Appendix Q

Alternatives Traffic Analysis

Alternative 2

CITY OF LOS ANGELES VMT CALCULATOR Version 1.2



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

Existing Land Use

Proposed Project Land Use

Unit

DU

Unit

ksf

ksf

ksf

DU

Value

Value

14.253

128.169

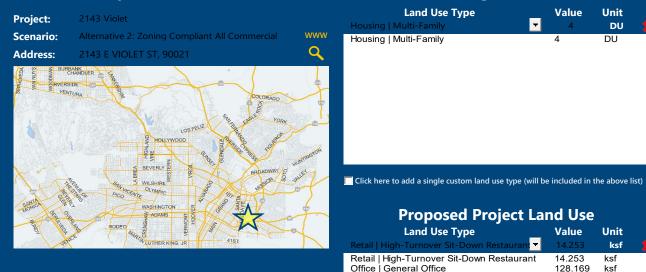
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Land Use Type

Project Information



If the proj of residentia residential u located with fixed-guidev

ject is replacing an existing number	Th	ne net incre
al units with a smaller number of units, is the proposed project nin one-half mile of a fixed-rail or		ne propose nd uses ≤ 5
way transit station?	т	he propo
• Yes • No		
Circk-here to add a single custom fand use type (will be included in the above list)		

Land Use Type

Project Screening Summary

Existing Land Use	Propos Projec				
19 Daily Vehicle Trips	2,63 Daily Vehicle				
113 Daily VMT	19,45 Daily VN				
Tier 1 Scree	ning Criteria				
Project will have less residential units compared to existing residential units & is within one-half in the mile of a fixed-rail station.					
Tier 2 Scree	ning Criteria				
The net increase in daily tri	ps < 250 trips	2,613 Net Daily Trips			
The net increase in daily VM	/IT ≤ 0	19,345 Net Daily VMT			
The proposed project consi land uses ≤ 50,000 square f		14.253 ksf			
The proposed project i VMT ar		perform			



CITY OF LOS ANGELES VMT CALCULATOR Version 1.2



Project Information





Proposed Project Land Use Type	Value	Unit
Retail High-Turnover Sit-Down Restaurant	14.253	ksf
Office General Office	128.169	ksf

Max Home Based TDM Max Work Based TDM /		Proposed Project No No	With Mitigation No Yes
A	Parki	ng	
Reduce Parking Supply	100 city code	e parking provision for	the project site
Proposed Prj 🔲 Mitigation	74 actual pa	arking provision for the	e project site
Unbundle Parking Proposed Prj Mitigation	175 monthly site	parking cost (dollar) fo	or the project
Parking Cash-Out	50 percent	of employees eligible	
Price Workplace Parking		ly parking charge (dolla of employees subject to	
Residential Area Parking Permits Proposed Prj Mitigation	200 _ cos	t (dollar) of annual per	mit
B	Trans	it	
	cation & End	ouragement	
D Co	ommute Trip	Reductions	
•	Shared M	obility	
F	Bicycle Infra	structure	
G Neid	ahborhood E	nhancement	

TDM Strategies

Select each section to show individual strategies

Analysis Results

Proposed Project	With Mitigation
2,548	2,426
Daily Vehicle Trips	Daily Vehicle Trips
18,831	17,848
Daily VMT	Daily VMT
0.0	0.0
Houseshold VMT	Houseshold VMT
per Capita	per Capita
9.3	7.7
Work VMT per Employee	Work VMT per Employee
Significant	VMT Impact?
Household: No	Household: No
Threshold = 6.0	Threshold = 6.0
15% Below APC	15% Below APC
Work: Yes	Work: Yes
Threshold = 7.6	Threshold = 7.6
15% Below APC	15% Below APC



Report 1: Project & Analysis Overview

Project Name: 2143 Violet Project Scenario: Alternative 2: Zoning Compliant All Com Project Address: 2143 E VIOLET ST, 90021

Date: November 25, 2019



	Project Informa	ation		
Land	l Use Type	Value	Units	
	Single Family	0	DU	
	Multi Family	0	DU	
Housing	Townhouse	0	DU	
	Hotel	0	Rooms	
	Motel	0	Rooms	
	Family	0	DU	
Affordable Housing	Senior	0	DU	
ffordable Housing	Special Needs	0	DU	
	Permanent Supportive	0	DU	
	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	
Retail	High-Turnover Sit-Down Restaurant	14.253	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	
	General Office	128.169	ksf	
Office	Medical Office	0.000	ksf	
	Light Industrial	0.000	ksf	
Industrial	Manufacturing	0.000	ksf	
	Warehousing/Self-Storage	0.000	ksf	
	University	0	Students	
	High School	0	Students	
School	Middle School	0	Students	
	Elementary	0	Students	
	Private School (K-12)	0	Students	
Other		0	Trips	

