic calming improvements	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	TDM Strategy Appendix, Neighborhood Enhancement
	Pedestrian network improvements	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Final Combined & Maximum TDM Effect

	Home Based Work Production		Home Based Work Attraction		Home Based Other Production		Home Based Other Attraction		Non-Home Based Other Production		Non-Home Based Other Attraction	
	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated
COMBINED TOTAL	13%	13%	17%	17%	13%	13%	13%	13%	13%	13%	13%	13%
MAX. TDM EFFECT	13%	13%	17%	17%	13%	13%	13%	13%	13%	13%	13%	13%

$$= \text{Minimum}(X\%, 1 - [(1-A) * (1-B) \dots])$$

where X%=

PLACE	urban	75%
TYPE	compact infill	40%
MAX:	suburban center	20%
	suburban	15%

Note: $(1 - [(1-A) * (1-B) \dots])$ reflects the dampened combined effectiveness of TDM Strategies (e.g., A, B, ...). See the TDM Strategy Appendix (*Transportation Assessment Guidelines Attachment G*) for further discussion of dampening.

CITY OF LOS ANGELES VMT CALCULATOR

Report 4: MXD Methodology

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 2 - Above Ground Parking

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

MXD Methodology - Project Without TDM

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	1,424	-33.4%	949	6.8	9,683	6,453
Home Based Other Production	3,945	-53.1%	1,851	4.5	17,753	8,330
Non-Home Based Other Production	4,028	-6.1%	3,782	7.4	29,807	27,987
Home-Based Work Attraction	2,552	-32.8%	1,714	8.3	21,182	14,226
Home-Based Other Attraction	6,764	-47.3%	3,565	5.8	39,231	20,677
Non-Home Based Other Attraction	2,633	-6.8%	2,454	6.5	17,115	15,951

MXD Methodology with TDM Measures

	<i>Proposed Project</i>			<i>Project with Mitigation Measures</i>		
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT
Home Based Work Production	-13.3%	823	5,597	-13.3%	823	5,597
Home Based Other Production	-13.3%	1,605	7,225	-13.3%	1,605	7,225
Non-Home Based Other Production	-13.3%	3,280	24,275	-13.3%	3,280	24,275
Home-Based Work Attraction	-16.6%	1,429	11,864	-16.6%	1,429	11,864
Home-Based Other Attraction	-13.3%	3,092	17,934	-13.3%	3,092	17,934
Non-Home Based Other Attraction	-13.3%	2,128	13,835	-13.3%	2,128	13,835

MXD VMT Methodology Per Capita & Per Employee

Total Population: 3,581

Total Employees: 2,010

APC: Central

	<i>Proposed Project</i>	<i>Project with Mitigation Measures</i>
<i>Total Home Based Production VMT</i>	12,822	12,822
<i>Total Home Based Work Attraction VMT</i>	11,864	11,864
<i>Total Home Based VMT Per Capita</i>	3.6	3.6
<i>Total Work Based VMT Per Employee</i>	5.9	5.9

CITY OF LOS ANGELES VMT CALCULATOR Version 1.3



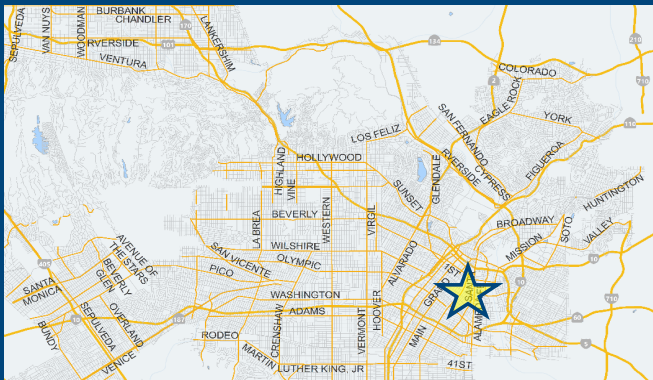
Project Screening Criteria: Is this project required to conduct a vehicle miles traveled analysis?

