

DEPARTMENT – TRANSPORTATION

FEE – TRAFFIC REDUCTION AND TRANSPORTATION IMPROVEMENT FEE (TR/TIF)

(A) A brief description of the type of fee in the account or fund:

The Traffic Reduction and Transportation Improvement Fee (TR/TIF) was established in November 2006, updated in July 2017, to help mitigate the traffic impacts of new commercial and industrial development on the City’s transportation infrastructure. Fees collected from the TR/TIF funds the implementation or construction of transportation improvements in support of livability, neighborhood protection, and mobility goals as identified in the current City’s General Plan Land Use and Mobility Elements.

(B) The amount of the fee:

Land Use	Unit	Current Fee
Industrial	Net new square feet	\$1.19
Retail	Net new square feet	\$11.46
Office	Net new square feet	\$8.63
Multi-family Residential	Net new dwelling unit	\$3,662.53
Single Family Residential	Net new dwelling unit	\$9,459.09

(C) The beginning and ending balance of the account or fund:

Refer to Table 1 below.

(D) The amount of the fees collected and the interest earned:

Refer to Table 1 below.

Fiscal Year	Beginning Fund Balance (a)	Fees Collected (b)	Interest Earned (c)	Transfers Out – Expenses (d)	Ending Fund Balance (a)+(b)+(c)-(d)
2021	\$5,399,388	\$205,776	\$20,617	\$787,216	\$4,838,565

(E) An identification of each public improvement on which fees were expended and the amount of the expenditures on each improvement, including the total percentage of the cost of the public improvement that was funded with fees:

Refer to Table 2 (Annual Plan) below.

(F) An identification of an approximate date by which the construction of the public improvement will commence if the local agency determines that sufficient funds

have been collected to complete financing on an incomplete public improvement, as identified in paragraph (2) of subdivision (a) of Section 66001, and the public improvement remains incomplete.

Refer to Table 2 (Annual Plan) below. N/A indicates projects that do not include construction.

- (G) A description of each inter-fund transfer or loan made from the account or fund, including the public improvement on which the transferred or loaned fees will be expended, and, in the case of an inter-fund loan, the date on which the loan will be repaid, and the rate of interest that the account or fund will receive on the loan.**

No loans were made during the fiscal year from this TR/TIF Fund. Please see (E) in Table 2 (Annual Plan) below for all the Transfers Out (Expenses) from the TR/TIF Fund to the Capital Projects Fund.

- (H) The amount of refunds made pursuant to subdivision (e) of Section 66001 and any allocation pursuant of subdivision (f) of Section 66001.**

No refunds made during the fiscal year from this TR/TIF Fund.

Additional information is being provided regarding this fee to comply with Government Code 66001:

- (1) Identification of the purpose to which the reportable fees are to be put.**

Fees collected from the TR/TIF funds the implementation or construction of transportation improvements in support of livability, neighborhood protection, and mobility goals as identified in the current City's General Plan Land Use and Mobility Elements.

- (2) Identification of a reasonable relationship between the reportable fees and the purpose for which they are charged.**

A list of current eligible transportation improvements is incorporated in Attachment A of the "Amendment to Municipal Code Section 4.19 – Traffic Reduction and Transportation Improvement Fee" Council Agenda report dated July 24, 2017.

- (3) Identification of all the City sources and amounts of funding to complete financing of the projects as identified by the City.**

Refer to Table 2 (Annual Plan) below.

- (4) Identification of the approximate dates on which the funding referred to in item C is expected to be deposited into the appropriate account or fund.**

Refer to Table 2 (Annual Plan) below.