Project and Analysis Overview

Report 1: Project & Analysis Overview

Project Name: 2143 Violet Project Scenario: Alternative 2: Zoning Compliant All Com Project Address: 2143 E VIOLET ST, 90021

Date: November 25, 2019



	Analysis Res	sults	
	Total Employees:	570	
	Total Population:	0	
Propos	ed Project	With M	itigation
2,548	Daily Vehicle Trips	2,426	Daily Vehicle Trips
18,831	Daily VMT	17,848	Daily VMT
0	Household VMT per Capita	0	Household VMT per Capita
9.3	Work VMT per Employee	7.7	Work VMT per Employee
	Significant VMT	Impact?	
	APC: Centr	al	
	Impact Threshold: 15% Belo	ow APC Average	
	Household = 6	5.0	
	Work = 7.6		
	ed Project		itigation
VMT Threshold	Impact	VMT Threshold	Impact
Household > 6.0	No	Household > 6.0	No
Work > 7.6	Yes	Work > 7.6	Yes

Report 2: TDM Inputs

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 2: Zoning Compliant All Con Project Address: 2143 E VIOLET ST, 90021



Str	ategy Type	Description	Proposed Project	Mitigation	
	Reduce parking	City code parking provision (spaces)	0	0	
	supply	Actual parking provision (spaces)	0	0	
	Unbundle parking	Monthly cost for parking (\$)	\$0	<i>\$0</i>	
Parking	Parking cash-out	Employees eligible (%)	0%	50%	
	Price workplace parking	Daily parking charge (\$)	\$0.00	\$6.00 50% <i>\$0</i>	
		Employees subject to priced parking (%)	0%		
	Residential area parking permits	Cost of annual permit (\$)	\$0		
		(cont. on following page	2)		

Report 2: TDM Inputs

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 2: Zoning Compliant All Con Project Address: 2143 E VIOLET ST, 90021



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

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 2: Zoning Compliant All Con Project Address: 2143 E VIOLET ST, 90021



Report 2: TDM Inputs

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TDM Strategy Inputs, Cont.							
Strate	еду Туре	Description	Proposed Project	Mitigations			
	Required commute trip reduction program	Employees participating (%)	0%	100%			
	Alternative Work Schedules and	Employees participating (%)	0%	0%			
	Telecommute	Type of program	0	0			
Commute Trip Reductions		Degree of implementation (low, medium, high)	0	0			
	Employer sponsored vanpool or shuttle	Employees eligible (%)	0%	0%			
		Employer size (small, medium, large)	0	0			
	Ride-share program	Employees eligible (%)	0%	0%			
	Car share	Car share project setting (Urban, Suburban, All Other)	0	Urban + Comprehensive Transit			
Shared Mobility	Bike share	Within 600 feet of existing bike share station - OR- implementing new bike share station (Yes/No)	0	0			
	School carpool program	Level of implementation (Low, Medium, High)	0	0			

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 2: Zoning Compliant All Con Project Address: 2143 E VIOLET ST, 90021



Report 2: TDM Inputs

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

Report 3: TDM Outputs

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 2: Zoning Compliant All Commercial Project Address: 2143 E VIOLET ST, 90021



				TDM	Adjustm	ents by T	rip Purpo	se & Stra	tegy					
						Place type		Center						
			ased Work		ased Work		ised Other		ised Other		Based Other		Based Other	_
		ProductionAttractionProductionAttractionProposedMitigatedProposedMitigatedProposedMitigatedProposedMitigatedProposedMitigatedProposedMitigated							Source					
	Reduce parking supply		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Unbundle parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDMC
Parking	Parking cash-out	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Parki
-	Price workplace parking	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	sections 1 - 5
	Residential area parking permits	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	_
	Reduce transit headways	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	- TDM Strategy
Transit	Implement neighborhood shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	Appendix, Trans sections 1 - 3
	Transit subsidies	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Education &	Voluntary travel behavior change program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Education &
Encouragement	Promotions and marketing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	Encouragemer sections 1 - 2
	Required commute trip reduction program	0%	0%	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	
Commute Trip Reductions	Alternative Work Schedules and Telecommute Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Commute Trip Reductions
	Employer sponsored vanpool or shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	sections 1 - 4
	Ride-share program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Car-share	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	TDM Strategy
Shared Mobility	Bike share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Appendix, Share
	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%	Mobility section 1 - 3

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 2: Zoning Compliant All Commercial Project Address: 2143 E VIOLET ST, 90021



Report 3: TDM Outputs

				TDM Ad	ljustment	ts by Trip	Purpose	& Strateg	y, Cont.					
						Place type	: Suburbar	Center						
			ased Work luction		ased Work action		ased Other luction		ased Other action		Based Other uction		Based Other action	Source
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	-
	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%	0.0%	0.0%	TDM Strategy
Bicycle Infrastructure	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%	Appendix, Bicycl Infrastructure
	Include secure bike parking and showers	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	sections 1 - 3
Neighborhood	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,
Enhancement	Pedestrian network improvements	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	Neighborhood Enhancement sections 1 - 2