Project Information

Project:

Scenario:

Address:



If the project is replacing an existing number of residential units with a smaller number of residential units, is the proposed project located within one-half mile of a fixed-rail or fixed-

Yes No

Existing Land Use

Land Use Type	Value	Unit
Industrial Warehousing/Self-Storage	360.734	ksf
Industrial Warehousing/Self-Storage	360.734	ksf

[Click here to add a single custom land use type \(will be included in the above list\)](#)

Proposed Project Land Use

Land Use Type	Value	Unit
Office General Office	282005	ksf
Housing Multi-Family	1049	DU
Retail General Retail	33.667	ksf
Retail High-Turnover Sit-Down Restaurant	25.25	ksf
Retail Quality Restaurant	25.25	ksf
Office General Office	282.005	ksf

[Click here to add a single custom land use type \(will be included in the above list\)](#)

Project Screening Summary

Existing Land Use	Proposed
659 Daily Vehicle Trips	10,173 Daily Vehicle Trips
4,518 Daily VMT	66,748 Daily VMT
Tier 1 Screening Criteria	
Project will have less residential units compared to existing residential units & is within one-half mile of a fixed-rail station. <input type="checkbox"/>	
Tier 2 Screening Criteria	
The net increase in daily trips < 250 trips	9,514 Net Daily Trips
The net increase in daily VMT ≤ 0	62,230 Net Daily VMT
The proposed project consists of only retail land uses ≤ 50,000 square feet total.	84.167 ksf
The proposed project is required to perform VMT analysis.	



CITY OF LOS ANGELES VMT CALCULATOR Version 1.3

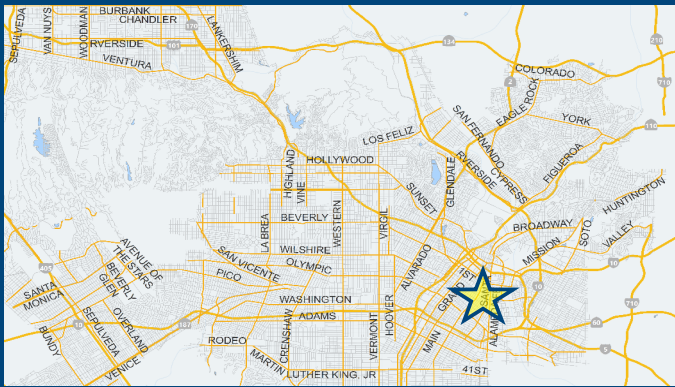


Project Information

Project:

Scenario:

Address:



Proposed Project Land Use Type	Value	Unit
Housing Multi-Family	1049	DU
Retail General Retail	33.667	ksf
Retail High-Turnover Sit-Down Restaurant	25.25	ksf
Retail Quality Restaurant	25.25	ksf
Office General Office	282.005	ksf

TDM Strategies

Select each section to show individual strategies
 Use to denote if the TDM strategy is part of the proposed project or is a mitigation strategy

Max Home Based TDM Achieved?	<input type="checkbox"/> Proposed Project	<input type="checkbox"/> With Mitigation
Max Work Based TDM Achieved?	<input type="checkbox"/> No	<input type="checkbox"/> No

A **Parking**

Reduce Parking Supply city code parking provision for the project site
 Proposed Prj Mitigation actual parking provision for the project site

Unbundle Parking monthly parking cost (dollar) for the project site
 Proposed Prj Mitigation

Parking Cash-Out percent of employees eligible
 Proposed Prj Mitigation

Price Workplace Parking daily parking charge (dollar)
 percent of employees subject to priced parking
 Proposed Prj Mitigation

Residential Area Parking Permits cost (dollar) of annual permit
 Proposed Prj Mitigation

- B** Transit
- C** Education & Encouragement
- D** Commute Trip Reductions
- E** Shared Mobility
- F** Bicycle Infrastructure
- G** Neighborhood Enhancement

Analysis Results

Proposed Project	With
8,781 Daily Vehicle Trips	8,781 Daily Vehicle Trips
57,537 Daily VMT	57,537 Daily VMT
3.6 Household VMT per Capita	3.6 Household VMT
6.4 Work VMT per Employee	6.4 Work VMT per Employee
Significant VMT Impact?	
Household: No Threshold = 6.0 15% Below APC	Household: No Threshold = 6.0 15% Below APC
Work: No Threshold = 7.6 15% Below APC	Work: No Threshold = 7.6 15% Below APC



CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 3 - Historic Preservation / Reduced D

