DRAFT

VEHICLE MILES TRAVELED REDUCTION PROGRAM AND NEXUS STUDY

APPENDICES

CITY OF FRESNO

FRESNO COUNTY, CALIFORNIA

LSA

August 2025

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CITY OF FRESNO

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Submitted to:

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Project No. CFO2101

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August 2025

APPENDIX A

URBAN DESIGN CALCULATOR

City of Fresno
URBAN DESIGN VEHICLE MILES TRAVELED CALCULATOR

Source: CAPCOA Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity

	Definitions
	User defined input
	Input not applicable - Depending on project land use, some inputs are not applicable.
	Vehicle Miles Traveled (VMT) Reduction Output Results

Variable	Summary	Detailed Description
Basic Information		
acres	Gross project site area	This is the total area of the project site in acres.
	Type of project	Classify the project the project as one of the following: Single Family Residential, Multifamily Residential, Office, Industrial, Other.
	Project Vehicle Miles Traveled	This is the project VMT based on the socioeconomic charateristics and location.
	Baseline VMT Threshold	This is the VMT target that a project must achieve to have a less than significant VMT impact.
Land Use		
T-1: Increase Residential Density [Project]		
DU/acre	Residential density of project development.	The number of dwelling units per acre of the residential development.
DU/acre	Residential density of typical development.	Default value: 9.1 du/ac The residential density of typical development is based on the blended average density of residential development in the U.S. forecasted for 2025. This estimate includes apartments, condominiums, and townhouses, as well as detached single-family housing on both small and large lots. An acre in this context is defined as an acre of developed land, not including streets, school sites, parks, and other undevelopable land. If reductions are being calculated from a specific baseline derived from a travel demand forecasting model, the residential density of the relevant transportation analysis zone should be used instead of the value for a typical development.
T-4: Integrate Affordable and Below Market Rate Housing [Project]		
%	Percent of multifmaily units permanently dedicated as affordable.	This refers to percent of multifamily units in the project that are deed restricted or otherwise permanently dedicated as affordable.
T-2: Increase Job Density [Project]		
jobs/ac	Job density of project development.	The number of jobs per acre of the office development.
jobs/ac	Job density of typical development.	Default value: 145 job/ac The jobs density is based on the calculated density of a development with a floor-area ratio of 1.0 and 300 square feet (sf) of building space per employee. If reductions are being calculated from a specific baseline derived from a travel demand forecasting model, the job density of the relevant transportation analysis zone should be used for this variable instead of the default value presented above.
T-17: Improve Street Connectivity [Community]		
# of connections	Total number of ungated automobile connections from project to adjacent development sites.	This is the total number of ungated project driveway connections that allow automotive traffic to travel directly between the project and adjacent developments.
# of connections	Total number of ungated automobile connections from project to adjacent major streets.	This is the total number of ungated project driveway connections that allow automotive traffic to access the adjacent major roadway.
# of intersections	Total number of controlled intersections on adjacent major streets.	This is the total number of intersections between two streets not including driveways.

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Design Subsector		
T-18: Provide Pedestrian Network Improvement		
miles	Length of existing streets with two sidewalks within 0.6 miles of the project.	The length of external streets that has sidewalks on both sides of the street within 0.6 miles of the project.
miles	Length of existing streets with one sidewalk within 0.6 miles of the project.	The length of external streets that has sidewalks on at least one side of the street within 0.6 miles of the project.
miles	Length of internal streets with sidewalks on both sides constructed by the project:	The length of project internal streets that will have sidewalks on both sides that will be constructed by the project.
miles	Length of internal streets with sidewalks on one side constructed by the project:	The length of project internal streets that will have sidewalks on at least one side that will be constructed by the project.
miles	Length of additional sidewalks to be constructed on external streets.	The length of additional sidewalks to be constructed on external streets by the project.
T-20: Expand Bikeway Network		
miles	Existing bikeway miles within 2.5 miles of the project area.	The existing bikeway miles in a plan/community should be calculated by measuring the distance of all Class I, II, III, and IV bikeways within the the 2.5 miles of the project area. This information can sometimes be found in a city's bicycle master plan, if a plan has been prepared and is up to date.
miles	Bikeway miles within 2.5 miles of the project area after project implementation.	The bikeway miles in the plan/community with implementation of bikeways by the project.
T-21A: Implement Conventional Carshare Program		
vehicles	Number of vehicles deployed in plan/community.	The number of cars in the carshare program is selected by the carshare provider, but its magnitude is relative to the size of the service area.
T-21B: Implement Electric Carshare Program		
vehicles	Number of electric vehicles deployed in plan/community.	The number of cars in the carshare program is selected by the carshare provider, but its magnitude is relative to the size of the service area.
T-22A: Implement Pedal (Non-Electric) Bikeshare Program		
%	Percent of residences in plan/community with access to bikeshare system without measure.	Access to bikesharing is measured as the percent of residences in the plan/community within 0.25 mile of a bikeshare station. For dockless bikes, assume that all residences within 0.25 mile of the designated dockless service area would have access.
%	Percent of residences in plan/community with access to bikeshare system with measure.	
T-22B: Implement Electric Bikeshare Program		
%	Percent of residences in plan/community with access to electric bikeshare system without measure.	Access to electric bikesharing is measured as the percent of residences in the plan/community within 0.25-mile of an electric bikeshare station. For dockless bikes, assume that all residences within 0.25 mile of the designated dockless service area would have access.
%	Percent of residences in plan/community with access to electric bikeshare system with measure.	
T-22C: Implement Scootershare Program		
%	Percent of residences in plan/community with access to scootershare system without measure.	Access to scootersharing is measured as the percent of residences in the plan/community within 0.25-mile of a scootershare station. For dockless scooters, assume that all residences within 0.25-mile of the designated dockless service area would have access.
%	Percent of residences in plan/community with access to scootershare system with measure.	
Transit Subsector		
T-27: Implement Transit-Supportive Roadway Treatments		
%	Percent of plan/community transit routes that receive treatments.	The percent of transit routes in the plan/community getting roadway improvements, e.g. queue jumps, transit signal priority, etc.
Parking Pricing/Management Subsector		
T-14: Provide Electric Vehicle Charging Infrastructure		
# of chargers	Number of EV chargers installed at project site in excess of what is required by the 2022 CALGreen. (EV Ready/EV Installed):	The number of electric vehicle chargers that will be installed at the project site beyond what is required by the 2022 California Green Building Standards (CALGreen). Recommends using CALGreen 2022 as it is the most recent version of building standards code for California. Residential EV charging requirements are listed under "*4.106.4 Electric vehicle (EV) charging for new construction* " and non-residential requirements are listed under "*5.106.5.3 Electric vehicle (EV) charging* ".
# of vehicles	Total vehicles accessing site per day.	The total number of vehicles accessing the project site per day.
T-15: Limit Residential Parking Supply		
# of parking spaces	Residential parking demand (Parking demand based on ITE Parking Generation Manual).	The user can calculate the parking demand in the ITE Parking Generation Manual based on the project building square footage or number of DUs.
# of parking spaces	Project residential parking supply.	The number of park spaces on the project site that will be available for residents.
%	Percentage of project VMT Generated by Residents.	Available research on changes in parking supply focuses on residential land uses. Therefore, reductions are applied only to the share of VMT generated by residents of a project. For most residential projects, this will be 100 percent; however, for mixed-use projects, the user will need to provide project-specific data.
T-16: Unbundle Residential Parking Costs from Property Cost		
$ per year	Annual parking cost per space.	For most projects, this represents a monthly parking fee multiplied by 12. For deeded parking spaces, an estimate of the additional cost to a mortgage may be used, or the total cost may be prorated over 30 years. Costs to park will vary widely based on location; however, this value should consider if other nearby offsite parking options are available at lower cost.
Results		
%	The urban form of this project warrants a VMT Reduction of:	The total VMT reduction across all transportation categories has been limited to 10% cap. The 10% cap is based on cross-category maximum for the suburban land use from page 58 of the CAPCOA *Quantifying Greenhouse Gas Mitigation Measures* , August 2010. The suburban land use cap from the August 2010 edition was deemed more appropriate than the 70% cap from the December 2021 edition due to land use characteristics in the City of Fresno.

DU - dwelling unit; ac - acres

City of Fresno

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Basic Information

Calculation Run By:		
Date of Calculation:		
Project Name:		
Applicant/Developer:		
Major Cross Streets:		
Project Address:		
APN(s):		
Gross Project Site Area:	10	acres
Type of Project:	Other	
Project Vehicles Miles Traveled (VMT):	15.0	VMT per employee
Baseline VMT Threshold:	15.0	VMT per employee
VMT Difference:	**0.00**	%
Does the project have a VMT Impact?	**No**	

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Land Use Related Project Design Features/Mitigations

T-1: Increase Residential Density [Project]

Residential density of project development:		dwelling unit/ac
Residential density of typical development:	9.1	dwelling unit/ac
VMT Reduction:	**0.00**	%

T-4: Integrate Affordable and Below Market Rate Housing [Project]

Percent of multifamily units permanently dedicated as affordable:		%
VMT Reduction:	**0.00**	%

T-2: Increase Job Density [Project]

Job density of project development:		jobs/acre
Job density of typical development:	145	jobs/acre
VMT Reduction:	**0.00**	%

T-17: Improve Street Connectivity [Community]

Total number of ungated automobile connections from project to adjacent development sites:		connections
Total number of ungated automobile connections from project to adjacent major streets:		connections
Total number of controlled intersections on adjacent major streets:		intersections
VMT Reduction:	**0.00**	%

Total Land Use VMT Reduction

Land Use Project Scale VMT Reduction:	**0.00**	%
Land Use Community Scale VMT Reduction:	**0.00**	%

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Design Subsector

T-18: Provide Pedestrian Network Improvement

Length of existing streets with two sidewalks within 0.6 miles of the project:		miles
Length of existing streets with one sidewalk within 0.6 miles of the project:		miles
Length of internal streets with sidewalks on both sides constructed by the project:		miles
Length of internal streets with sidewalks on one side constructed by the project:		miles
Length of additional sidewalks to be constructed on external streets:		miles
VMT Reduction:	**0.00**	%

T-20: Expand Bikeway Network

Existing bikeway miles within 2.5 miles of the project area:		miles
Bikeway miles within 2.5 miles of the project area after project implementation:		miles
VMT Reduction:	**0.00**	%

T-21A: Implement Conventional Carshare Program

Number of vehicles deployed in plan/community:		vehicles
VMT Reduction:	**0.00**	%

T-21B: Implement Electric Carshare Program

Number of electric vehicles deployed in plan/community:		vehicles
VMT Reduction:	**0.00**	%

T-22A: Implement Pedal (Non-Electric) Bikeshare Program

Percent of residences in plan/community with access to bikeshare system without measure:		%
Percent of residences in plan/community with access to bikeshare system with measure:		%
VMT Reduction:	**0.00**	%

T-22B: Implement Electric Bikeshare Program

Percent of residences in plan/community with access to electric bikeshare system without measure:		%
Percent of residences in plan/community with access to electric bikeshare system with measure:		%
VMT Reduction:	**0.00**	%