				Final Com	nbined &	Maximur	n TDM Ef	fect				
	Home Ba Produ		Home Ba Attra	sed Work oction	Home Bas Produ	sed Other Iction		sed Other oction	Non-Home I Produ	Based Other uction	Non-Home I Attra	
	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated
COMBINED TOTAL	3%	4%	3%	28%	3%	4%	3%	4%	3%	4%	3%	4%
MAX. TDM EFFECT	3%	4%	3%	20%	3%	4%	3%	4%	3%	4%	3%	4%

= Min	= Minimum (X%, 1-[(1-A)*(1-B)]) where X%=		
PLACE	urban	75%	
ТҮРЕ	compact infill	40%	
MAX:	suburban center	20%	
	suburban	15%	

Note: (1-[(1-A)*(1-B)...]) 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.

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 2: Zoning Compliant All Com Project Address: 2143 E VIOLET ST, 90021



Report 4: MXD Methodology

	MXD M	ethodology - Pr	oject Without	TDM		
	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	0	0.0%	0	7.3	0	0
Home Based Other Production	0	0.0%	0	5.3	0	0
Non-Home Based Other Production	570	-11.1%	507	8.1	4,617	4,107
Home-Based Work Attraction	826	-20.3%	658	8.3	6,856	5,461
Home-Based Other Attraction	1,259	-23.7%	960	6.5	8,184	6,240
Non-Home Based Other Attraction	570	-11.1%	507	7.2	4,104	3,650

	MXD	Methodology w	ith TDM Measu	res		
		Proposed Project		Project	with Mitigation M	easures
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT
Home Based Work Production	-3.2%			-3.7%		
Home Based Other Production	-3.2%			-3.7%		
Non-Home Based Other Production	-3.2%	491	3,975	-3.7%	488	3,955
Home-Based Work Attraction	-3.2%	637	5,285	-20.0%	526	4,369
Home-Based Other Attraction	-3.2%	929	6,039	-3.7%	924	6,009
Non-Home Based Other Attraction	-3.2%	491	3,532	-3.7%	488	3,515

	MXD VMT Methodology Per Capita & Per E	mployee
	Total Population:	0
	Total Employees:	570
APC: Central		Central
	Proposed Project	Project with Mitigation Measures
Total Home Based Production VMT	0	0
Total Home Based Work Attraction VMT	5,285	4,369
Total Home Based VMT Per Capita	0.0	0.0
Total Work Based VMT Per Employee	9.3	7.7

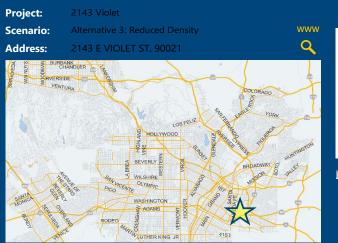
Alternative 3

CITY OF LOS ANGELES VMT CALCULATOR Version 1.2



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

Project Information



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-guideway transit station?

• Yes • No	
------------	--

	Existing Land U	se			
	Land Use Type Housing Multi-Family	Value 4	Unit DU	*	
WWW	Housing Multi-Family	4	DU		
Jan Line of the second	Click here to add a single custom land use type (will b Proposed Project La			ist)	
-0.	Land Use Type	Value	Unit		
	Office General Office	128.169	ksf		
mber of	Housing Multi-Family Retail High-Turnover Sit-Down Restaurant Office General Office	230 16.394 140.53	DU ksf ksf		
or					

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

Project Screening Summary

Existing Land Use	Proposed Project		
19 Daily Vehicle Trips	3,999 Daily Vehicle Trips		
113 Daily VMT	28,088 Daily VMT		
Tier 1 Scree	ning Criteria		
Project will have less reside to existing residential units mile of a fixed-rail station.	· · · · · · · · · · · · · · · · · · ·		
Tier 2 Scree	ning Criteria		
The net increase in daily tri	ps < 250 trips 3,980 Net Daily Trips		
The net increase in daily VI	MT ≤ 0 27,975 Net Daily VMT		

The proposed project consists of only retail16.394land uses \leq 50,000 square feet total.ksf

The proposed project is required to perform VMT analysis.