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

Project Information			
Land Use Type		Value	Units
Housing	<i>Single Family</i>	0	DU
	Multi Family	1,049	DU
	<i>Townhouse</i>	0	DU
	<i>Hotel</i>	0	Rooms
	<i>Motel</i>	0	Rooms
<i>Affordable Housing</i>	<i>Family</i>	0	DU
	<i>Senior</i>	0	DU
	<i>Special Needs</i>	0	DU
	<i>Permanent Supportive</i>	0	DU
Retail	General Retail	33.667	ksf
	<i>Furniture Store</i>	0.000	ksf
	<i>Pharmacy/Drugstore</i>	0.000	ksf
	<i>Supermarket</i>	0.000	ksf
	<i>Bank</i>	0.000	ksf
	<i>Health Club</i>	0.000	ksf
	High-Turnover Sit-Down Restaurant	25.250	ksf
	<i>Fast-Food Restaurant</i>	0.000	ksf
	Quality Restaurant	25.250	ksf
	<i>Auto Repair</i>	0.000	ksf
	<i>Home Improvement</i>	0.000	ksf
	<i>Free-Standing Discount</i>	0.000	ksf
	<i>Movie Theater</i>	0	Seats
	Office	General Office	282.005
<i>Medical Office</i>		0.000	ksf
<i>Industrial</i>	<i>Light Industrial</i>	0.000	ksf
	<i>Manufacturing</i>	0.000	ksf
	<i>Warehousing/Self-Storage</i>	0.000	ksf
<i>School</i>	<i>University</i>	0	Students
	<i>High School</i>	0	Students
	<i>Middle School</i>	0	Students
	<i>Elementary</i>	0	Students
	<i>Private School (K-12)</i>	0	Students
<i>Other</i>		0	Trips

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 3 - Historic Preservation / Reduced D

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 3 - Historic Preservation / Reduced D

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

Analysis Results			
Total Employees: 1,397 Total Population: 2,364			
Proposed Project		With Mitigation	
8,781	Daily Vehicle Trips	8,781	Daily Vehicle Trips
57,537	Daily VMT	57,537	Daily VMT
3.6	Household VMT per Capita	3.6	Household VMT per Capita
6.4	Work VMT per Employee	6.4	Work VMT per Employee
Significant VMT Impact?			
APC: Central			
Impact Threshold: 15% Below APC Average Household = 6.0 Work = 7.6			
Proposed Project		With Mitigation	
VMT Threshold	Impact	VMT Threshold	Impact
Household > 6.0	No	Household > 6.0	No
Work > 7.6	No	Work > 7.6	No

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 3 - Historic Preservation / Reduced C

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs				
Strategy Type	Description	Proposed Project	Mitigations	
Parking	Reduce parking supply	City code parking provision (spaces)	2911	2911
		Actual parking provision (spaces)	990	990
	Unbundle parking	Monthly cost for parking (\$)	\$0	\$0
	Parking cash-out	Employees eligible (%)	50%	50%
	Price workplace parking	Daily parking charge (\$)	\$0.00	\$0.00
		Employees subject to priced parking (%)	0%	0%
	Residential area parking permits	Cost of annual permit (\$)	\$0	\$0
(cont. on following page)				

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 3 - Historic Preservation / Reduced C

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs, Cont.			
Strategy Type	Description	Proposed Project	Mitigations
Transit	Reduce transit headways	Reduction in headways (increase in frequency) (%)	0%
		Existing transit mode share (as a percent of total daily trips) (%)	0%
		Lines within project site improved (<50%, >=50%)	0
	Implement neighborhood shuttle	Degree of implementation (low, medium, high)	0
		Employees and residents eligible (%)	0%
	Transit subsidies	Employees and residents eligible (%)	0%
Amount of transit subsidy per passenger (daily equivalent) (\$)		\$0.00	\$0.00
Education & Encouragement	Voluntary travel behavior change program	Employees and residents participating (%)	0%
	Promotions and marketing	Employees and residents participating (%)	0%
(cont. on following page)			

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 3 - Historic Preservation / Reduced C