Table 2		FY 2021 Development Impact Fees									
Project Number	Project Name	Project Phase	Estimated Construction Start Date (F)	Estimated Project Cost	FY 2021 Impact Fee Expenditures (E)	FY 2021 Total All Expenditures for the Project	Impact Fee Appropriations through FY 2021 (H.3)	Total All Appropriations through FY 2021 (H.3)	% of Project Funded with Impact Fee to date (E)	Impact Fee Funding deposit date (H.4)	Other Funding Sources (H.3)
75047	Pedestrian Safety Enhancements at Signalized Intersections	Construction	FY 2022	\$ 1,204,660	\$ 2,692	\$ 11,451	\$ 185,000	\$ 1,204,160	15%	FY 2020	HSIP Grant, Old Pasadena Parking Meter Fund, Measure R Local Return Fund, Private Capital
75052	Complete Streets - Cordova St	Planning & Design	FY 2022	\$ 4,076,342	\$ 51,502	\$ 51,502	\$ 100,000	\$ 4,076,342	2%	FY 2019	Gas Tax, Measure R Local Return Fund, Federal Transportation Earmark, MTA, Private Capital, Sewer Fund
75087	Complete Streets - Union Street Cycle Track Phase I	Planning & Design	FY 2022	\$ 8,277,877	\$ 74,971	\$ 254,064	\$ 924,400	\$ 7,840,877	11%	FY 2019 & FY 2021	MTA CMAQ Grant, ATP Grants, Measure R Local Return Fund, Gas Tax, Augmented 2017 SCAGG, Private Capital, Gas Tax
75089	Safety Enhancements at Lincoln/Forest and Lincoln/Mountain	Completed	FY 2020	\$ 1,275,000	\$ 25,327	\$ 25,327	\$ 395,000	\$ 1,069,040	31%	FY 2018	HSIP Grant, Measure R Local Return Fund
75090	Left Turn Signal Phasing at Fair Oaks and Colorado	Construction	FY 2022	\$ 160,000	\$ 48,967	\$ 48,967	\$ 120,000	\$ 160,000	75%	FY 2017	Old Pasadena Parking Meter Fund
75094	Implement Bus Signal Priority System on Pasadena Transit Buses	Planning & Design	FY 2022	\$ 1,447,191	\$ 6,718	\$ 139,717	\$ 46,320	\$ 1,447,191	3%	FY 2018	MTA Prop C Grant, Prop A Capital Reserve
75095	Adaptive Traffic Control Network Phase II	Planning & Design	FY 2022	\$ 2,071,766	\$ 33,209	\$ 137,858	\$ 414,353	\$ 2,071,766	20%	FY 2018	MTA Prop C Grant
75105	Lake Ave. Traffic and Pedestrian Safety Enhancements from Mountain St to Maple Ave. Concept Study	Planning & Design	TBD	\$ 200,000	\$ 88,590	\$ 88,590	\$ 200,000	\$ 200,000	100%	FY 2020	
75107	Complete Streets Project - Mountain St at Sierra Bonita Ave. and Sinaloa Ave. - Design Phase	Planning & Design	TBD	\$ 200,000	\$ 4,348	\$ 4,348	\$ 200,000	\$ 200,000	100%	FY 2020	
75108	Traffic Signal Safety Enhancements at Intersections Lake Ave. at Corson St. and Maple St.	Planning & Design	FY 2022	\$ 125,000	\$ 56	\$ 56	\$ 125,000	\$ 125,000	100%	FY 2020	
75109	Left Turn Signal Phasing at San Gabriel Blvd. and California Blvd.	Construction	FY 2021	\$ 175,000	\$ 126,240	\$ 126,240	\$ 175,000	\$ 175,000	100%	FY 2020 & FY 2021	
75110	Left Turn Phasing at Fair Oaks Ave. and Bellefontaine St.	Construction	FY 2021	\$ 90,000	\$ 79,278	\$ 79,278	\$ 90,000	\$ 90,000	100%	FY 2020	
75112	Pedestrian Crossing (FY2021-2025)	Planning & Design	TBD	\$ 1,877,481	\$ -	\$ 102,179	\$ 75,000	\$ 1,877,481	4%	FY 2021	Gas Tax, Reserve for Key Projects, Community Development Grant, HSIP Grant
75114	Citywide Complete Street Program (FY 2021-2025)	Construction	Ongoing	\$ 874,915	\$ 20,230	\$ 143,973	\$ 50,000	\$ 299,915	6%	FY 2021	Gas Tax, Measure R Transportation Fund
75118	Mobility Corridor Improvements FY 2016-2020	Planning & Design	TBD	\$ 462,144	\$ -	\$ 43,041	\$ 70,778	\$ 162,144	15%	FY 2021	Gas Tax
75602	Implementation of Citywide Transportation Performance Monitoring Network	Planning & Design	TBD	\$ 3,182,428	\$ -	\$ -	\$ 200,000	\$ 586,928	6%	FY 2020 & FY 2021	Gas Tax, Private Capital
75701	ITS Phase I - TMC and Transit Vehicle Arrival Information System	Construction	FY 2021	\$ 3,959,350	\$ 60,885	\$ 97,872	\$ 800,000	\$ 3,959,350	20%	FY 2020 & FY 2021	Measure R Local Return, Measure R Transportation Fund, MTA Grants, SAFTEA-LU Grant, FTA Grant
75707	Transit Maintenance Facility	Planning & Design	TBD	\$ 31,364,388	\$ 125,108	\$ 125,108	\$ 2,185,000	\$ 2,185,000	7%	FY 2015 & FY 2016	MTA Multi-Year Subregional Program, Private Capital
75911	ITS Master Plan Implementation Phase III	Construction	FY 2021	\$ 5,417,565	\$ -	\$ 494,965	\$ 336,243	\$ 5,417,565	6%	FY 2016	MTA Grant - Prop. C, Gas Fund, Measure R Local Return, Private Capital
75912	ITS Phase I - Parking Guidance	Planning & Design	TBD	\$ 698,711	\$ 8,804	\$ 8,804	\$ 150,000	\$ 698,711	21%	FY 2020	SAFTEA-LU Grant
75913	ITS Phase I - Video Detection System and Fiber Optic Communication	Construction	FY 2020	\$ 710,900	\$ 30,291	\$ 73,010	\$ 220,000	\$ 710,900	31%	FY 2020	SAFTEA-LU Grant
Total				\$ 67,850,718	\$ 787,216	\$ 2,056,350	\$ 7,062,094	\$ 34,557,370			