T-22C: Implement Scootershare Program

Percent of residences in plan/community with access to scootershare system without measure:	0	%
Percent of residences in plan/community with access to scootershare system with measure:		%
VMT Reduction:	**0.00**	%

Total Design VMT Reduction:

Design VMT Reduction:	**0.00**	%

City of Fresno

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Transit Subsector

T-27: Implement Transit-Supportive Roadway Treatments

Percent of plan/community transit routes that receive treatments:		%
VMT Reduction:	**0.00**	%

Parking Pricing/Management Subsector

T-14: Provide Electric Vehicle Charging Infrastructure

Number of EV chargers installed at project site in excess of what is required by the 2022 CALGreen (EV Ready/EV Installed):		chargers
Total vehicles accessing site per day:		vehicles
VMT Reduction:	**0.00**	%

T-15: Limit Residential Parking Supply

Residential parking demand (Parking demand based on *ITE Parking Generation Manual*):		parking spaces
Project residential parking supply:		parking spaces
Percentage of Project VMT Generated by Residents:		%
VMT Reduction:	**0.00**	%

T-16: Unbundle Residential Parking Costs from Property Cost

Annual parking cost per space:		$ per year
VMT Reduction:	**0.00**	%

Total VMT Reduction

Transit Subsector VMT Reduction:	**0.00**	%
Parking Pricing/Management Subsector VMT Reduction:	**0.00**	%

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Subsector VMT Reduction

Land Use Project Scale Subsector	**0.00**	%
Land Use Community Scale Subsector	**0.00**	%
Design Subsector	**0.00**	%
Transit Subsector	**0.00**	
Parking Pricing/Magement Subsector	**0.00**	

Results of Urban Form VMT Analysis

Project Vehicles Miles Traveled (VMT):	**15.0**	VMT per employee
Baseline VMT Threshold:	**15.0**	VMT per employee
VMT Difference:	**0.00**	%
The urban form of this project warrants a VMT Reduction of:	**0.00**	%
The adjusted VMT for this project is:	**15.0**	VMT per employee
Adjusted VMT Difference:	**0.00**	%
After analysis of its urban form, does this project still have a VMT impact which must be mitigated through a fee or other measure?	**NO**	

Project Information				Connectivity Scoring									
Project ID	Street Name	Project Description	Project Type	C-1 Connectivity to Existing Network	C-2 Connectivity to Schools	C-3 Connectivity to Public Transit	C-4 Connectivity to Parks	C-5 Connectivity to Key Destinations	C-6 Connectivity to Future Network	C-7 Regional Significance	C-8 Place Type	Total	Weighted
T1	0	ADA Bus Stop Accessibility Improvements	Bus Stop Improvements	0	9	4	2	3	0	0	0	18	51.4
T14	0	Non-Revenue Vehicle Purchase	Support	0	0	0	0	0	0	0	0	0	0.0
T16	0	Passenger Amenities	Support	0	0	0	0	0	0	0	0	0	0.0
T19	0	Systemwide Traffic-Signal Priority	Support	0	0	0	0	0	0	0	0	0	0.0
T31	0	Right of Way Acquisition - For bus to achieve ADA compliance of boarding, alighting and passegner amenities.	Bus Stop Improvements	0	9	4	2	3	0	0	0	18	51.4
T38	0	Veterans Home System Expansion - Expand System to California Verterans Home	New Line	3	15	4	4	4	2	1	0	33	94.3
T39	Southern Industrial Area	Three new buses, 52 new ADA compliant stops for Southern Industrial service expanion.	New Line	3	15	4	4	4	2	1	0	33	94.3
T42	Cedar Ave	Cedar Ave Transit Signal Priority - Adaptive Signal Control on Cedar from Herndon to Jensen	Support	0	0	0	0	0	0	0	0	0	0.0
T45	0	Six new buses to increase service on Route 32	Frequency	0	12	4	4	4	0	1	0	25	71.4
T47	Ashlan Avenue	Two new buses and 10 new stops to increase service on Route 45	Frequency	0	12	4	4	4	0	0	0	24	68.6
T48	0	New/Expanded Bus yard Facilities Construction - Purchase property for new bus yard expansion	Support	0	0	0	0	0	0	0	0	0	0.0
T49	0	Mobility as a Service - Explore and Implement Rideshare, Car Share, and Bike Share	Mobility as Service	3	15	4	4	4	2	1	0	33	94.3
T50	0	Real Time Passenger Information - Real Time Bus Arrival and Departure	Support	0	0	0	0	0	0	0	0	0	0.0
T55	0	Back-Up Energy Storage - Large Scale Energy Storage for Backup and Emergency Power for EV Chargers	Support	0	0	0	0	0	0	0	0	0	0.0
T57	0	Ambassador Program - Travel Training Program for Schools and other Social Services	Plan, Policy, Study, Marketing	0	0	0	0	0	0	0	0	0	0.0
T58	0	Enhanced Marketing Public Outreach - Outreach of Service Expansions	Plan, Policy, Study, Marketing	0	0	0	0	0	0	0	0	0	0.0
T62	0	Associated Transit Improvements - Implement Passenger Amenity Improvements for Bus Stations, TIRCP funds for the high frequency network as reflected in the FTIP	Bus Stop Improvements	0	0	0	0	0	0	0	0	0	0.0
T63	0	Bike Racks - on FAX Buses	Active Transportation	0	0	0	0	0	0	0	0	0	0.0

APPENDIX B

VMT MITIGATION PROJECT SCORING

Project Information				Connectivity Scoring									
Project ID	Street Name	Project Description	Project Type	C-1 Connectivity to Existing Network	C-2 Connectivity to Schools	C-3 Connectivity to Public Transit	C-4 Connectivity to Parks	C-5 Connectivity to Key Destinations	C-6 Connectivity to Future Network	C-7 Regional Significance	C-8 Place Type	Total	Weighted
T64	0	Zero Emissions Buses and Supporting Infrastructure - Purchase Zero Emission Buses and Supporting Infrastructure to replace current Fleet	Bus Purchase	0	0	0	0	0	0	0	0	0	0.0
T65	0	Zero Emissions Buses and Supporting Infrastructure - Purchase Zero Emission Buses and Supporting Infrastructure for transit expansion	Bus Purchase	0	0	0	0	0	0	0	0	0	0.0
T69	0	Transit Security Projects - Implement Security and Safety Projects on buses and at transit stations, access control, video surveillance, lighting, fire safety, etc.	Support	0	0	0	0	0	0	0	0	0	0.0
T86	Blackstone/Shaw	Queue Jump Lane	Support	0	0	0	0	0	0	0	0	0	0.0
T87	Blackstone/Shields	Queue Jump Lane	Support	0	0	0	0	0	0	0	0	0	0.0
T96	Clinton Avenue	Three new buses for 15 Minute Frequency on Route 39	Frequency	0	15	4	4	4	0	1	0	28	80.0
T102	Bullard Ave	Four new buses and 72 new stops for Bullard Ave Crosstown Route	New Line	3	15	4	4	4	2	0	0	32	91.4
T126	Church Ave	Four new buses and 68 new stops for Church Avenue Crosstown Service	New Line	3	15	4	4	4	2	0	0	32	91.4
T130	Willow Ave	Four new buses and 68 new stops for service from Willow Avenue from Shields and Clovis Community College	New Line	3	0	4	0	0	2	0	0	9	25.7
T134	0	Purchase and develop land in support of revitalization and mixed-use development along high capacity/high frequency transit corridors.	Frequency	0	0	0	0	0	0	0	0	0	0.0
T135	0	Passenger amenity improvements (bus stops/stations) throughout FAX route system, including concrete improvements, shelters, lighting, signage, etc. Annual average $150k.	Bus Stop Improvements	0	9	0	2	4	2	1	0	18	51.4
B3	W Audubon Ave to W Nees Ave to Gravel Haul Rd to W Alluvial Ave to Harrison Ave	Priority Bikeway Network	Active Transportation	3	12	4	4	4	2	0	2	31	88.6
B4	E Shepherd Ave	Priority Bikeway Network	Active Transportation	3	12	4	4	4	2	1	2	32	91.4
B5	N Millbrook Ave [0.1 miles on E Bullard Ave]	Priority Bikeway Network	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
B9	W Bullard Ave to W Sierra Ave to N Dante Ave to W San Jose Ave	Priority Bikeway Network	Active Transportation	3	12	4	4	4	2	0	0	29	82.9
B11	E Barstow Ave	Priority Bikeway Network	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
B13	W Gettysburg Ave	Priority Bikeway Network	Active Transportation	3	15	4	4	0	2	0	2	30	85.7

Project Information				Connectivity Scoring									
Project ID	Street Name	Project Description	Project Type	C-1 Connectivity to Existing Network	C-2 Connectivity to Schools	C-3 Connectivity to Public Transit	C-4 Connectivity to Parks	C-5 Connectivity to Key Destinations	C-6 Connectivity to Future Network	C-7 Regional Significance	C-8 Place Type	Total	Weighted
B14	N Valentine Ave to N Emerson Ave to Herndon No. 39 Canal	Priority Bikeway Network	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
B16	N Cornelia Ave	Priority Bikeway Network	Active Transportation	3	15	4	4	4	2	0	0	32	91.4
B17	Along Herndon No 39 Canal (section on E Shields Ave) to Mill No 36 Canal (section along E McKinley Ave) to N Clovis Ave	Priority Bikeway Network	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
B18	E Dakota Ave	Priority Bikeway Network	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
B20	N Maple Ave	Priority Bikeway Network	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
B26	S Maple Ave	Priority Bikeway Network	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
B28	N Clovis Ave to Fancher No 6 Canal to Central No 23 Canal	Priority Bikeway Network	Active Transportation	3	6	4	4	4	2	0	0	23	65.7
B37	E Church Ave	Priority Bikeway Network	Active Transportation	3	15	4	4	4	2	0	0	32	91.4
PED-UN2	Calimyrna Neighborhood	Underserved Neighborhoods	Active Transportation	3	0	4	2	4	2	0	2	17	48.6
PED-UN3	Chestnut/Belmont Neighborhood	Underserved Neighborhoods	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
PED-UN4	Chestnut/Olive Neighborhood	Underserved Neighborhoods	Active Transportation	3	12	4	2	4	2	0	0	27	77.1
PED-UN5	Church/Elm Area	Underserved Neighborhoods	Active Transportation	3	9	4	4	0	2	0	0	22	62.9
PED-UN6	Del Mar Neighborhood	Underserved Neighborhoods	Active Transportation	3	15	4	2	4	2	0	2	32	91.4
PED-UN7	Florence Avenue to Balderas Elementary School	Underserved Neighborhoods	Active Transportation	3	12	4	4	4	2	0	0	29	82.9
PED-UN8	Herndon/41 Neighborhood	Underserved Neighborhoods	Active Transportation	3	6	4	0	4	0	0	2	19	54.3
PED-UN9	Hidalgo Elementary School Neighborhood	Underserved Neighborhoods	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
PED-UN10	Jane Addams Neighborhood	Underserved Neighborhoods	Active Transportation	3	12	4	4	4	2	0	0	29	82.9
PED-UN11	Maple/Church Area	Underserved Neighborhoods	Active Transportation	3	12	4	4	4	2	0	0	29	82.9
PED-UN13	Norseman Elementary School Neighborhood	Underserved Neighborhoods	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
PED-UN14	North Avenue Neighborhood	Underserved Neighborhoods	Active Transportation	3	15	4	0	4	2	1	0	29	82.9
PED-UN16	Roeding Park Neighborhood	Underserved Neighborhoods	Active Transportation	3	9	4	4	4	2	0	0	26	74.3
PED-UN17	Scandinavian Neighborhood	Underserved Neighborhoods	Active Transportation	3	15	4	4	4	2	0	0	32	91.4
PED-UN18	West of Edison Area	Underserved Neighborhoods	Active Transportation	3	15	4	4	4	2	0	0	32	91.4
PED-UN19	Yosemite Middle School Neighborhood	Underserved Neighborhoods	Active Transportation	3	12	4	4	4	2	0	2	31	88.6
PED-PAA1	Downtown Fresno	Pedestrian Activity Areas	Active Transportation	3	12	4	4	4	2	0	2	31	88.6
PED-PAA2	Tower District - Olive Avenue	Pedestrian Activity Areas	Active Transportation	3	12	4	0	4	2	0	2	27	77.1
PED-PAA3	Van Ness Avenue - near Fresno City	Pedestrian Activity Areas	Active Transportation	3	12	4	0	4	2	0	2	27	77.1
PED-PAA4	Blackstone Avenue/Abby Street	Pedestrian Activity Areas	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
PED-PAA5	Ventura Avenue	Pedestrian Activity Areas	Active Transportation	3	12	4	4	4	2	0	2	31	88.6
PED-SA1	Blackstone Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	3	12	4	4	4	2	0	2	31	88.6
PED-SA2	Shaw Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	3	6	4	4	4	2	0	2	25	71.4
PED-SA3	Shaw Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
PED-SA4	West Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	3	12	4	4	4	2	0	2	31	88.6
PED-SA5	First Street	Pedestrian Safety Enhancement Corridors	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
PED-SA6	Cedar Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
PED-SA7	Cedar Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	3	15	4	2	4	2	0	2	32	91.4