CITY OF LOS ANGELES VMT CALCULATOR Version 1.2



Project Information





Proposed Project Land Use Type	Value	Unit
Housing Multi-Family Retail High-Turnover Sit-Down Restaurant	230 16 394	DU ksf
Office General Office	140.53	ksf

Max Home Based TDM Achieved? Max Work Based TDM Achieved?	Proposed Project No No	With Mitigation Yes Yes
A Parki		165
Reduce Parking Supply 100 city cod	de parking provision for parking provision for the	
Inbundle Parking Proposed Prj V Mitigation	y parking cost (dollar) fo	or the project
Parking Cash-Out Proposed Prj V Mitigation 50 percent	t of employees eligible	
	aily parking charge (dolla t of employees subject to J	
Residential Area Parking Permits 200 _ co Proposed Prj Mitigation	ost (dollar) of annual per	mit
B Tran	sit	
C Education & En	couragement	
Commute Trip	Reductions	
E Shared N	lobility	
F Bicycle Infra	astructure	
G Neighborhood	Enhancement	

TDM Strategies

Select each section to show individual strategies

Analysis Results

Proposed Project	With Mitigation
3,870	3,595
Daily Vehicle Trips	Daily Vehicle Trips
27,183	25,266
Daily VMT	Daily VMT
9.4	7.7
Houseshold VMT	Houseshold VMT
per Capita	per Capita
9.1	7.5
Work VMT per Employee	Work VMT per Employee
Significant \	/MT Impact?
Household: Yes	Household: Yes
Threshold = 6.0	Threshold = 6.0
15% Below APC	15% Below APC
Work: Yes	Work: No
Threshold = 7.6	Threshold = 7.6
15% Below APC	15% Below APC

Measuring the Miles

Report 1: Project & Analysis Overview

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 3: Reduced Density Project Address: 2143 E VIOLET ST, 90021



	Project Informa	ition		
Land	l Use Type	Value	Units	
	Single Family	0	DU	
	Multi Family	230	DU	
Housing	Townhouse	0	DU	
-	Hotel	0	Rooms	
	Motel	0	Rooms	
	Family	0	DU	
Afferdable Herring	Senior	0	DU	
Affordable Housing	Special Needs	0	DU	
	Permanent Supportive	0	DU	
	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			
Retail	Restaurant	16.394	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	
0#:	General Office	140.530	ksf	
Office	Medical Office	0.000	ksf	
	Light Industrial	0.000	ksf	
Industrial	Manufacturing	0.000	ksf	
	Warehousing/Self-Storage	0.000	ksf	
	University	0	Students	
	High School	0	Students	
School	Middle School	0	Students	
	Elementary	0	Students	
	Private School (K-12)	0	Students	
Other		0	Trips	

Project and Analysis Overview

Report 1: Project & Analysis Overview

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 3: Reduced Density Project Address: 2143 E VIOLET ST, 90021



	Analysis Res	sults		
	Total Employees:	628		
	Total Population:	518		
Propose	ed Project	With M	itigation	
3,870	Daily Vehicle Trips	3,595	Daily Vehicle Trips	
27,183	Daily VMT	25,266	Daily VMT	
9.4	Household VMT per Capita	7.7	Household VMT per Capita	
9.1	Work VMT per Employee	7.5	Work VMT per Employee	
	Significant VMT	Impact?		
	APC: Centr	al		
	Impact Threshold: 15% Belo	ow APC Average		
	Household = 6	5.0		
	Work = 7.6			
	ed Project		itigation	
VMT Threshold	Impact	VMT Threshold	Impact	
Household > 6.0	Yes	Household > 6.0	Yes	
Work > 7.6	Yes	Work > 7.6	No	

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 3: Reduced Density Project Address: 2143 E VIOLET ST, 90021



Report 2: TDM Inputs

		TDM Strategy Inpu			
Stra	tegy Type	Description	Proposed Project	Mitigations	
	Reduce parking	City code parking provision (spaces)	0	0	
	supply	Actual parking provision (spaces)	0	0	
	Unbundle parking	Monthly cost for parking (\$)	\$0	\$175	
Parking	Parking cash-out	Employees eligible (%)	0%	50%	
	Price workplace	Daily parking charge (\$)	\$0.00	\$6.00	
	parking	Employees subject to priced parking (%)	0%	50%	
	Residential area parking permits	Cost of annual permit (\$)	\$0	\$0	
		(cont. on following page	2)		

Report 2: TDM Inputs

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 3: Reduced Density Project Address: 2143 E VIOLET ST, 90021



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

Report 2: TDM Inputs

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Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 3: Reduced Density Project Address: 2143 E VIOLET ST, 90021



Strate	gy Туре	Description	Proposed Project	Mitigations
	Required commute trip reduction program	Employees participating (%)	0%	100%
	Alternative Work Schedules and	Employees participating (%)	0%	0%
	Telecommute	Type of program	0	0
Commute Trip Reductions		Degree of implementation (low, medium, hiqh)	0	0
Reductions	Employer sponsored vanpool or shuttle	Employees eligible (%)	0%	0%
		Employer size (small, medium, large)	0	0
	Ride-share program	Employees eligible (%)	0%	0%
	Car share	Car share project setting (Urban, Suburban, All Other)	0	Urban + Comprehensive Transit
Shared Mobility	Bike share	Within 600 feet of existing bike share station - OR- implementing new bike share station (Yes/No)	0	0
	School carpool program	Level of implementation (Low, Medium, High)	0	0