Attachment A - List of Transportation Improvements Funded Through the Fee

No.	Allocation	Category	Project Description	Preliminary Project Costs (Original Needs List)	% Funded by Impact Fee Program*	Final Project Costs (paid for by Fee Program)	Source
1	NEW DEVELOPMENT ONLY	Local Transit Improvements	New Buses to Support General Plan (net over existing)	\$98,872,426	100.0%	\$98,872,426	2015 General Plan-Mobility Element
2	NEW DEVELOPMENT ONLY	Local Transit Improvements	Facility to Support General Plan (net over current proposed)	\$20,000,000	100.0%	\$20,000,000	2015 General Plan-Mobility Element
3	NEW DEVELOPMENT ONLY	Complete Streets	Citywide Complete Streets Program FY 2016 - 2020 (75076)	\$750,000	100.0%	\$750,000	2015 General Plan-Mobility Element
4	NEW DEVELOPMENT ONLY	Complete Streets	Complete Streets Project - Lida Street between Knollwood Dr. and Lancashire Pl. (75074)	\$400,000	100.0%	\$400,000	2015 General Plan-Mobility Element
5	NEW DEVELOPMENT ONLY	Complete Streets	Complete Streets Project - Avenue 64 from Colorado Blvd to South City Limits (75077)	\$552,000	100.0%	\$552,000	2015 General Plan-Mobility Element
6	NEW DEVELOPMENT ONLY	Complete Streets	Complete Streets Project - El Molino Avenue and Alpine Street Intersection Configuration (75088)	\$94,000	100.0%	\$94,000	2015 General Plan-Mobility Element
7	NEW AND EXISTING	Complete Streets	Washington Road Diet	\$870,000	8.6%	\$74,887	
8	NEW AND EXISTING	Complete Streets	Orange Grove Road Diet	\$2,300,000	8.6%	\$197,978	
9	NEW AND EXISTING	Traffic Ops	Intelligent Transportation System (ITS) Project - Phase I(75701)	\$4,198,961	8.6%	\$361,436	Pasadena ITS Master Plan Framework Final Report
10	NEW AND EXISTING	Traffic Ops	Detection of Bicycles at Intersections Controlled by Traffic Signals (75043)	\$2,494,505	8.6%	\$214,721	Pasadena ITS Master Plan Framework Final Report
11	NEW AND EXISTING	Traffic Ops	Gold Line Phase I - Project Enhancements (75506)	\$6,686,908	8.6%	\$575,593	Pasadena ITS Master Plan Framework Final Report
12	NEW AND EXISTING	Traffic Ops	Mobility Corridor Improvements FY 2016 - 2020 (75079)	\$274,000	8.6%	\$23,585	Pasadena ITS Master Plan Framework Final Report
13	NEW AND EXISTING	Traffic Ops	Traffic Signal Indication Safety Improvements - Phase II(75709)	\$770,000	8.6%	\$66,280	Pasadena ITS Master Plan Framework Final Report
14	NEW AND EXISTING	Traffic Ops	Left Turn Signal Phasing at Fair Oaks Ave and Colorado Blvd	\$160,000	8.6%	\$13,772	Pasadena ITS Master Plan Framework Final Report
15	NEW AND EXISTING	Traffic Ops	Mobility Corridors - Rose Bowl Access Systems (75084)	\$1,623,000	8.6%	\$139,704	Pasadena ITS Master Plan Framework Final Report