Project Information				Connectivity Scoring									
Project ID	Street Name	Project Description	Project Type	C-1 Connectivity to Existing Network	C-2 Connectivity to Schools	C-3 Connectivity to Public Transit	C-4 Connectivity to Parks	C-5 Connectivity to Key Destinations	C-6 Connectivity to Future Network	C-7 Regional Significance	C-8 Place Type	Total	Weighted
PED-SA8	Kings Canyon Road	Pedestrian Safety Enhancement Corridors	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
PED-SA9	Chestnut Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
PED-SA10	Clovis Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	3	12	4	4	4	2	0	0	29	82.9
PED-SA11	Butler Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	3	15	4	4	4	2	0	2	34	97.1
B38	Southern Blackstone Avenue Smart Mobility Strategy	Class IV Bikeway	Active Transportation	3	15	4	4	4	2	0	0	32	91.4

Project Information				Access and Equity Scoring					
Project ID	Street Name	Project Description	Project Type	A-1 Accessibility	A-2 Equity	A-3 Community Identified Priority	A-4 Vehicle Ownership	Total	Weighted
T1	0	ADA Bus Stop Accessibility Improvements	Bus Stop Improvements	4	8	3	2	17	56.7
T14	0	Non-Revenue Vehicle Purchase	Support	0	0	3	0	3	10.0
T16	0	Passenger Amenities	Support	2	0	3	0	5	16.7
T19	0	Systemwide Traffic-Signal Priority	Support	0	8	3	2	13	43.3
T31	0	Right of Way Acquisition - For bus to achieve ADA compliance of boarding, alighting and passegner amenities.	Bus Stop Improvements	4	8	3	2	17	56.7
T38	0	Veterans Home System Expansion - Expand System to California Verterans Home	New Line	4	18	3	0	25	83.3
T39	Southern Industrial Area	Three new buses, 52 new ADA compliant stops for Southern Industrial service expanion.	New Line	4	18	3	2	27	90.0
T42	Cedar Ave	Cedar Ave Transit Signal Priority - Adaptive Signal Control on Cedar from Herndon to Jensen	Support	0	18	3	2	23	76.7
T45	0	Six new buses to increase service on Route 32	Frequency	0	18	3	2	23	76.7
T47	Ashlan Avenue	Two new buses and 10 new stops to increase service on Route 45	Frequency	0	13	3	2	18	60.0
T48	0	New/Expanded Bus yard Facilities Construction - Purchase property for new bus yard expansion	Support	0	0	3	0	3	10.0
T49	0	Mobility as a Service - Explore and Implement Rideshare, Car Share, and Bike Share	Mobility as Service	2	8	3	2	15	50.0
T50	0	Real Time Passenger Information - Real Time Bus Arrival and Departure	Support	0	0	3	0	3	10.0
T55	0	Back-Up Energy Storage - Large Scale Energy Storage for Backup and Emergency Power for EV Chargers	Support	0	0	3	0	3	10.0
T57	0	Ambassador Program - Travel Training Program for Schools and other Social Services	Plan, Policy, Study, Marketing	0	0	3	0	3	10.0
T58	0	Enhanced Marketing Public Outreach - Outreach of Service Expansions	Plan, Policy, Study, Marketing	0	0	3	0	3	10.0
T62	0	Associated Transit Improvements - Implement Passenger Amenity Improvements for Bus Stations, TIRCP funds for the high frequency network as reflected in the FTIP	Bus Stop Improvements	4	8	3	2	17	56.7
T63	0	Bike Racks - on FAX Buses	Active Transportation	0	0	3	0	3	10.0

Project Information				Access and Equity Scoring					
Project ID	Street Name	Project Description	Project Type	A-1 Accessibility	A-2 Equity	A-3 Community Identified Priority	A-4 Vehicle Ownership	Total	Weighted
T64	0	Zero Emissions Buses and Supporting Infrastructure - Purchase Zero Emission Buses and Supporting Infrastructure to replace current Fleet	Bus Purchase	0	0	3	0	3	10.0
T65	0	Zero Emissions Buses and Supporting Infrastructure - Purchase Zero Emission Buses and Supporting Infrastructure for transit expansion	Bus Purchase	0	0	3	0	3	10.0
T69	0	Transit Security Projects - Implement Security and Safety Projects on buses and at transit stations, access control, video surveillance, lighting, fire safety, etc.	Support	0	0	3	0	3	10.0
T86	Blackstone/Shaw	Queue Jump Lane	Support	0	0	3	0	3	10.0
T87	Blackstone/Shields	Queue Jump Lane	Support	0	13	3	0	16	53.3
T96	Clinton Avenue	Three new buses for 15 Minute Frequency on Route 39	Frequency	0	18	3	2	23	76.7
T102	Bullard Ave	Four new buses and 72 new stops for Bullard Ave Crosstown Route	New Line	4	13	3	0	20	66.7
T126	Church Ave	Four new buses and 68 new stops for Church Avenue Crosstown Service	New Line	4	18	3	0	25	83.3
T130	Willow Ave	Four new buses and 68 new stops for service from Willow Avenue from Shields and Clovis Community College	New Line	4	13	3	0	20	66.7
T134	0	Purchase and develop land in support of revitalization and mixed-use development along high capacity/high frequency transit corridors.	Frequency	0	0	3	0	3	10.0
T135	0	Passenger amenity improvements (bus stops/stations) throughout FAX route system, including concrete improvements, shelters, lighting, signage, etc. Annual average $150k.	Bus Stop Improvements	4	0	3	0	7	23.3
B3	W Audubon Ave to W Nees Ave to Gravel Haul Rd to W Alluvial Ave to Harrison Ave	Priority Bikeway Network	Active Transportation	0	8	5	0	13	43.3
B4	E Shepherd Ave	Priority Bikeway Network	Active Transportation	4	0	5	0	9	30.0
B5	N Millbrook Ave [0.1 miles on E Bullard Ave]	Priority Bikeway Network	Active Transportation	4	8	5	0	17	56.7
B9	W Bullard Ave to W Sierra Ave to N Dante Ave to W San Jose Ave	Priority Bikeway Network	Active Transportation	4	8	5	0	17	56.7
B11	E Barstow Ave	Priority Bikeway Network	Active Transportation	4	8	5	2	19	63.3
B13	W Gettysburg Ave	Priority Bikeway Network	Active Transportation	4	13	5	0	22	73.3

Project Information				Access and Equity Scoring					
Project ID	Street Name	Project Description	Project Type	A-1 Accessibility	A-2 Equity	A-3 Community Identified Priority	A-4 Vehicle Ownership	Total	Weighted
B14	N Valentine Ave to N Emerson Ave to Herndon No. 39 Canal	Priority Bikeway Network	Active Transportation	4	13	5	0	22	73.3
B16	N Cornelia Ave	Priority Bikeway Network	Active Transportation	4	13	5	0	22	73.3
B17	Along Herndon No 39 Canal (section on E Shields Ave) to Mill No 36 Canal (section along E McKinley Ave) to N Clovis Ave	Priority Bikeway Network	Active Transportation	4	13	5	0	22	73.3
B18	E Dakota Ave	Priority Bikeway Network	Active Transportation	4	8	5	0	17	56.7
B20	N Maple Ave	Priority Bikeway Network	Active Transportation	4	13	5	0	22	73.3
B26	S Maple Ave	Priority Bikeway Network	Active Transportation	4	18	5	0	27	90.0
B28	N Clovis Ave to Fancher No 6 Canal to Central No 23 Canal	Priority Bikeway Network	Active Transportation	4	18	5	0	27	90.0
B37	E Church Ave	Priority Bikeway Network	Active Transportation	4	18	5	0	27	90.0
PED-UN2	Calimyrna Neighborhood	Underserved Neighborhoods	Active Transportation	0	8	5	0	13	43.3
PED-UN3	Chestnut/Belmont Neighborhood	Underserved Neighborhoods	Active Transportation	4	8	5	0	17	56.7
PED-UN4	Chestnut/Olive Neighborhood	Underserved Neighborhoods	Active Transportation	4	18	5	0	27	90.0
PED-UN5	Church/Elm Area	Underserved Neighborhoods	Active Transportation	0	18	5	0	23	76.7
PED-UN6	Del Mar Neighborhood	Underserved Neighborhoods	Active Transportation	4	8	5	0	17	56.7
PED-UN7	Florence Avenue to Balderas Elementary School	Underserved Neighborhoods	Active Transportation	4	18	5	0	27	90.0
PED-UN8	Herndon/41 Neighborhood	Underserved Neighborhoods	Active Transportation	0	8	5	0	13	43.3
PED-UN9	Hidalgo Elementary School Neighborhood	Underserved Neighborhoods	Active Transportation	4	18	5	0	27	90.0
PED-UN10	Jane Addams Neighborhood	Underserved Neighborhoods	Active Transportation	4	18	5	0	27	90.0
PED-UN11	Maple/Church Area	Underserved Neighborhoods	Active Transportation	4	18	5	0	27	90.0
PED-UN13	Norseman Elementary School Neighborhood	Underserved Neighborhoods	Active Transportation	4	8	5	0	17	56.7
PED-UN14	North Avenue Neighborhood	Underserved Neighborhoods	Active Transportation	4	18	5	0	27	90.0
PED-UN16	Roeding Park Neighborhood	Underserved Neighborhoods	Active Transportation	4	18	5	0	27	90.0
PED-UN17	Scandinavian Neighborhood	Underserved Neighborhoods	Active Transportation	4	13	5	0	22	73.3
PED-UN18	West of Edison Area	Underserved Neighborhoods	Active Transportation	4	18	5	0	27	90.0
PED-UN19	Yosemite Middle School Neighborhood	Underserved Neighborhoods	Active Transportation	4	18	5	0	27	90.0
PED-PAA1	Downtown Fresno	Pedestrian Activity Areas	Active Transportation	4	18	5	2	29	96.7
PED-PAA2	Tower District - Olive Avenue	Pedestrian Activity Areas	Active Transportation	4	8	5	0	17	56.7
PED-PAA3	Van Ness Avenue - near Fresno City College	Pedestrian Activity Areas	Active Transportation	4	8	5	0	17	56.7
PED-PAA4	Blackstone Avenue/Abby Street	Pedestrian Activity Areas	Active Transportation	4	18	5	2	29	96.7
PED-PAA5	Ventura Avenue	Pedestrian Activity Areas	Active Transportation	4	18	5	0	27	90.0
PED-SA1	Blackstone Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	4	18	5	0	27	90.0
PED-SA2	Shaw Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	4	13	5	0	22	73.3
PED-SA3	Shaw Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	4	8	5	0	17	56.7
PED-SA4	West Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	4	8	5	0	17	56.7