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 3: Reduced Density Project Address: 2143 E VIOLET ST, 90021



Report 2: TDM Inputs

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

Report 3: TDM Outputs

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 3: Reduced Density Project Address: 2143 E VIOLET ST, 90021



						Place type:	Suburbar	n Center						
		Ноте Во	ased Work	Ноте Ва	ised Work	Home Bo	ised Other	Ноте Ва	ised Other	Non-Home	Based Other	Non-Home	Based Other	
		-	luction		action		uction		action		luction		action	Source
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
	Reduce parking supply	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Unbundle parking	0%	21%	0%	0%	0%	21%	0%	0%	0%	0%	0%	0%	TDM Strategy
Parking	Parking cash-out	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	Appendix, Parking sections
	Price workplace parking	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	1 - 5
	Residential area parking permits	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 headways	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Transit sections 1 - 3
	Implement neighborhood shuttle	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%	
Education &	Voluntary travel behavior change program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Education & Encouragement sections 1 - 2
Encouragement	Promotions and marketing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Required commute trip reduction program	0%	0%	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	
Commute Trip Reductions	Alternative Work Schedules and Telecommute Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strateg Appendix, Commute Tri Reductions
	Employer sponsored vanpool or shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	sections 1 - 4
	Ride-share program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Car-share	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	TDM Strategy
Shared Mobility	Bike share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Appendix, Shar
	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%	Mobility section 1 - 3

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 3: Reduced Density Project Address: 2143 E VIOLET ST, 90021



Report 3: TDM Outputs

	TDM Adjustments by Trip Purpose & Strategy, Cont.													
	Place type: Suburban Center													
			ased Work luction		ased Work action		ised Other uction		nsed Other action		Based Other uction		Based Other action	Source
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed		
	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%	0.0%	0.0%	TDM Strategy
Bicycle Infrastructure	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%	Appendix, Bicycle Infrastructure sections 1 - 3
	Include secure bike parking and showers	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	
Neighborhood	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,
Enhancement	Pedestrian network improvements	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	Neighborhood Enhancement sections 1 - 2

	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	3%	24%	3%	28%	3%	24%	3%	4%	3%	4%	3%	4%	
MAX. TDM EFFECT	3%	20%	3%	20%	3%	20%	3%	4%	3%	4%	3%	4%	

= Min	= Minimum (X%, 1-[(1-A)*(1-B)]) where X%=									
PLACE	urban	75%								
ТҮРЕ	compact infill	40%								
MAX:	suburban center	20%								
	suburban	15%								

Note: (1-[(1-A)*(1-B)...]) 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.

Report 4: MXD Methodology

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 3: Reduced Density Project Address: 2143 E VIOLET ST, 90021



MXD Methodology - Project Without TDM											
Unadjusted Trips MXD Adjustment MXD Trips Average Trip Length Unadjusted VMT MXD VMT											
Home Based Work Production	311	-26.0%	230	7.3	2,270	1,679					
Home Based Other Production	834	-24.6%	629	5.3	4,420	3,334					
Non-Home Based Other Production	647	-10.8%	577	8.1	5,241	4,674					
Home-Based Work Attraction	910	-21.6%	713	8.3	7,553	5,918					
Home-Based Other Attraction	1,581	-24.3%	1,197	6.5	10,277	7,781					
Non-Home Based Other Attraction	731	-10.7%	653	7.2	5,263	4,702					

	MXD Methodology with TDM Measures											
		Proposed Project		Project	with Mitigation M	easures						
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT						
Home Based Work Production	-3.2%	223	1,625	-20.0%	184	1,343						
Home Based Other Production	-3.2%	609	3,227	-20.0%	503	2,667						
Non-Home Based Other Production	-3.2%	558	4,523	-3.7%	556	4,501						
Home-Based Work Attraction	-3.2%	690	5,727	-20.0%	570	4,734						
Home-Based Other Attraction	-3.2%	1,158	7,530	-3.7%	1,153	7,493						
Non-Home Based Other Attraction	-3.2%	632	4,551	-3.7%	629	4,528						

MXD VMT Methodology Per Capita & Per Employee				
	Total Population:	518		
	Total Employees:	628		
APC: Central				
	Proposed Project	Project with Mitigation Measures		
Total Home Based Production VMT	4,852	4,010		
Total Home Based Work Attraction VMT	5,727	4,734		
Total Home Based VMT Per Capita	9.4	7.7		
Total Work Based VMT Per Employee	9.1	7.5		

Alternative 3

CITY OF LOS ANGELES VMT CALCULATOR Version 1.2



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

Project Information



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-guideway transit station?