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs, Cont.				
Strategy Type		Description	Proposed Project	Mitigations
Commuter Trip Reductions	<i>Required commute trip reduction program</i>	<i>Employees participating (%)</i>	0%	0%
	<i>Alternative Work Schedules and Telecommute</i>	<i>Employees participating (%)</i>	0%	0%
		<i>Type of program</i>	0	0
	<i>Employer sponsored vanpool or shuttle</i>	<i>Degree of implementation (low, medium, high)</i>	0	0
		<i>Employees eligible (%)</i>	0%	0%
		<i>Employer size (small, medium, large)</i>	0	0
	<i>Ride-share program</i>	<i>Employees eligible (%)</i>	0%	0%
Shared Mobility	<i>Car share</i>	<i>Car share project setting (Urban, Suburban, All Other)</i>	0	0
	Bike share	Within 600 feet of existing bike share station - OR- implementing new bike share station (Yes/No)	Yes	Yes
	<i>School carpool program</i>	<i>Level of implementation (Low, Medium, High)</i>	0	0
(cont. on following page)				

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 3 - Historic Preservation / Reduced C

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs, Cont.				
Strategy Type	Description	Proposed Project	Mitigations	
Bicycle Infrastructure	<i>Implement/Improve on-street bicycle facility</i>	<i>Provide bicycle facility along site (Yes/No)</i>	0	0
	Include Bike parking per LAMC	Meets City Bike Parking Code (Yes/No)	Yes	Yes
	<i>Include secure bike parking and showers</i>	<i>Includes indoor bike parking/lockers, showers, & repair station (Yes/No)</i>	0	0
Neighborhood Enhancement	<i>Traffic calming improvements</i>	<i>Streets with traffic calming improvements (%)</i>	0%	0%
		<i>Intersections with traffic calming improvements (%)</i>	0%	0%
	<i>Pedestrian network improvements</i>	<i>Included (within project and connecting off-site/within project only)</i>	0	0

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 3 - Historic Preservation / Reduced Density

Project Address: 400 S CENTRAL AVE, 90013



TDM Adjustments by Trip Purpose & Strategy

Place type: Urban

Source	Production		Attraction		Production		Attraction		Production		Attraction		Production		Attraction		
	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
TDM Strategy Appendix, Parking sections 1 - 5	Reduce parking supply	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	
	Unbundle parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Parking cash-out	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	0%	0%	0%	0%	
	Parking workplace	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Residential area parking	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%
Transit	Reduce transit	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	headways	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Implement neighborhood shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Education & Encouragement	Voluntary travel	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	behavior change program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Promotions and marketing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Commute Trip Reductions	Required commute trip reduction program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Alternative Work Schedules and Telecommute Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Employer sponsored vanpool or shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Ride-share program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Shared Mobility	School carpool program	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Bike share	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	
	Car-share	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
TDM Strategy Appendix, Shared Mobility sections 1 - 3	TDM Strategy Appendix, Commute Trip Reductions sections 1 - 4	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Encouragement & Education Appendix, sections 1 - 2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	TDM Strategy Appendix, Transit sections 1 - 3	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Encouragement & Education Appendix, sections 1 - 2	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CITY OF LOS ANGELES VMT CALCULATOR

Report 3: TDM Outputs

Date: May 8, 2023
 Project Name: 4th & Central
 Project Scenario: Alt 3 - Historic Preservation / Reduced Density
 Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Adjustments by Trip Purpose & Strategy, Cont.

Place type: Urban

		Home Based Work Production		Home Based Work Attraction		Home Based Other Production		Home Based Other Attraction		Non-Home Based Other Production		Non-Home Based Other Attraction		Source
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
		Bicycle Infrastructure	Implement/ Improve on-street bicycle facility	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Include Bike parking per LAMC	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	
	Include secure bike parking and showers	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Neighborhood Enhancement	Traffic calming improvements	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	TDM Strategy Appendix, Neighborhood Enhancement
	Pedestrian network improvements	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Final Combined & Maximum TDM Effect

	Home Based Work Production		Home Based Work Attraction		Home Based Other Production		Home Based Other Attraction		Non-Home Based Other Production		Non-Home Based Other Attraction	
	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated
	COMBINED TOTAL	13%	13%	17%	17%	13%	13%	13%	13%	13%	13%	13%
MAX. TDM EFFECT	13%	13%	17%	17%	13%	13%	13%	13%	13%	13%	13%	13%

$$= \text{Minimum}(X\%, 1 - [(1-A) * (1-B) \dots])$$

where X%=

PLACE	urban	75%
TYPE	compact infill	40%
MAX:	suburban center	20%
	suburban	15%

Note: $(1 - [(1-A) * (1-B) \dots])$ reflects the dampened combined effectiveness of TDM Strategies (e.g., A, B, ...). See the TDM Strategy Appendix (*Transportation Assessment Guidelines Attachment G*) for further discussion of dampening.