Project Information				Access and Equity Scoring					
Project ID	Street Name	Project Description	Project Type	A-1 Accessibility	A-2 Equity	A-3 Community Identified Priority	A-4 Vehicle Ownership	Total	Weighted
PED-SA5	First Street	Pedestrian Safety Enhancement Corridors	Active Transportation	4	18	5	0	27	90.0
PED-SA6	Cedar Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	4	18	5	0	27	90.0
PED-SA7	Cedar Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	4	18	5	0	27	90.0
PED-SA8	Kings Canyon Road	Pedestrian Safety Enhancement Corridors	Active Transportation	4	18	5	0	27	90.0
PED-SA9	Chestnut Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	4	18	5	0	27	90.0
PED-SA10	Clovis Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	4	13	5	0	22	73.3
PED-SA11	Butler Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	4	18	5	0	27	90.0
B38	Southern Blackstone Avenue Smart Mobility Strategy	Class IV Bikeway	Active Transportation	4	18	5	0	27	90.0

Project Information				Traffic Control, Mode Shift and User Comfort Scoring					
Project ID	Street Name	Project Description	Project Type	T-1 Bicycle or Pedestrian Collisions	T-2 Project Type	T-3 Potential for Mode Shift and Greenhouse Gas Reduction	T-4 Location Efficiency: Population Density	Total	Weighted
T1	0	ADA Bus Stop Accessibility Improvements	Bus Stop Improvements	15	4	4	2	25	71
T14	0	Non-Revenue Vehicle Purchase	Support	0	0	0	0	0	0
T16	0	Passenger Amenities	Support	0	0	0	0	0	0
T19	0	Systemwide Traffic-Signal Priority	Support	0	0	0	0	0	0
T31	0	Right of Way Acquisition - For bus to achieve ADA compliance of boarding, alighting and passegner amenities.	Bus Stop Improvements	0	0	0	0	0	0
T38	0	Veterans Home System Expansion - Expand System to California Verterans Home	New Line	0	0	4	2	6	55
T39	Southern Industrial Area	Three new buses, 52 new ADA compliant stops for Southern Industrial service expanion.	New Line	0	0	4	2	6	55
T42	Cedar Ave	Cedar Ave Transit Signal Priority - Adaptive Signal Control on Cedar from Herndon to Jensen	Support	0	0	6	4	10	91
T45	0	Six new buses to increase service on Route 32	Frequency	0	0	6	4	10	91
T47	Ashlan Avenue	Two new buses and 10 new stops to increase service on Route 45	Frequency	0	0	6	4	10	91
T48	0	New/Expanded Bus yard Facilities Construction - Purchase property for new bus yard expansion	Support	0	0	0	0	0	0
T49	0	Mobility as a Service - Explore and Implement Rideshare, Car Share, and Bike Share	Mobility as Service	0	0	0	0	0	0
T50	0	Real Time Passenger Information - Real Time Bus Arrival and Departure	Support	0	0	0	0	0	0
T55	0	Back-Up Energy Storage - Large Scale Energy Storage for Backup and Emergency Power for EV Chargers	Support	0	0	0	0	0	0
T57	0	Ambassador Program - Travel Training Program for Schools and other Social Services	Plan, Policy, Study, Marketing	0	0	0	0	0	0
T58	0	Enhanced Marketing Public Outreach - Outreach of Service Expansions	Plan, Policy, Study, Marketing	0	0	0	0	0	0

Project Information				Traffic Control, Mode Shift and User Comfort Scoring					
Project ID	Street Name	Project Description	Project Type	T-1 Bicycle or Pedestrian Collisions	T-2 Project Type	T-3 Potential for Mode Shift and Greenhouse Gas Reduction	T-4 Location Efficiency: Population Density	Total	Weighted
T62	0	Associated Transit Improvements - Implement Passenger Amenity Improvements for Bus Stations, TIRCP funds for the high frequency network as reflected in the FTIP	Bus Stop Improvements	0	0	0	0	0	0
T63	0	Bike Racks - on FAX Buses	Active Transportation	0	0	0	0	0	0
T64	0	Zero Emissions Buses and Supporting Infrastructure - Purchase Zero Emission Buses and Supporting Infrastructure to replace current Fleet	Bus Purchase	0	0	0	0	0	0
T65	0	Zero Emissions Buses and Supporting Infrastructure - Purchase Zero Emission Buses and Supporting Infrastructure for transit expansion	Bus Purchase	0	0	0	0	0	0
T69	0	Transit Security Projects - Implement Security and Safety Projects on buses and at transit stations, access control, video surveillance, lighting, fire safety, etc.	Support	0	0	0	0	0	0
T86	Blackstone/Shaw	Queue Jump Lane	Support	0	0	7	1	8	73
T87	Blackstone/Shields	Queue Jump Lane	Support	0	0	7	1	8	73
T96	Clinton Avenue	Three new buses for 15 Minute Frequency on Route 39	Frequency	0	0	6	4	10	91
T102	Bullard Ave	Four new buses and 72 new stops for Bullard Ave Crosstown Route	New Line	0	0	6	4	10	91
T126	Church Ave	Four new buses and 68 new stops for Church Avenue Crosstown Service	New Line	0	0	4	4	8	73
T130	Willow Ave	Four new buses and 68 new stops for service from Willow Avenue from Shields and Clovis Community College	New Line	0	0	6	4	10	91
T134	0	Purchase and develop land in support of revitalization and mixed-use development along high capacity/high frequency transit corridors.	Frequency	0	0	0	0	0	0
T135	0	Passenger amenity improvements (bus stops/stations) throughout FAX route system, including concrete improvements, shelters, lighting, signage, etc. Annual average $150k.	Bus Stop Improvements	0	0	0	0	0	0

Project Information				Traffic Control, Mode Shift and User Comfort Scoring					
Project ID	Street Name	Project Description	Project Type	T-1 Bicycle or Pedestrian Collisions	T-2 Project Type	T-3 Potential for Mode Shift and Greenhouse Gas Reduction	T-4 Location Efficiency: Population Density	Total	Weighted
B3	W Audubon Ave to W Nees Ave to Gravel Haul Rd to W Alluvial Ave to Harrison Ave	Priority Bikeway Network	Active Transportation	10	4	6	1	21	60
B4	E Shepherd Ave	Priority Bikeway Network	Active Transportation	8	4	6	2	20	57
B5	N Millbrook Ave [0.1 miles on E Bullard Ave]	Priority Bikeway Network	Active Transportation	15	4	4	3	26	74
B9	W Bullard Ave to W Sierra Ave to N Dante Ave to W San Jose Ave	Priority Bikeway Network	Active Transportation	8	4	4	3	19	54
B11	E Barstow Ave	Priority Bikeway Network	Active Transportation	10	4	6	2	22	63
B13	W Gettysburg Ave	Priority Bikeway Network	Active Transportation	8	4	4	1	17	49
B14	N Valentine Ave to N Emerson Ave to Herndon No. 39 Canal	Priority Bikeway Network	Active Transportation	0	4	4	2	10	29
B16	N Cornelia Ave	Priority Bikeway Network	Active Transportation	8	4	4	2	18	51
B17	Along Herndon No 39 Canal (section on E Shields Ave) to Mill No 36 Canal (section along E McKinley Ave) to N Clovis Ave	Priority Bikeway Network	Active Transportation	20	4	7	4	35	100
B18	E Dakota Ave	Priority Bikeway Network	Active Transportation	15	4	6	2	27	77
B20	N Maple Ave	Priority Bikeway Network	Active Transportation	0	4	4	1	9	26
B26	S Maple Ave	Priority Bikeway Network	Active Transportation	15	4	6	3	28	80
B28	N Clovis Ave to Fancher No 6 Canal to Central No 23 Canal	Priority Bikeway Network	Active Transportation	10	4	7	1	22	63
B37	E Church Ave	Priority Bikeway Network	Active Transportation	0	4	4	2	10	29
PED-UN2	Calimyrna Neighborhood	Underserved Neighborhoods	Active Transportation	0	4	7	0	11	31
PED-UN3	Chestnut/Belmont Neighborhood	Underserved Neighborhoods	Active Transportation	0	4	7	1	12	34
PED-UN4	Chestnut/Olive Neighborhood	Underserved Neighborhoods	Active Transportation	20	4	6	0	30	86
PED-UN5	Church/Elm Area	Underserved Neighborhoods	Active Transportation	0	4	4	1	9	26
PED-UN6	Del Mar Neighborhood	Underserved Neighborhoods	Active Transportation	0	4	6	1	11	31
PED-UN7	Florence Avenue to Balderas Elementary School	Underserved Neighborhoods	Active Transportation	10	4	4	1	19	54
PED-UN8	Herndon/41 Neighborhood	Underserved Neighborhoods	Active Transportation	0	4	7	0	11	31
PED-UN9	Hidalgo Elementary School Neighborhood	Underserved Neighborhoods	Active Transportation	15	4	7	1	27	77
PED-UN10	Jane Addams Neighborhood	Underserved Neighborhoods	Active Transportation	20	4	6	1	31	89
PED-UN11	Maple/Church Area	Underserved Neighborhoods	Active Transportation	8	4	4	1	17	49
PED-UN13	Norseman Elementary School Neighborhood	Underserved Neighborhoods	Active Transportation	8	4	6	1	19	54
PED-UN14	North Avenue Neighborhood	Underserved Neighborhoods	Active Transportation	20	4	6	1	31	89
PED-UN16	Roeding Park Neighborhood	Underserved Neighborhoods	Active Transportation	0	4	4	0	8	23
PED-UN17	Scandinavian Neighborhood	Underserved Neighborhoods	Active Transportation	20	4	7	1	32	91
PED-UN18	West of Edison Area	Underserved Neighborhoods	Active Transportation	0	4	0	0	4	11
PED-UN19	Yosemite Middle School Neighborhood	Underserved Neighborhoods	Active Transportation	20	4	7	1	32	91