• Yes	• No
-------	------

	Existing Land			
Land Housing Multi-Far	Use Type nily	Value 4	Unit DU	
Housing Multi-Far	nily	4	DU	
Click here to add a sir	ngle custom land use type (wi	ll be included in	the above	list)
Prop	osed Proiect L	and Use)	
	osed Project L	and Use	Unit	
Land Office General Offi	Use Type	Value 140.53	Unit ksf	•
Land Office General Offi Housing Multi-Far	Use Type ice nily ver Sit-Down Restauran	Value 140.53 245	Unit	•
Land Office General Off Housing Multi-Far Retail High-Turno	Use Type ice nily ver Sit-Down Restauran	Value 140.53 245 18.858	Unit ksf DU ksf	•

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

Project Screening Summary

The net increase in daily VMT ≤ 0 36,597			
Daily Vehicle TripsDaily Vehicle Trips113 $36,710$ Daily VMTDaily VMTTier 1 Screening CriteriaProject will have less residential units compared to existing residential units & is within one-half mile of a fixed-rail station.Tier 2 Screening CriteriaThe net increase in daily trips < 250 trips5,128 Net Daily TripThe net increase in daily trips < 250 trips36,597 Net Daily VMTThe proposed project consists of only retail			
Daily VMT 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. \Box \Box \Box \Box $Tier 2 Screening Criteria The net increase in daily trips < 250 trips 5,128 Net Daily Trip The net increase in daily VMT \le 0 36,597 Net Daily VMT The proposed project consists of only retail 18.858 The proposed project consists of only retail Tertion for the state of the proposed project consists of only retail $			
Project will have less residential units compared to existing residential units & is within one-half mile of a fixed-rail station. Tier 2 Screening Criteria The net increase in daily trips < 250 trips			
to existing residential units & is within one-half mile of a fixed-rail station. Tier 2 Screening Criteria The net increase in daily trips < 250 trips Solution State St	Tier 1 Scree	ning Criteria	
The net increase in daily trips < 250 trips	to existing residential units mile of a fixed-rail station.	& is within one-ł	
The net increase in daily UNPS < 250 UNPS	Tier 2 Scree	ning Criteria	
The proposed project consists of only retail 18.858	The net increase in daily tri	ps < 250 trips	5,128 Net Daily Trips
	The net increase in daily VI	MT ≤ 0	36,597 Net Daily VMT
		· · · · · · · · · · · · · · · · · · ·	

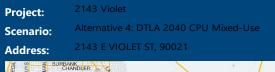
The proposed project is required to perform VMT analysis.



CITY OF LOS ANGELES VMT CALCULATOR Version 1.2



Project Information





Proposed Project Land Use Type	Value	Unit
Housing Multi-Family	245	DU
Retail High-Turnover Sit-Down Restaurant	18.858	ksf
Office General Office	245.452	ksf

Max Home Based TDM Achie	eved?	Proposed Project No	With Mitigation Yes
Max Work Based TDM Achie	ved?	No	Yes
Δ	Parki	ng	
Reduce Parking Supply		e parking provision for	
Proposed Prj Mitigation 74	4 actual p	arking provision for the	e project site
Unbundle Parking Proposed Prj Vitigation	75 monthly site	/ parking cost (dollar) fo	or the project
Parking Cash-Out	50 percent	of employees eligible	
Price Workplace Parking 6.0 Proposed Prj Mitigation	nercent	ily parking charge (doll of employees subject t	
Residential Area Parking Permits 200 Proposed Prj Mitigation) _ co	st (dollar) of annual per	mit
B	Tran	sit	
	on & En	couragement	
	ute Trip	Reductions	
E SI	hared M	obility	
F Bicy	cle Infra	structure	
G Neighbo	orhood I	Inhancement	

TDM Strategies

Select each section to show individual strategies

Analysis Results

4.619
7,015
5 Daily Vehicle Trips
32,926
Daily VMT
7.6
Houseshold VMT per Capita
7.3
Work VMT
per Employee
ant VMT Impact?
Yes Household: Yes
Threshold = 6.0
15% Below APC
s Work: No
Threshold = 7.6 15% Below APC

Measuring the Miles

Report 1: Project & Analysis Overview

Project Name: 2143 Violet Project Scenario: Alternative 4: DTLA 2040 CPU Mixed-Us Project Address: 2143 E VIOLET ST, 90021