16	NEW AND EXISTING	Traffic Ops	Intelligent Transportation System (ITS) Equipment Upgrades/Replacement - FY 2016 - 2020 (75078)	\$375,000	8.6%	\$32,279	Pasadena ITS Master Plan Framework Final Report
17	NEW AND EXISTING	Traffic Ops	Implementation of Citywide Transportation Performance Monitoring Network (75602)	\$3,132,428	8.6%	\$269,632	Pasadena ITS Master Plan Framework Final Report
18	NEW AND EXISTING	Traffic Ops	Intelligent Transportation System (ITS) Master Plan Implementation Phase III (75911)	\$5,417,565	8.6%	\$466,331	Pasadena ITS Master Plan Framework Final Report
19	NEW AND EXISTING	Traffic Ops	Upgrade Traffic Signal Heads on One-Way Streets (75050)	\$384,500	8.6%	\$33,097	Pasadena ITS Master Plan Framework Final Report
20	NEW AND EXISTING	Traffic Ops	Implement Bus Signal Priority System on Pasadena Transit Buses	\$1,447,191	8.6%	\$124,571	Pasadena ITS Master Plan Framework Final Report
21	NEW AND EXISTING	Traffic Ops	Adaptive Traffic Control Network - Phase II	\$2,502,572	8.6%	\$215,415	Pasadena ITS Master Plan Framework Final Report
22	NEW AND EXISTING	Traffic Ops	Traffic Signal - Orange Grove Blvd. at Sunnyslope Ave.	\$500,000	8.6%	\$43,039	Pasadena ITS Master Plan Framework Final Report
23	NEW AND EXISTING	Traffic Ops	Traffic Signal - Electronic Dr. and Sierra Madre Villa Blvd.	\$500,000	8.6%	\$43,039	Pasadena ITS Master Plan Framework Final Report
24	NEW AND EXISTING	Traffic Ops	Replacement of Aging Video Detection Systems	\$510,000	8.6%	\$43,900	Pasadena ITS Master Plan Framework Final Report
25	NEW AND EXISTING	Traffic Ops	Traffic Signal Improvements at Garfield Ave and Washington Blvd	\$485,000	8.6%	\$41,748	Pasadena ITS Master Plan Framework Final Report
26	NEW AND EXISTING	Traffic Ops	Actuated Traffic Signal Upgrade (CIP)	\$5,600,000	8.6%	\$482,034	
27	NEW AND EXISTING	Bike Plan	Pasadena Bicycle Program	\$12,300,000	8.6%	\$1,058,754	Pasadena Bicycle Master Plan
28	NEW AND EXISTING	Pedestrian Improvements	Pedestrian Improvements for Old Pasadena and Playhouse District	\$5,628,740	8.6%	\$484,508	Old Pasadena and Playhouse District Specific Plans
29	NEW AND EXISTING	Pedestrian Improvements	ADA ramp improvements	\$21,000,000	8.6%	\$1,807,628	ADA Transition Plan
Total Transportation Improvement Project Cost:				\$199,828,796		\$127,482,356	

* Percentage developed as a fair-share of the proportion of VMT attributable to new development versus total 2035 VMT

Note: This Project Cost Estimate sheet reflects comments/revisions by City of Pasadena staff on January 17, 2017