Project Information				Traffic Control, Mode Shift and User Comfort Scoring					
Project ID	Street Name	Project Description	Project Type	T-1 Bicycle or Pedestrian Collisions	T-2 Project Type	T-3 Potential for Mode Shift and Greenhouse Gas Reduction	T-4 Location Efficiency: Population Density	Total	Weighted
PED-PAA1	Downtown Fresno	Pedestrian Activity Areas	Active Transportation	20	4	7	1	32	91
PED-PAA2	Tower District - Olive Avenue	Pedestrian Activity Areas	Active Transportation	10	4	4	1	19	54
PED-PAA3	Van Ness Avenue - near Fresno City College	Pedestrian Activity Areas	Active Transportation	8	4	4	1	17	49
PED-PAA4	Blackstone Avenue/Abby Street	Pedestrian Activity Areas	Active Transportation	20	4	7	2	33	94
PED-PAA5	Ventura Avenue	Pedestrian Activity Areas	Active Transportation	20	4	6	1	31	89
PED-SA1	Blackstone Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	15	4	7	0	26	74
PED-SA2	Shaw Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	20	4	7	1	32	91
PED-SA3	Shaw Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	20	4	7	2	33	94
PED-SA4	West Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	20	4	6	1	31	89
PED-SA5	First Street	Pedestrian Safety Enhancement Corridors	Active Transportation	20	4	6	3	33	94
PED-SA6	Cedar Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	20	4	6	2	32	91
PED-SA7	Cedar Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	15	4	4	1	24	69
PED-SA8	Kings Canyon Road	Pedestrian Safety Enhancement Corridors	Active Transportation	20	4	7	2	33	94
PED-SA9	Chestnut Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	20	4	6	1	31	89
PED-SA10	Clovis Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	20	4	7	1	32	91
PED-SA11	Butler Avenue	Pedestrian Safety Enhancement Corridors	Active Transportation	15	4	4	2	25	71
B38	Southern Blackstone Avenue Smart Mobility Strategy	Class IV Bikeway	Active Transportation	15	4	7	2	28	80

APPENDIX C

VMT MITIGATION PROJECT LIST AND SCORING

										Weighting										
										50%	10%	10%	10%	10%	10%	100%	$ 22,023,533	9,822
Project ID	Map Number	Project Name	Street Name	From	To	Project Description	Project Category	Project Cost	City/FAX Comments	VMT Reduction score	Connectivity Score	Access and Equity Score	Safety Score	Funding Score	Feasibility Score	Weighted Score	Fee Program Project Costs	VMT Reduction
Transportation Demand Management Projects																		
	1	Mobile Ticketing and Trip Planning App	Citywide			Mobile Ticketing Trip Planning App	TDM	2,500,000									**2,500,000**	-
	2	Transit Marketing Program	Citywide			Transit Marketing Program	TDM	500,000									**500,000**	-
	3	Transportation Demand Management Coordinator	Citywide			Transportation Demand Management Coordinator	TDM	525,960									**525,960**	-
	4	Bike/Pedestrian Trip Trackers	Citywide			Bike/Ped Trip Trackers	TDM	750,000									**750,000**	-
	5	Intermodal Signage	Citywide			Intermodal Signage to connect transit and bicycle/pedestrian networks	TDM	1,250,000									**1,250,000**	-
		VMT Program Coordinator				VMT Program Coordinator		1,500,000									**1,500,000**	-
		VMT Fee Program Document and EIR				VMT Fee Program Document and Environmental Impact Report		500,000									**500,000**	-
Transit Projects																		
T96	6	Frequency enhancement-Route 39	Clinton Ave			Route Enhancement: Three new buses for 15 Minute Frequency on Route 39	Transit	4,500,000	3 buses at $1.25m ea = $3.75 mil (FAX would provide 10-20% match for buses, depending upon state or federal) (Note: the project cost should be increased to reflect the appropriate cost of the buses)	85.92	80.0	76.7	90.9	32.2	50.0	**75.9**	**900,000**	**1311**
T39	7	Accessibility Improvements-Route 34	Southern Industrial Area			Route Extension: 52 new ADA compliant stops for Southern Industrial service expansion-Route 34	Transit	1,700,000	52 stops x $32.5k ea = $1.7m (FAX would provide 20% match for bus stops)	68.18	94.3	90.0	54.5	15.0	100.0	**69.5**	**340,000**	**1041**
T102	8	New route-Bullard Ave	Bullard Ave		Fresno State	New Route: Four new buses and 72 new stops for Bullard Ave Crosstown Route	Transit	7,340,000	72 stops x $32.5k ea = $1.17m (FAX would provide 20% match for bus stops) 4 buses at $1.25 ea = $5 mil (FAX would provide 10-20% match for buses, depending upon state or federal)	74.92	91.4	66.7	90.9	3.8	50.0	**67.7**	**1,468,000**	**1143**
T126	9	New route-Church Ave	Church Ave			New Route: Four new buses and 68 new stops for Church Avenue Crosstown Service	Transit	7,200,000	68 stops x $32.5k ea = $2.2m (FAX would provide 20% match for bus stops) 4 buses at $1.25 ea = $5 mil (FAX would provide 10-20% match for buses, depending upon state or federal)	75.00	91.4	83.3	72.7	3.9	50.0	**67.6**	**1,440,000**	**1145**
T130	10	New route-Willow Ave	Willow Ave	Shields	Clovis Community College	New Route: Four new buses and 68 new stops for service on Willow Avenue from Shields and Clovis Community College	Transit	7,200,000	68 stops x $32.5k ea = $2.2m (FAX would provide 20% match for bus stops) 4 buses at $1.25 ea = $5 mil (FAX would provide 10-20% match for buses, depending upon state or federal)	61.52	25.7	66.7	90.9	3.2	50.0	**54.4**	**1,440,000**	**939**
T47	11	Route Extension, Route 45	Ashlan Ave			Route Extension: 10 new stops to increase service on Route 45 (Note: the 2 buses have already been purchased; the cost of the stop improvements is still needed)	Transit	325,000	10 stops x $32.5k ea = $325k (FAX would provide 20% match for bus stops): 10 new stops to increase service on Route 45 (Note: the 2 buses have already been purchased; the cost of the stop improvements is still needed	42.96	68.6	60.0	90.9	5.7	100.0	**54.0**	**65,000**	**656**
T42	12	Route enhancement-Route 38	Cedar Ave	Herndon	Jensen	Route Enhancement on Route 38 Cedar Ave Transit Signal Priority - Adaptive Signal Control on Cedar from Herndon to Jensen	Transit	13,300,000	TSP plus curb, gutter, and sidewalk improvements as well as striping (FAX would provide 10% match for capital construction, depending upon state or federal) (Approx. $500k/intersection) (Applied for TIRCP, award pending)	3.23	0.0	76.7	90.9	0.1	100.0	**28.4**	**2,660,000**	**49**
T45	13	Service Improvement, Route 32	First Street			Route Enhancement, Frequency? : Six new buses to increase service on Route 32	Transit	7,500,000	6 buses at $1.25 mil ea = $7.5 mil (FAX would provide 10-20% match for buses, depending upon state or federal)	85.92	71.4	76.7	90.9	4.3	100.0	**77.3**	**1,500,000**	**1311**
Bicycle/Pedestrian Projects																		
B17	14	Priority Bikeway Network	Along Herndon No 39 Canal (section on E Shields Ave) to Mill No 36 Canal (section along E McKinley Ave) to N Clovis Ave	N Palm Ave	just north of E Shields Ave	Priority Bikeway Network/Midtown Trail	Bike	14,360,800	Class I -Midtown Trail - Fully Funded	8.58	97.1	73.3	100.0	0.2	100.0	**41.4**	-	**131**
B38	15	Southern Blackstone Improvements	Southern Blackstone Avenue Smart Mobility Strategy	Dakota Avenue	Highway 180	Class IV Bikeway	Bike	53,000,000		0.99	91.4	90.0	80.0	0.0	100.0	**36.6**	-	**15**
PED-SA5	16	Pedestrian Safety Enhancement Corridor	First Street	Dakota Avenue	Ventura Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	5,000,000	Class IV funded Olive to Tulare	20.39	97.1	90.0	94.3	1.5	50.0	**43.5**	**573,500**	**311**
PED-PAA1	17	Pedestrian Activity Areas	Downtown Fresno	South of Divisadero Street	Northeast of Highway 99, Northwest of Highway 41	Pedestrian Activity Areas	Pedestrian	12,281,903	not done	48.72	88.6	96.7	91.4	1.5	50.0	**57.2**	**1,408,734**	**744**
PED-UN14	18	Underserved Neighborhood	North Avenue Neighborhood			Underserved Neighborhoods	Pedestrian	761,400	Ivy underconstruction west of Lee not done Tupman west not done, west done	0.02	82.9	90.0	88.6	0.0	50.0	**31.2**	**87,333**	**0.2**
PED-SA8	19	Pedestrian Safety Enhancement Corridor	Kings Canyon Road/Cesar Chavez Blvd	Cedar Avenue	Clovis Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	2,200,000	County	25.74	97.1	90.0	94.3	4.4	50.0	**46.4**	**252,340**	**393**
PED-UN7	20	Underserved Neighborhood	Florence Avenue	Chestnut	Balderas Elementary School	Underserved Neighborhoods	Pedestrian	1,000,000	CDBG funded	0.01	82.9	90.0	54.3	0.0	50.0	**27.7**	**110,000**	**0.1**
PED-PAA2	21	Pedestrian Activity Areas	Tower District - Olive Avenue	Palm Avenue	Van Ness Avenue	Pedestrian Activity Areas	Pedestrian	4,038,063	Yosemite to Roosevelt completed recently	2.36	77.1	56.7	54.3	0.2	50.0	**25.0**	**463,166**	**36**
PED-UN19	22	Underserved Neighborhood	Yosemite Middle School Neighborhood			Underserved Neighborhoods	Pedestrian	896,904	CDBG funded	0.39	88.6	90.0	91.4	0.2	50.0	**32.2**	-	**6**
PED-PAA4	23	Pedestrian Activity Areas	Blackstone Avenue/Abby Street	Divisadero Street	Shaw Avenue	Pedestrian Activity Areas	Pedestrian	14,265,555		38.76	97.1	96.7	94.3	1.0	50.0	**53.3**	**1,636,259**	**591**
PED-UN17	24	Underserved Neighborhood	Scandinavian Neighborhood			Underserved Neighborhoods	Pedestrian	1,336,020	Sierra Vista complete Remaining long term - Per Streets	0.01	91.4	73.3	91.4	0.0	50.0	**30.6**	**153,241**	**0.2**