Date: November 25, 2019



	Project Informa	ition	
Land	l Use Type	Value	Units
	Single Family	0	DU
	Multi Family	245	DU
Housing	Townhouse	0	DU
	Hotel	0	Rooms
	Motel	0	Rooms
	Family	0	DU
Affordable Housing	Senior	Value 0 245 0 0 0 0 0 0	DU
Affordable Housing	Special Needs	0	DU
	Permanent Supportive	Value 0 245 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	DU
	General Retail	0.000	ksf
	Furniture Store	0.000	ksf
	Pharmacy/Drugstore	0.000	ksf
	Supermarket	0 245 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.000 0	ksf
	Bank		ksf
	Health Club		ksf
Detail	High-Turnover Sit-Down	40.050	1.0
Retail	Restaurant	18.858	ksf
	Fast-Food Restaurant	0.000	ksf
	Quality Restaurant	0.000	ksf
	Auto Repair	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ksf
	Home Improvement	0.000	ksf
	Free-Standing Discount	0.000	ksf
	Movie Theater	0	Seats
Office	General Office	245.452	ksf
Unice	Medical Office	0.000	ksf
	Light Industrial	0.000	ksf
Industrial	Manufacturing	0 245 0 0 0 0 0 0 0 0 0 0 0 0 0	ksf
	Warehousing/Self-Storage	0.000	ksf
	University	0	Students
	High School	0	Students
School	Middle School	0	Students
	Elementary	Value 0 245 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0 0 0 0 0 0 0 0 0 0 0	Students
	Private School (K-12)	0	Students
Other		0	Trips

Project and Analysis Overview

Report 1: Project & Analysis Overview

Project Name: 2143 Violet Project Scenario: Alternative 4: DTLA 2040 CPU Mixed-Use Project Address: 2143 E VIOLET ST, 90021

Date: November 25, 2019



	Analysis Res	sults	
	Total Employees:	1,057	
	Total Population:	552	
Propos	Proposed Project		itigation
4,980	Daily Vehicle Trips	4,619	Daily Vehicle Trips
35,527	Daily VMT	32,926	Daily VMT
9.2	Household VMT per Capita	7.6	Household VMT per Capita
8.8	Work VMT per Employee	7.3	Work VMT per Employee
	Significant VMT	Impact?	
	APC: Centr	al	
	Impact Threshold: 15% Belo	ow APC Average	
	Household = 6	5.0	
	Work = 7.6		
Propos	ed Project	With M	itigation
VMT Threshold	Impact	VMT Threshold	Impact
Household > 6.0	Yes	Household > 6.0	Yes
Work > 7.6	Yes	Work > 7.6	No

Project and Analysis Overview 2 of 9

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 4: DTLA 2040 CPU Mixed-U: Project Address: 2143 E VIOLET ST, 90021



Report 2: TDM Inputs

Reduce parking supplyCity code parking provision (spaces)0Actual parking provision (spaces)0Unbundle parkingMonthly cost for parking (\$)\$0Parking cash-outEmployees eligible (%)0%Price workplace parkingDaily parking charge (\$)\$0.00Price workplace parkingEmployees subject to priced parking (%)0%Residential area parking permitsCost of annual permit (\$)\$0			Description	tegy Type	0010
provision (spaces) 0 Unbundle parking Monthly cost for parking (\$) \$0 Parking cash-out Employees eligible (%) 0% Price workplace parking Daily parking charge (\$) \$0.00 Price workplace parking Employees subject to priced parking (%) 0% Residential area Cost of annual \$0	0	0		Reduce parking	
Parking parking (\$) \$0 Parking cash-out Employees eligible (%) 0% Price workplace parking Daily parking charge (\$) \$0.00 Residential area Cost of annual \$0	0	0		supply	
Parking Parking cash-out Employees eligible (%) 0% Price workplace parking Daily parking charge (\$) \$0.00 Residential area Cost of annual \$0	\$175	\$0		Unbundle parking	
Price workplace parkingDaily parking charge (\$)\$0.00Employees subject to priced parking (%)0%Residential areaCost of annual\$0	50%	0%	Employees eligible	Parking cash-out	Parking
parking Employees subject to priced parking (%) 0% Residential area Cost of annual \$0	\$6.00	\$0.00	Daily parking charge	Drive unadada en	0
	50%	0%	Employees subject to		
	\$0	\$0			
(cont. on following page))	(cont. on following page		

Report 2: TDM Inputs

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 4: DTLA 2040 CPU Mixed-U: Project Address: 2143 E VIOLET ST, 90021



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

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 4: DTLA 2040 CPU Mixed-Us Project Address: 2143 E VIOLET ST, 90021



Report 2: TDM Inputs

Strate	еду Туре	Description	Proposed Project	Mitigations
	Required commute trip reduction program	Employees participating (%)	0%	100%
	Alternative Work Schedules and	Employees participating (%)	0%	0%
	Telecommute	Type of program	0	0
Commute Trip Reductions		Degree of implementation (low, medium, high)	0	0
	Employer sponsored vanpool or shuttle	Employees eligible (%)	0%	0%
		Employer size (small, medium, large)	0	0
	Ride-share program	Employees eligible (%)	0%	0%
Shared Mobility	Car share	Car share project setting (Urban, Suburban, All Other)	0	Urban + Comprehensive Transit
	Bike share	Within 600 feet of existing bike share station - OR- implementing new bike share station (Yes/No)	0	0
	School carpool program	Level of implementation (Low, Medium, High)	0	0