CITY OF LOS ANGELES VMT CALCULATOR

Report 4: MXD Methodology

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 3 - Historic Preservation / Reduced C

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

MXD Methodology - Project Without TDM

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	940	-33.6%	624	6.8	6,392	4,243
Home Based Other Production	2,604	-52.6%	1,234	4.5	11,718	5,553
Non-Home Based Other Production	2,832	-6.0%	2,662	7.4	20,957	19,699
Home-Based Work Attraction	1,908	-32.6%	1,286	8.3	15,836	10,674
Home-Based Other Attraction	4,850	-46.8%	2,581	5.8	28,130	14,970
Non-Home Based Other Attraction	1,911	-6.5%	1,786	6.5	12,422	11,609

MXD Methodology with TDM Measures

	<i>Proposed Project</i>			<i>Project with Mitigation Measures</i>		
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT
Home Based Work Production	-13.3%	541	3,680	-13.3%	541	3,680
Home Based Other Production	-13.3%	1,070	4,816	-13.3%	1,070	4,816
Non-Home Based Other Production	-13.3%	2,309	17,086	-13.3%	2,309	17,086
Home-Based Work Attraction	-16.6%	1,073	8,902	-16.6%	1,073	8,902
Home-Based Other Attraction	-13.3%	2,239	12,984	-13.3%	2,239	12,984
Non-Home Based Other Attraction	-13.3%	1,549	10,069	-13.3%	1,549	10,069

MXD VMT Methodology Per Capita & Per Employee

Total Population: 2,364

Total Employees: 1,397

APC: Central

	<i>Proposed Project</i>	<i>Project with Mitigation Measures</i>
<i>Total Home Based Production VMT</i>	8,496	8,496
<i>Total Home Based Work Attraction VMT</i>	8,902	8,902
<i>Total Home Based VMT Per Capita</i>	3.6	3.6
<i>Total Work Based VMT Per Employee</i>	6.4	6.4

CITY OF LOS ANGELES VMT CALCULATOR Version 1.3



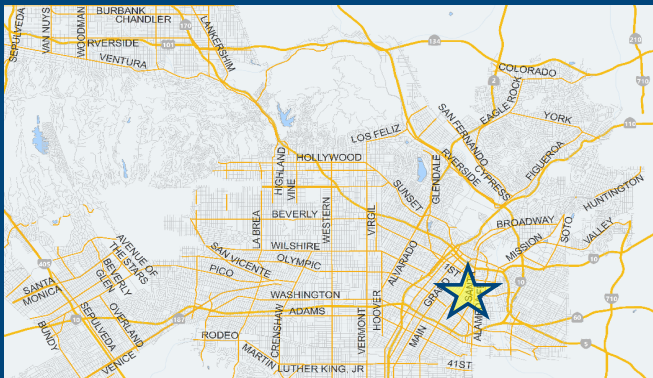
Project Screening Criteria: Is this project required to conduct a vehicle miles traveled analysis?

Project Information

Project:

Scenario:

Address:



If the project is replacing an existing number of residential units with a smaller number of residential units, is the proposed project located within one-half mile of a fixed-rail or fixed-

Yes No

Existing Land Use

Land Use Type	Value	Unit
Industrial Warehousing/Self-Storage	360.734	ksf
Industrial Warehousing/Self-Storage	360.734	

Click here to add a single custom land use type (will be included in the above list)

Proposed Project Land Use

Land Use Type	Value	Unit
Retail General Retail	29.072	ksf
Office General Office	1159.267	

Click here to add a single custom land use type (will be included in the above list)

Project Screening Summary

Existing Land Use	Proposed
659 Daily Vehicle Trips	6,009 Daily Vehicle Trips
4,518 Daily VMT	44,734 Daily VMT
Tier 1 Screening Criteria	
Project will have less residential units compared to existing residential units & is within one-half mile of a fixed-rail station. <input type="checkbox"/>	
Tier 2 Screening Criteria	
The net increase in daily trips < 250 trips	5,350 Net Daily Trips
The net increase in daily VMT ≤ 0	40,216 Net Daily VMT
The proposed project consists of only retail land uses ≤ 50,000 square feet total.	0.000 ksf
The proposed project is required to perform VMT analysis.	