										Weighting										
										50%	10%	10%	10%	10%	10%	100%	$ 22,023,533	9,822		
Project ID	Map Number	Project Name	Street Name	From	To	Project Description	Project Category	Project Cost	City/FAX Comments	VMT Reduction score	Connectivity Score	Access and Equity Score	Safety Score	Funding Score	Feasibility Score	Weighted Score	Fee Program Project Costs	VMT Reduction		
Back-Up Projects																				
PED-SA9			Chestnut Avenue	Tulare Street	Butler Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	54,000		8.47	97.1	90.0	88.6	58.8	50.0	**42.7**	**6,194**	**129**		
T49						Mobility as a Service - Explore and Implement Rideshare, Car Share, and Bike Share	Transit	25,000,000	Capital cost assumed by other providers	36.09	94.3	50.0	0.0	0.5	100.0	**42.5**	**-**	**551**		
PED-SA3			Shaw Avenue	Blackstone Avenue	Maple Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	600,000		17.84	97.1	56.7	94.3	11.1	50.0	**39.8**	**68,820**	**272**		
T38						Veterans Home System Expansion - Expand System to California Verterans Home	Transit	2,000,000	Capital cost assumed by other providers	10.70	94.3	83.3	54.5	2.0	100.0	**38.8**	**-**	**163**		
PED-SA6			Cedar Avenue	Dakota Avenue	Belmont Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	4,000,000		9.85	97.1	90.0	91.4	0.9	50.0	**37.9**	**458,800**	**150**		
B26			S Maple Ave	E McKinley Ave	E Church Ave	Priority Bikeway Network	Bike	3,989,400	Class II	1.74	97.1	90.0	80.0	0.2	100.0	**37.6**	**457,584**	**27**		
PED-SA1			Blackstone Avenue	Alluvial Avenue	Sierra Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	725,000	see blackstone smart mobility below	9.86	88.6	90.0	74.3	5.1	50.0	**35.7**	**83,158**	**150**		
PED-SA11			Butler Avenue	First Street	Chestnut Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	2,300,000		9.01	97.1	90.0	71.4	1.5	50.0	**35.5**	**263,810**	**138**		
B5			N Millbrook Ave [0.1 miles on E Bullard Ave]	E Shepherd Ave	E Barstow Ave	Priority Bikeway Network	Bike	621,200	Class II	1.51	97.1	56.7	74.3	0.9	100.0	**33.7**	**71,252**	**23**		
PED-PAA5			Ventura Avenue	Downtown Fresno	Cedar Avenue	Pedestrian Activity Areas	Pedestrian	8,671,392		3.29	88.6	90.0	88.6	0.1	50.0	**33.4**	**994,609**	**50**		
B18			E Dakota Ave	N Maroa Ave	N Millbrook Ave	Priority Bikeway Network	Bike	1,812,600	Class II	0.50	97.1	56.7	77.1	0.1	100.0	**33.4**	**207,905**	**8**		
PED-SA2			Shaw Avenue	Brawley Avenue	Marks Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	50,000	missing near Valentine and Brawley	3.58	71.4	73.3	91.4	26.9	50.0	**33.1**	**5,735**	**55**		
B11			E Barstow Ave	N Millbrook Ave	N Fruit Ave	Priority Bikeway Network	Bike	640,600	Class II	0.77	97.1	63.3	62.9	0.5	100.0	**32.8**	**73,477**	**12**		
B28			N Clovis Ave to Fancher No 6 Canal to Central No 23 Canal	E McKinley Ave & N Clovis Ave	E Church Ave	Priority Bikeway Network	Bike	4,869,100	Class I	0.62	65.7	90.0	62.9	0.0	100.0	**32.2**	**558,486**	**10**		
B16			N Cornelia Ave	W Gettysburg Ave	W McKinley Ave	Priority Bikeway Network	Bike	2,975,200	Class II	0.92	91.4	73.3	51.4	0.1	100.0	**32.1**	**341,255**	**14**		
PED-SA7			Cedar Avenue	Kings Canyon Road	California Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	1,500,000		2.94	91.4	90.0	68.6	0.7	50.0	**31.5**	**172,050**	**45**		
PED-UN9			Hidalgo Elementary School Neighborhood			Underserved Neighborhoods	Pedestrian	1,307,880	S/O 180 to Millbrook done except along 180 fencing	0.13	97.1	90.0	77.1	0.0	50.0	**31.5**	**150,014**	**2**		
PED-UN10			Jane Addams Neighborhood			Underserved Neighborhoods	Pedestrian	479,760	Missing on Marks Floradora to Olive - missing	0.02	82.9	90.0	88.6	0.0	50.0	**31.2**	**55,028**	**0**		
B37			E Church Ave	S Maple Ave	S Peach Ave	Priority Bikeway Network	Bike	1,356,300	Class II	0.10	91.4	90.0	28.6	0.0	100.0	**31.1**	**155,568**	**2**		
B13			W Gettysburg Ave	N Veterans Blvd	N Cornelia Ave	Priority Bikeway Network	Bike	4,374,700	Class II	0.29	85.7	73.3	48.6	0.0	100.0	**30.9**	**501,778**	**4**		
PED-SA10			Clovis Avenue	Tulare Street	East Park Circle Drive	Pedestrian Safety Enhancement Corridors	Pedestrian	324,000	Fancher Creek project	0.94	82.9	73.3	91.4	1.1	50.0	**30.3**	**37,163**	**14**		
PED-UN4			Chestnut/Olive Neighborhood			Underserved Neighborhoods	Pedestrian	807,240	Hammond btw Recreation & Chestnut - missing Recreation - Hammond to Hedges - missing	0.04	77.1	90.0	85.7	0.0	50.0	**30.3**	**92,590**	**1**		
B14			N Valentine Ave to N Emerson Ave to Herndon No. 39 Canal	W Barstow Ave	N Palm Ave	Priority Bikeway Network	Bike	1,793,600	Class I	0.52	97.1	73.3	28.6	0.1	100.0	**30.2**	**205,726**	**8**		
B9			W Bullard Ave to W Sierra Ave to N Dante Ave to W San Jose Ave	Veterans Blvd	N Valentine Ave	Priority Bikeway Network	Bike	3,752,200	Class II	0.98	82.9	56.7	54.3	0.1	100.0	**29.9**	**430,377**	**15**		
PED-SA4			West Avenue	Ashlan Avenue	Shields Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	2,500,000		2.79	88.6	56.7	88.6	0.4	50.0	**29.8**	**286,750**	**43**		
B20			N Maple Ave	E Dakota Ave	E McKinley Ave	Priority Bikeway Network	Bike	544,600	Class II	0.12	97.1	73.3	25.7	0.1	100.0	**29.7**	**62,466**	**2**		
B3			W Audubon Ave to W Nees Ave to Gravel Haul Rd to W Alluvial Ave to Harrison Ave	N Friant Rd	W Herndon Trail	Priority Bikeway Network	Bike	1,126,600	Class I	0.32	88.6	43.3	60.0	0.1	100.0	**29.4**	**129,221**	**5**		
B4			E Shepherd Ave	N Willow Ave	N Friant Rd	Priority Bikeway Network	Bike	480,200	Class I	0.61	91.4	30.0	57.1	0.5	100.0	**28.2**	**55,079**	**9**		
T1						ADA Bus Stop Accessibility Improvements	Transit	1,500,000	High Priority Assuming. $500k per year for 3 years (FAX would provide 20% match for capital construction, assuming federal funding)	0.00	51.4	56.7	71.4	0.0	100.0	**28.0**	**-**	**0**		
PED-UN11			Maple/Church Area			Underserved Neighborhoods	Pedestrian	301,440	not done	0.04	82.9	90.0	48.6	0.0	50.0	**27.2**	**34,575**	**1**		
T19						Systemwide Traffic-Signal Priority	Transit	10,000,000	(Blackstone and Shaw Avenues completed) Cedar Avenue, First Street, Fresno Street, Palm Avenue next priority) TSP plus curb, gutter, and sidewalk improvements as well as striping. Approx. $500k/intersection (FAX would provide 20% match for capital construction, assuming federal funding)	34.37	0.0	43.3	0.0	1.3	50.0	**26.6**	**2,000,000**	**524**		
PED-UN13			Norseman Elementary School Neighborhood			Underserved Neighborhoods	Pedestrian	803,520	not done - longer term/difficult project per Streets	0.02	97.1	56.7	54.3	0.0	50.0	**25.8**	**92,164**	**0**		
PED-UN18			West of Edison Area			Underserved Neighborhoods	Pedestrian	103,260	Geary is not a street	0.01	91.4	90.0	11.4	0.0	50.0	**24.3**	**11,844**	**0**		
PED-PAA3			Van Ness Avenue - near Fresno City College	Olive Avenue	McKinley Avenue	Pedestrian Activity Areas	Pedestrian	2,823,300		1.26	77.1	56.7	48.6	0.2	50.0	**23.9**	**323,832**	**19**		
PED-UN3			Chestnut/Belmont Neighborhood			Underserved Neighborhoods	Pedestrian	920,880	CMAQ Funded	0.02	97.1	56.7	34.3	0.0	50.0	**23.8**	**-**	**0**		
PED-UN16			Roeding Park Neighborhood			Underserved Neighborhoods	Pedestrian	908,184	not done	0.00	74.3	90.0	22.9	0.0	50.0	**23.7**	**104,169**	**0**		
PED-UN6			Del Mar Neighborhood			Underserved Neighborhoods	Pedestrian	1,197,720	Not done	0.01	91.4	56.7	31.4	0.0	50.0	**23.0**	**137,378**	**0**		
T87			Blackstone/Shields			Queue Jump Lane	Transit	1,000,000	FAX not likely to pursue.	0.14	0.0	53.3	72.7	0.1	100.0	**22.7**	**-**	**0**		
PED-UN5			Church/Elm Area			Underserved Neighborhoods	Pedestrian	86,340	Ivy complete	0.09	62.9	76.7	25.7	0.4	50.0	**21.6**	**-**	**1**		
T31						Right of Way Acquisition - For bus to achieve ADA compliance of boarding, alighting and passegner amenities.	Transit	3,000,000	High Priority Assuming $1 mil per year for 3 years (FAX would provide 20% match for capital, assuming federal funding)	0.00	51.4	56.7	0.0	0.0	100.0	**20.8**	**-**	**0**		
T86			Blackstone/Shaw			Queue Jump Lane	Transit	1,000,000	$1m/intersection (FAX would provide 30% match for capital, assuming federal funding)	0.14	0.0	10.0	72.7	0.1	100.0	**18.3**	**300,000**	**2**		
PED-UN8			Herndon/41 Neighborhood			Underserved Neighborhoods	Pedestrian	470,640	Not done	0.06	54.3	43.3	31.4	0.0	50.0	**17.9**	**53,982**	**1**		
PED-UN2			Calimyrna Neighborhood			Underserved Neighborhoods	Pedestrian	545,520	Bullard & Escalon not complete	0.07	48.6	43.3	31.4	0.0	50.0	**17.4**	**62,571**	**1**		
T62						Associated Transit Improvements - Implement Passenger Amenity Improvements for Bus Stations, TIRCP funds for the high frequency network as reflected in the FTIP	Transit	12,000,000	Multiple funding sources. (FAX would provide 0-20% match for capital, depending upon state or federal funding)	0.00	0.0	56.7	0.0	0.0	100.0	**15.7**	**1,200,000**	**0**		
T16						Passenger Amenities	Transit	2,059,000	Multiple funding sources. (FAX would provide 0-20% match for capital, depending upon state or federal funding)	0.00	0.0	16.7	0.0	0.0	100.0	**11.7**	**-**	**0**		
T48						New/Expanded Bus yard Facilities Construction - Purchase property for new bus yard expansion	Transit	150,000,000	(Study is line T26)	0.00	0.0	10.0	0.0	0.0	100.0	**11.0**	**-**	**0**		