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 4: DTLA 2040 CPU Mixed-Us Project Address: 2143 E VIOLET ST, 90021



Report 2: TDM Inputs

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

Report 3: TDM Outputs

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 4: DTLA 2040 CPU Mixed-Use Project Address: 2143 E VIOLET ST, 90021



				TDM	Adjustm	ents by T	rip Purpo	se & Stra	tegy					
		Place type: Suburban Center Home Based Work Home Based Other Home Based Other Non-Home Based Other </th <th>Source</th>									Source			
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
	Reduce parking supply	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Unbundle parking	0%	21%	0%	0%	0%	21%	0%	0%	0%	0%	0%	0%	TDM Strategy
Parking	Parking cash-out	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	Appendix, Parkin sections
	Price workplace parking	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	1 - 5
	Residential area parking permits	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Reduce transit headways	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy
Transit	Implement neighborhood shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	Appendix, Transit sections 1 - 3
	Transit subsidies	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Education &	Voluntary travel behavior change program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Education &
Encouragement	Promotions and marketing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	Encouragement sections 1 - 2
	Required commute trip reduction program	0%	0%	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Commute Trip Reductions sections 1 - 4
Commute Trip Reductions	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%	
	Car-share	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	0.0%	0.5%	TDM Strategy
Shared Mobility	Bike share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Appendix, Shared
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%	Mobility sections 1 - 3

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 4: DTLA 2040 CPU Mixed-Use Project Address: 2143 E VIOLET ST, 90021



Report 3: TDM Outputs

	TDM Adjustments by Trip Purpose & Strategy, Cont.															
						Place type:	Suburban	Center								
			Home Based Work 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	-		
	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%	0.0%	0.0%	TDM Strategy		
Bicycle Infrastructure	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%	Appendix, Bicycle Infrastructure		
	Include secure bike parking and showers	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	sections 1 - 3		
Neighborhood	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,		
Enhancement	Pedestrian network improvements	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	Neighborhood Enhancement sections 1 - 2		

	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	3%	24%	3%	28%	3%	24%	3%	4%	3%	4%	3%	4%
MAX. TDM EFFECT	3%	20%	3%	20%	3%	20%	3%	4%	3%	4%	3%	4%

= Min	= Minimum (X%, 1-[(1-A)*(1-B)]) where X%=						
PLACE	urban	75%					
ТҮРЕ	compact infill	40%					
MAX:	suburban center	20%					
	suburban	15%					

Note: (1-[(1-A)*(1-B)...]) 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.

Date: November 25, 2019 Project Name: 2143 Violet Project Scenario: Alternative 4: DTLA 2040 CPU Mixed-Us Project Address: 2143 E VIOLET ST, 90021



Report 4: MXD Methodology

MXD Methodology - Project Without TDM									
	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT			
Home Based Work Production	332	-28.3%	238	7.3	2,424	1,737			
Home Based Other Production	888	-25.0%	666	5.3	4,706	3,530			
Non-Home Based Other Production	841	-10.9%	749	8.1	6,812	6,067			
Home-Based Work Attraction	1,475	-21.5%	1,158	8.3	12,243	9,611			
Home-Based Other Attraction	1,999	-24.6%	1,507	6.5	12,994	9,796			
Non-Home Based Other Attraction	930	-10.9%	829	7.2	6,696	5,969			

MXD Methodology with TDM Measures								
		Proposed Project		Project with Mitigation Measures				
	TDM Adjustment	Mitigated Trips	Mitigated VMT					
Home Based Work Production	-3.2%	230	1,681	-20.0%	190	1,390		
Home Based Other Production	-3.2%	644	3,416	-20.0%	533	2,824		
Non-Home Based Other Production	-3.2%	725	5,872	-3.7%	721	5,842		
Home-Based Work Attraction	-3.2%	1,121	9,301	-20.0%	926	7,689		
Home-Based Other Attraction	-3.2%	1,458	9,480	-3.7%	1,451	9,433		
Non-Home Based Other Attraction	-3.2%	802	5,777	-3.7%	798	5,748		

MXD VMT Methodology Per Capita & Per Employee								
Total Population: 552								
Total Employees: 1,057								
APC: Central								
	Proposed Project	Project with Mitigation Measures						
Total Home Based Production VMT	5,097	4,214						
Total Home Based Work Attraction VMT	9,301	7,689						
Total Home Based VMT Per Capita	9.2	7.6						
Total Work Based VMT Per Employee	8.8	7.3						