CITY OF LOS ANGELES VMT CALCULATOR Version 1.3

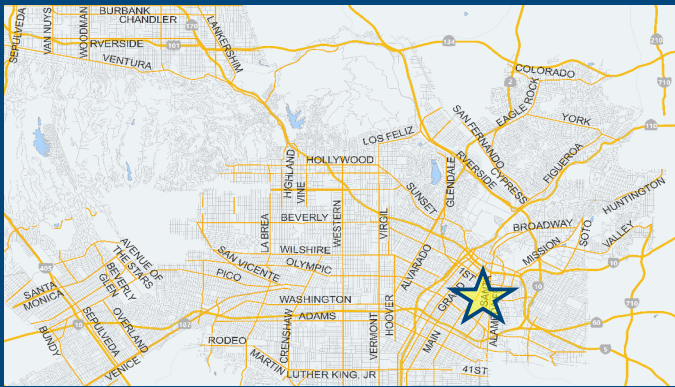


Project Information

Project:

Scenario:

Address:



Proposed Project Land Use Type	Value	Unit
Office General Office	1159.267	ksf

TDM Strategies

Select each section to show individual strategies
 Use to denote if the TDM strategy is part of the proposed project or is a mitigation strategy

Max Home Based TDM Achieved? Proposed Project: No, With Mitigation: No
 Max Work Based TDM Achieved? Proposed Project: No, With Mitigation: No

A Parking

Proposed Prj Mitigation

Reduce Parking Supply city code parking provision for the project site
 actual parking provision for the project site

Unbundle Parking monthly parking cost (dollar) for the project site
 Proposed Prj Mitigation

Parking Cash-Out percent of employees eligible
 Proposed Prj Mitigation

Price Workplace Parking daily parking charge (dollar)
 percent of employees subject to priced parking
 Proposed Prj Mitigation

Residential Area Parking Permits cost (dollar) of annual permit
 Proposed Prj Mitigation

- B Transit
- C Education & Encouragement
- D Commute Trip Reductions
- E Shared Mobility
- F Bicycle Infrastructure
- G Neighborhood Enhancement

Analysis Results

Proposed Project	With
5,109 Daily Vehicle Trips	5,109 Daily Vehicle Trips
37,943 Daily VMT	37,943 Daily VMT
0.0 Household VMT per Capita	0.0 Household VMT
4.6 Work VMT per Employee	4.6 Work VMT per Employee
Significant VMT Impact?	
Household: No Threshold = 6.0 15% Below APC	Household: No Threshold = 6.0 15% Below APC
Work: No Threshold = 7.6 15% Below APC	Work: No Threshold = 7.6 15% Below APC



CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 4 - Historic Preservation / Existing Zo

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

Project Information			
Land Use Type		Value	Units
Housing	Single Family	0	DU
	Multi Family	0	DU
	Townhouse	0	DU
	Hotel	0	Rooms
	Motel	0	Rooms
Affordable Housing	Family	0	DU
	Senior	0	DU
	Special Needs	0	DU
	Permanent Supportive	0	DU
Retail	General Retail	0.000	ksf
	Furniture Store	0.000	ksf
	Pharmacy/Drugstore	0.000	ksf
	Supermarket	0.000	ksf
	Bank	0.000	ksf
	Health Club	0.000	ksf
	High-Turnover Sit-Down Restaurant	0.000	ksf
	Fast-Food Restaurant	0.000	ksf
	Quality Restaurant	0.000	ksf
	Auto Repair	0.000	ksf
	Home Improvement	0.000	ksf
	Free-Standing Discount	0.000	ksf
	Movie Theater	0	Seats
	Office	General Office	1,159.267
Medical Office		0.000	ksf
Industrial	Light Industrial	0.000	ksf
	Manufacturing	0.000	ksf
	Warehousing/Self-Storage	0.000	ksf
School	University	0	Students
	High School	0	Students
	Middle School	0	Students
	Elementary	0	Students
	Private School (K-12)	0	Students
Other		0	Trips

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 4 - Historic Preservation / Existing Zo

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 4 - Historic Preservation / Existing Zo