										Weighting										
										50%	10%	10%	10%	10%	10%	100%	$ 22,023,533	9,822		
Project ID	Map Number	Project Name	Street Name	From	To	Project Description	Project Category	Project Cost	City/FAX Comments	VMT Reduction score	Connectivity Score	Access and Equity Score	Safety Score	Funding Score	Feasibility Score	Weighted Score	Fee Program Project Costs	VMT Reduction		
T50						Real Time Passenger Information - Real Time Bus Arrival and Departure	Transit	3,000,000	FAX would provide 10-20% match for capital, depending upon state or federal)	0.00	0.0	10.0	0.0	0.0	100.0	11.0	-	0		
T55						Back-Up Energy Storage - Large Scale Energy Storage for Backup and Emergency Power for EV Chargers	Transit	10,000,000		0.00	0.0	10.0	0.0	0.0	100.0	11.0	-	0		
T57						Ambassador Program - Travel Training Program for Schools and other Social Services	Transit	500,000	$500k/ year. Revisit to see if this can reduce VMTs. High priority. FAX would provide 10-20% match for capital, depending upon state or federal)	0.00	0.0	10.0	0.0	0.0	100.0	11.0	-	0		
T58						Enhanced Marketing Public Outreach - Outreach of Service Expansions	Transit	1,000,000	$1 million/ year. Revisit to see if this can reduce VMTs. High priority. FAX would provide 10-20% match for capital, depending upon state or federal)	0.00	0.0	10.0	0.0	0.0	100.0	11.0	-	0		
T63						Bike Racks - on FAX Buses	Transit	250,000		0.00	0.0	10.0	0.0	0.0	100.0	11.0	-	0		
T64						Zero Emissions Buses and Supporting Infrastructure - Purchase Zero Emission Buses and Supporting Infrastructure to replace current Fleet	Transit	250,000,000		0.00	0.0	10.0	0.0	0.0	100.0	11.0	-	0		
T65						Zero Emissions Buses and Supporting Infrastructure - Purchase Zero Emission Buses and Supporting Infrastructure for transit expansion	Transit	125,000,000		0.00	0.0	10.0	0.0	0.0	100.0	11.0	-	0		
T134						Purchase and develop land in support of revitalization and mixed-use development along high capacity/high frequency transit corridors.	Transit	5,000,000		0.00	0.0	10.0	0.0	0.0	50.0	6.0	-	0		
T69						Transit Security Projects - Implement Security and Safety Projects on buses and at transit stations, access control, video surveillance, lighting, fire safety, etc.	Transit	20,000,000		0.00	0.0	10.0	0.0	0.0	50.0	6.0	-	0		

APPENDIX D

CAPITAL IMPROVEMENT PROJECTS

(Capital Improvement Program Forthcoming)

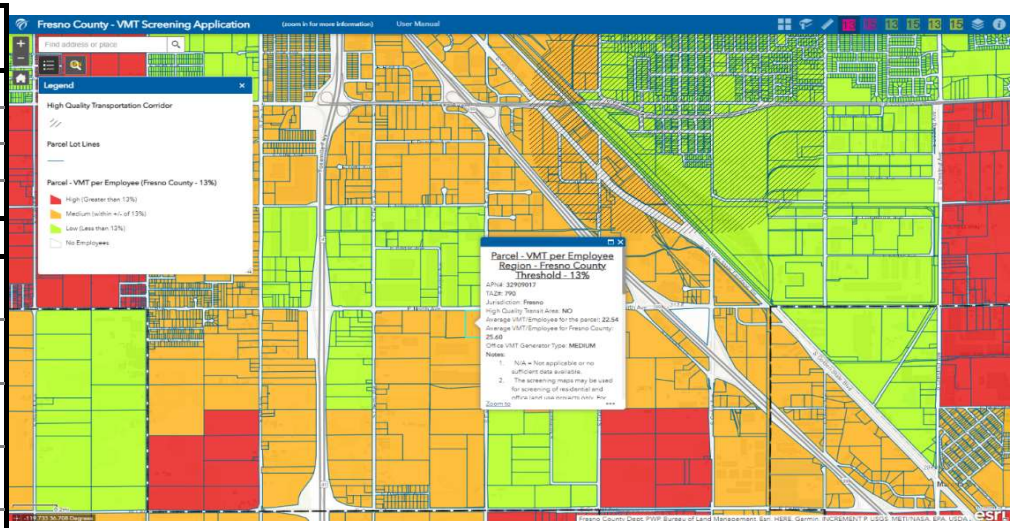
										$ 22,023,533
Project ID	**Project Name**	**Street Name**	**From**	**To**	**Project Description**	**Project Category**	**Project Cost**	**City/FAX Comments**	**Non-Fee Funding**	**Fee Program Project Costs**
Transportation Demand Management Projects										
	Mobile Ticketing and Trip Planning App	Citywide			Mobile Ticketing Trip Planning App	TDM	2,500,000		-	**2,500,000**
	Transit Marketing Program	Citywide			Transit Marketing Program	TDM	500,000		-	**500,000**
	Transportation Demand Management Coordinator	Citywide			Transportation Demand Management Coordinator	TDM	525,960		-	**525,960**
	Bike/Pedestrian Trip Trackers	Citywide			Bike/Ped Trip Trackers	TDM	750,000		-	**750,000**
	Intermodal Signage	Citywide			Intermodal Signage to connect transit and bicycle/pedestrian networks	TDM	1,250,000		-	**1,250,000**
	VMT Program Coordinator				VMT Program Coordinator		1,500,000		-	**1,500,000**
	VMT Fee Program Document and EIR				VMT Fee Program Document and Environmental Impact Report		500,000		-	**500,000**
Transit Projects										
T96	Frequency enhancement-Route 39	Clinton Ave			Route Enhancement: Three new buses for 15 Minute Frequency on Route 39	Transit	4,500,000	3 buses at $1.25m ea = $3.75 mil (FAX would provide 10-20% match for buses, depending upon state or federal) (Note: the project cost should be increased to reflect the appropriate cost of the buses)	3,600,000	**900,000**
T39	Accessibility Improvements-Route 34	Southern Industrial Area			Route Extension: 52 new ADA compliant stops for Southern Industrial service expansion-Route 34	Transit	1,700,000	52 stops x $32.5k ea = $1.7m (FAX would provide 20% match for bus stops)	1,360,000	**340,000**
T102	New route-Bullard Ave	Bullard Ave		Fresno State	New Route: Four new buses and 72 new stops for Bullard Ave Crosstown Route	Transit	7,340,000	72 stops x $32.5k ea = $1.17m (FAX would provide 20% match for bus stops) 4 buses at $1.25 ea = $5 mil (FAX would provide 10-20% match for buses, depending upon state or federal)	5,872,000	**1,468,000**
T126	New route-Church Ave	Church Ave			New Route: Four new buses and 68 new stops for Church Avenue Crosstown Service	Transit	7,200,000	68 stops x $32.5k ea = $2.2m (FAX would provide 20% match for bus stops) 4 buses at $1.25 ea = $5 mil (FAX would provide 10-20% match for buses, depending upon state or federal)	5,760,000	**1,440,000**
T130	New route-Willow Ave	Willow Ave	Shields	Clovis Community College	New Route: Four new buses and 68 new stops for service on Willow Avenue from Shields and Clovis Community College	Transit	7,200,000	68 stops x $32.5k ea = $2.2m (FAX would provide 20% match for bus stops) 4 buses at $1.25 ea = $5 mil (FAX would provide 10-20% match for buses, depending upon state or federal)	5,760,000	**1,440,000**
T47	Route Extension, Route 45	Ashlan Ave			Route Extension: 10 new stops to increase service on Route 45 (Note: the 2 buses have already been purchased; the cost of the stop improvements is still needed)	Transit	325,000	10 stops x $32.5k ea = $325k (FAX would provide 20% match for bus stops): 10 new stops to increase service on Route 45 (Note: the 2 buses have already been purchased; the cost of the stop improvements is still needed	260,000	**65,000**
T42	Route enhancement-Route 38	Cedar Ave	Herndon	Jensen	Route Enhancement on Route 38 Cedar Ave Transit Signal Priority - Adaptive Signal Control on Cedar from Herndon to Jensen	Transit	13,300,000	TSP plus curb, gutter, and sidewalk improvements as well as striping (FAX would provide 10% match for capital construction, depending upon state or federal) (Approx. $500k/intersection) (Applied for TIRCP, award pending)	10,640,000	**2,660,000**
T45	Service Improvement, Route 32	First Street			Route Enhancement, Frequency? : Six new buses to increase service on Route 32	Transit	7,500,000	6 buses at $1.25 mil ea = $7.5 mil (FAX would provide 10-20% match for buses, depending upon state or federal)	6,000,000	**1,500,000**
Bicycle/Pedestrian Projects										
B17	Priority Bikeway Network	Along Herndon No 39 Canal (section on E Shields Ave) to Mill No 36 Canal (section along E McKinley Ave) to N Clovis Ave	N Palm Ave	just north of E Shields Ave	Priority Bikeway Network/Midtown Trail	Bike	14,360,800	Class I -Midtown Trail - Fully Funded	14,360,800	-
B38	Southern Blackstone Improvements	Southern Blackstone Avenue Smart Mobility Strategy	Dakota Avenue	Highway 180	Class IV Bikeway	Bike	53,000,000		53,000,000	-
PED-SA5	Pedestrian Safety Enhancement Corridor	First Street	Dakota Avenue	Ventura Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	5,000,000	Class IV funded Olive to Tulare	4,426,500	**573,500**
PED-PAA1	Pedestrian Activity Areas	Downtown Fresno	South of Divisadero Street	Northeast of Highway 99, Northwest of Highway 41	Pedestrian Activity Areas	Pedestrian	12,281,903	not done	10,873,169	**1,408,734**
PED-UN14	Underserved Neighborhood	North Avenue Neighborhood			Underserved Neighborhoods	Pedestrian	761,400	Ivy underconstruction west of Lee not done Tupman west not done, west done	674,067	**87,333**
PED-SA8	Pedestrian Safety Enhancement Corridor	Kings Canyon Road/Cesar Chavez Blvd	Cedar Avenue	Clovis Avenue	Pedestrian Safety Enhancement Corridors	Pedestrian	2,200,000	County	1,947,660	**252,340**
PED-UN7	Underserved Neighborhood	Florence Avenue	Chestnut	Balderas Elementary School	Underserved Neighborhoods	Pedestrian	1,000,000	CDBG funded	890,000	**110,000**
PED-PAA2	Pedestrian Activity Areas	Tower District - Olive Avenue	Palm Avenue	Van Ness Avenue	Pedestrian Activity Areas	Pedestrian	4,038,063	Yosemite to Roosevelt completed recently	3,574,897	**463,166**
PED-UN19	Underserved Neighborhood	Yosemite Middle School Neighborhood			Underserved Neighborhoods	Pedestrian	896,904	CDBG funded	896,904	-
PED-PAA4	Pedestrian Activity Areas	Blackstone Avenue/Abby Street	Divisadero Street	Shaw Avenue	Pedestrian Activity Areas	Pedestrian	14,265,555		12,629,296	**1,636,259**
PED-UN17	Underserved Neighborhood	Scandinavian Neighborhood			Underserved Neighborhoods	Pedestrian	1,336,020	Sierra Vista complete Remaining long term - Per Streets	1,182,779	**153,241**

APPENDIX E

SAMPLE FEE CALCULATIONS

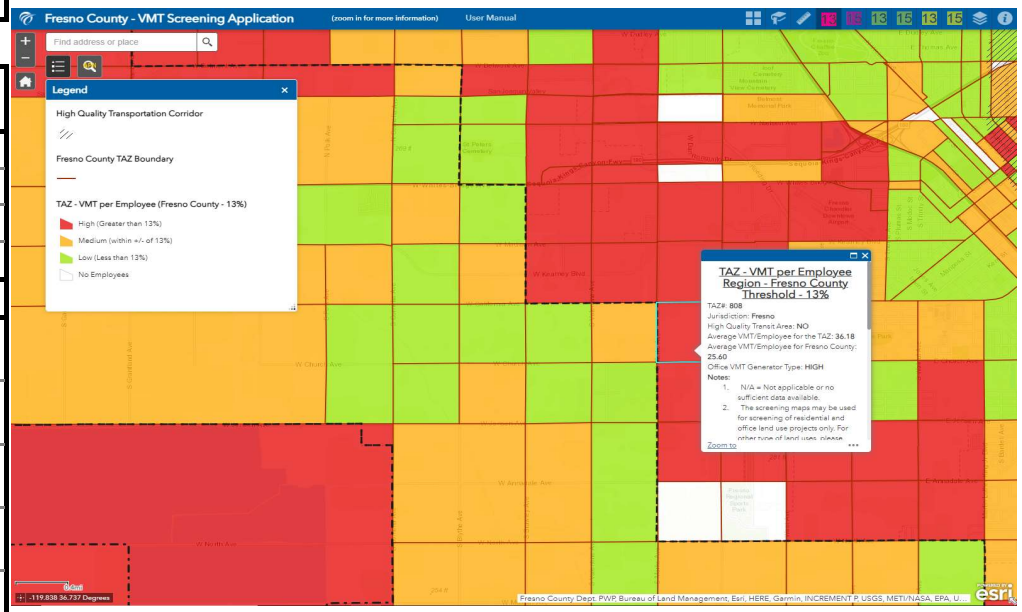
Industrial Facility - VMT Analysis

2019	Mitigation Fee
Project Non-Retail Square Footage (TSF) (a)	900
Project employment (b)	307
Project VMT per employee ('c)	29.6
VMT per employee Threshold (d) *	25.6
Project excess VMT per employee (e =c-d)	4.0
Total Project excess VMT (f=e*b)	**1,228**
Fee per 1 mile of VMT reduction (g)	$ 295
Total VMT reduction fees (h=g*b)	$ 362,260
VMT reduction fees per KSF (i=h/a)	**$ 403**



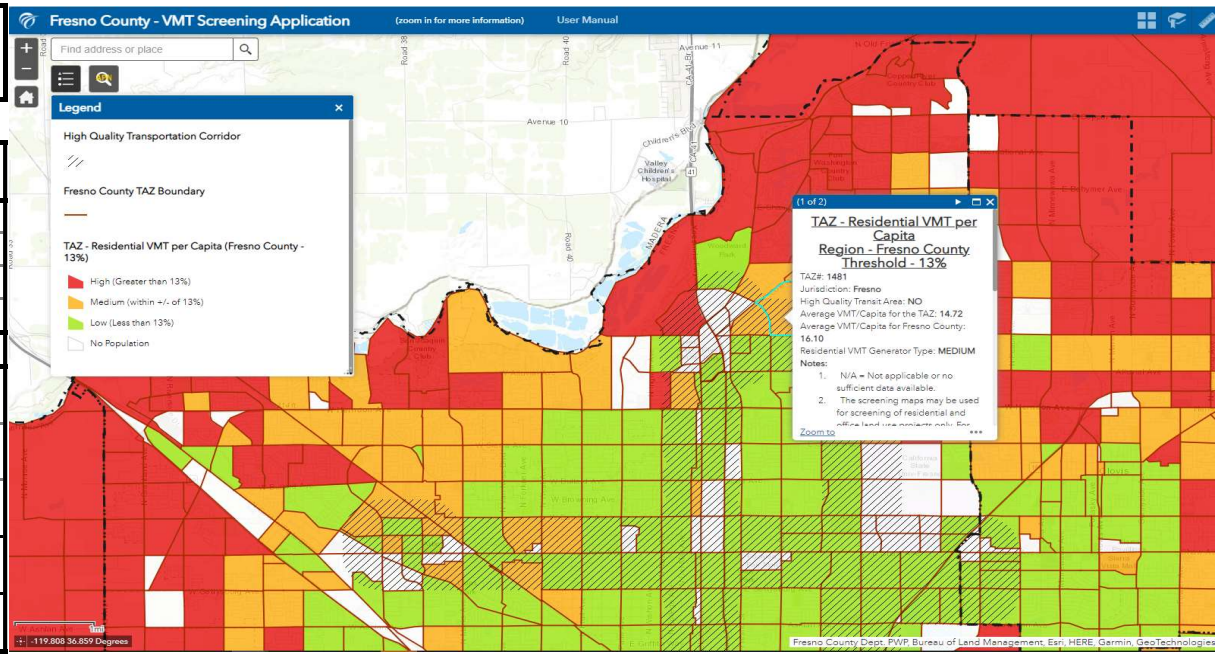
Medical Building - VMT Analysis

2019	Mitigation Fee
Project Non-Retail Square Footage (TSF) (a)	150
Project employment (b)	406
Project VMT per employee ('c)	27.8
VMT per employee Threshold (d) *	25.6
Project excess VMT per employee (e =c-d)	2.2
Total Project excess VMT (f=e*b)	**893**
Fee per 1 mile of VMT reduction (g)	$ 295
Total VMT reduction fees (h=g*b)	$ 263,378
VMT reduction fees per KSF (i=h/a)	**$ 1,756**



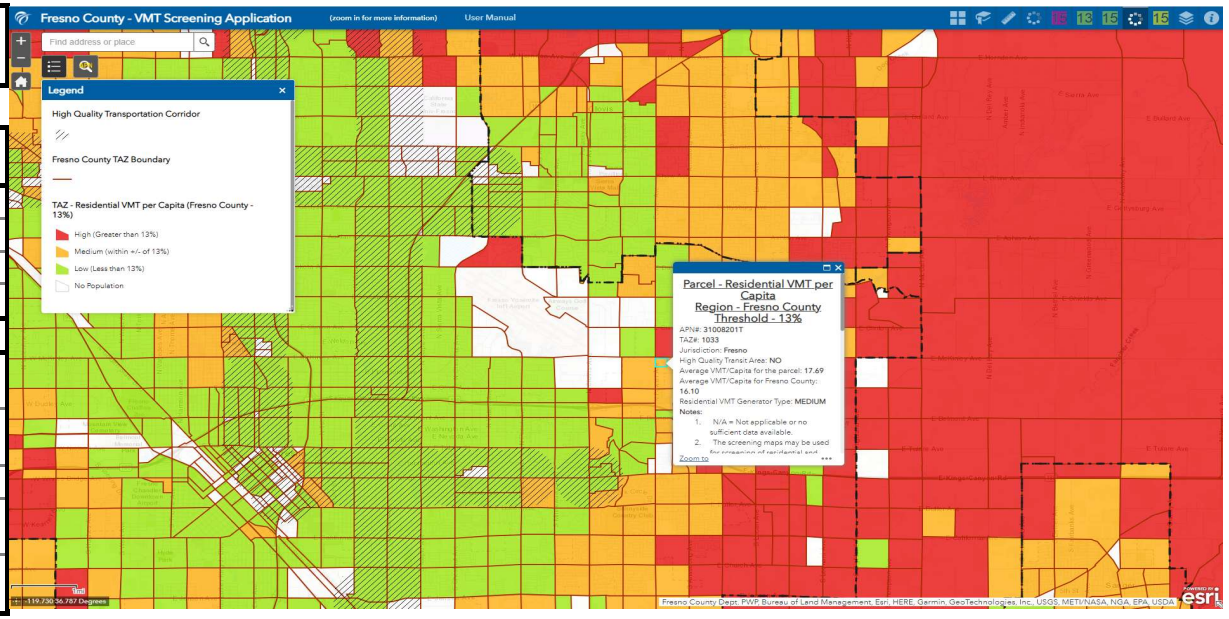
Multi Family Residential Development - VMT Analysis

2019	Mitigation Fee
Project Households (a)	150
Project Population (b)	518
Project VMT per capita ('c)	14.3
VMT per capita Threshold (d) *	14.0
Project excess VMT per capita (e =c-d)	0.3
Total Project excess VMT (f=e*b)	**155**
Fee per 1 mile of VMT reduction (g)	$ 295
Total VMT reduction fees (h=g*b)	$ 45,815
VMT reduction fees per household (i=h/a)	**$ 305**



Single Family Residential Development - VMT Analysis

2019	Mitigation Fee
Project Households (a)	200
Project Population (b)	610
Project VMT per capita ('c)	17.6
VMT per capita Threshold (d) *	14.0
Project excess VMT per capita (e =c-d)	3.6
Total Project excess VMT (f=e*b)	**2,196**
Fee per 1 mile of VMT reduction (g)	$ 295
Total VMT reduction fees (h=g*b)	$ 647,809
VMT reduction fees per household (i=h/a)	**$ 3,239**



7354 N Abbey St Retail Development - VMT Analysis

Within entire Fresno County

2019	Mitigation Fee
Project Retail Square Footage (TSF) (a)	100
Roadway VMT with project (b)	22,846,893
Roadway VMT without project (c)	22,843,672
Total Project excess VMT (d=b-c)	**3,221**
Fee per 1 mile of VMT reduction ('e)	$ 295
Total VMT reduction fees (f=d*e)	$ 950,068
VMT reduction fees per TSF (g=f/a)	**$ 9,501**