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

Analysis Results			
Total Employees: 4,637 Total Population: 0			
Proposed Project		With Mitigation	
5,109 37,943	Daily Vehicle Trips Daily VMT	5,109 37,943	Daily Vehicle Trips Daily VMT
0 4.6	Household VMT per Capita Work VMT per Employee	0 4.6	Household VMT per Capita Work VMT per Employee
Significant VMT Impact?			
APC: Central			
Impact Threshold: 15% Below APC Average Household = 6.0 Work = 7.6			
Proposed Project		With Mitigation	
VMT Threshold	Impact	VMT Threshold	Impact
Household > 6.0 Work > 7.6	No No	Household > 6.0 Work > 7.6	No No

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 4 - Historic Preservation / Existing Zc

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs				
Strategy Type	Description	Proposed Project	Mitigations	
Parking	Reduce parking supply	City code parking provision (spaces)	2319	2319
		Actual parking provision (spaces)	928	928
	Unbundle parking	Monthly cost for parking (\$)	\$0	\$0
	Parking cash-out	Employees eligible (%)	50%	50%
	Price workplace parking	Daily parking charge (\$)	\$0.00	\$0.00
		Employees subject to priced parking (%)	0%	0%
	Residential area parking permits	Cost of annual permit (\$)	\$0	\$0
(cont. on following page)				

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 4 - Historic Preservation / Existing Zc

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs, Cont.			
Strategy Type	Description	Proposed Project	Mitigations
Transit	Reduce transit headways	Reduction in headways (increase in frequency) (%)	0%
		Existing transit mode share (as a percent of total daily trips) (%)	0%
		Lines within project site improved (<50%, >=50%)	0
	Implement neighborhood shuttle	Degree of implementation (low, medium, high)	0
		Employees and residents eligible (%)	0%
	Transit subsidies	Employees and residents eligible (%)	0%
Amount of transit subsidy per passenger (daily equivalent) (\$)		\$0.00	
Education & Encouragement	Voluntary travel behavior change program	Employees and residents participating (%)	0%
	Promotions and marketing	Employees and residents participating (%)	0%
(cont. on following page)			

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 4 - Historic Preservation / Existing Zc

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs, Cont.				
Strategy Type	Description	Proposed Project	Mitigations	
Commuter Trip Reductions	<i>Required commute trip reduction program</i>	<i>Employees participating (%)</i>	0%	0%
	<i>Alternative Work Schedules and Telecommute</i>	<i>Employees participating (%)</i>	0%	0%
		<i>Type of program</i>	0	0
	<i>Employer sponsored vanpool or shuttle</i>	<i>Degree of implementation (low, medium, high)</i>	0	0
		<i>Employees eligible (%)</i>	0%	0%
		<i>Employer size (small, medium, large)</i>	0	0
	<i>Ride-share program</i>	<i>Employees eligible (%)</i>	0%	0%
Shared Mobility	<i>Car share</i>	<i>Car share project setting (Urban, Suburban, All Other)</i>	0	0
	Bike share	Within 600 feet of existing bike share station - OR- implementing new bike share station (Yes/No)	Yes	Yes
	<i>School carpool program</i>	<i>Level of implementation (Low, Medium, High)</i>	0	0
(cont. on following page)				

CITY OF LOS ANGELES VMT CALCULATOR

Report 2: TDM Inputs

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 4 - Historic Preservation / Existing Zc

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Strategy Inputs, Cont.				
Strategy Type	Description	Proposed Project	Mitigations	
Bicycle Infrastructure	<i>Implement/Improve on-street bicycle facility</i>	<i>Provide bicycle facility along site (Yes/No)</i>	0	0
	Include Bike parking per LAMC	Meets City Bike Parking Code (Yes/No)	Yes	Yes
	<i>Include secure bike parking and showers</i>	<i>Includes indoor bike parking/lockers, showers, & repair station (Yes/No)</i>	0	0
Neighborhood Enhancement	<i>Traffic calming improvements</i>	<i>Streets with traffic calming improvements (%)</i>	0%	0%
		<i>Intersections with traffic calming improvements (%)</i>	0%	0%
	<i>Pedestrian network improvements</i>	<i>Included (within project and connecting off-site/within project only)</i>	0	0



TDM Adjustments by Trip Purpose & Strategy

Place type: Urban															
Source															
Home Based Work				Home Based Other				Home Based Other				Non-Home Based Other			
Production		Attraction		Production		Attraction		Production		Attraction		Production		Attraction	
Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated
Parking															
Reduce parking supply	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%	13%
Unbundle parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Parking cash-out	0%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Price workplace parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Residential area parking	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%
Transit															
Reduce transit	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
headways	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Implement neighborhood shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Transit subsidies	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Education & Encouragement															
Required commute trip reduction program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Alternative Work Schedules and Telecommute Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Employer sponsored vanpool or shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Ride-share program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Commute Trip Reductions															
School carpool program	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Bike share	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
Car-share	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Shared Mobility															
Parking															
Transit															
Education & Encouragement															
Commute Trip Reductions															
Shared Mobility															
Mobility sections 1 - 3															
Mobility sections 1 - 4															
Mobility sections 1 - 5															

CITY OF LOS ANGELES VMT CALCULATOR

Report 3: TDM Outputs

Date: May 8, 2023
 Project Name: 4th & Central
 Project Scenario: Alt 4 - Historic Preservation / Existing Zoning
 Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

TDM Adjustments by Trip Purpose & Strategy, Cont.

Place type: Urban

		Home Based Work Production		Home Based Work Attraction		Home Based Other Production		Home Based Other Attraction		Non-Home Based Other Production		Non-Home Based Other Attraction		Source
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
		Bicycle Infrastructure	Implement/ Improve on-street bicycle facility	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Include Bike parking per LAMC	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	
	Include secure bike parking and showers	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
Neighborhood Enhancement	Traffic calming improvements	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	TDM Strategy Appendix, Neighborhood Enhancement
	Pedestrian network improvements	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Final Combined & Maximum TDM Effect

	Home Based Work Production		Home Based Work Attraction		Home Based Other Production		Home Based Other Attraction		Non-Home Based Other Production		Non-Home Based Other Attraction	
	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated
	COMBINED TOTAL	13%	13%	17%	17%	13%	13%	13%	13%	13%	13%	13%
MAX. TDM EFFECT	13%	13%	17%	17%	13%	13%	13%	13%	13%	13%	13%	13%

$$= \text{Minimum}(X\%, 1 - [(1-A) * (1-B) \dots])$$

where X%=

PLACE	urban	75%
TYPE	compact infill	40%
MAX:	suburban center	20%
	suburban	15%

Note: $(1 - [(1-A) * (1-B) \dots])$ reflects the dampened combined effectiveness of TDM Strategies (e.g., A, B, ...). See the TDM Strategy Appendix (*Transportation Assessment Guidelines Attachment G*) for further discussion of dampening.

CITY OF LOS ANGELES VMT CALCULATOR

Report 4: MXD Methodology

Date: May 8, 2023

Project Name: 4th & Central

Project Scenario: Alt 4 - Historic Preservation / Existing Zc

Project Address: 400 S CENTRAL AVE, 90013



Version 1.3

MXD Methodology - Project Without TDM

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	0	0.0%	0	6.8	0	0
Home Based Other Production	0	0.0%	0	4.5	0	0
Non-Home Based Other Production	1,002	-6.7%	935	7.4	7,415	6,919
Home-Based Work Attraction	4,445	-30.4%	3,092	8.3	36,894	25,664
Home-Based Other Attraction	2,004	-47.8%	1,047	5.8	11,623	6,073
Non-Home Based Other Attraction	1,002	-6.7%	935	6.5	6,513	6,078

MXD Methodology with TDM Measures

	<i>Proposed Project</i>			<i>Project with Mitigation Measures</i>		
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT
Home Based Work Production	-13.3%	0	0	-13.3%	0	0
Home Based Other Production	-13.3%	0	0	-13.3%	0	0
Non-Home Based Other Production	-13.3%	811	6,001	-13.3%	811	6,001
Home-Based Work Attraction	-16.6%	2,579	21,403	-16.6%	2,579	21,403
Home-Based Other Attraction	-13.3%	908	5,267	-13.3%	908	5,267
Non-Home Based Other Attraction	-13.3%	811	5,272	-13.3%	811	5,272

MXD VMT Methodology Per Capita & Per Employee

Total Population: 0

Total Employees: 4,637

APC: Central

	<i>Proposed Project</i>	<i>Project with Mitigation Measures</i>
<i>Total Home Based Production VMT</i>	0	0
<i>Total Home Based Work Attraction VMT</i>	21,403	21,403
<i>Total Home Based VMT Per Capita</i>	0.0	0.0
<i>Total Work Based VMT Per Employee</i>	4.6	4.6