#### RESOLUTION NO. 2017-11

A RESOLUTION of the City Council of the City of Lakewood, Washington, adopting a Six-Year Comprehensive Transportation Improvement Program for 2018 through 2023.

WHEREAS, pursuant to Section 35.77.010 of the Revised Code of Washington, cities are required to adopt and annually update a six-year Transportation Improvement Program as part of a coordinated transportation program; and,

WHEREAS, a public hearing was held before the Lakewood City Council at a meeting on May 15, 2017, to hear and receive public comment on the proposed, updated six-year program; and,

WHEREAS, the 2018-2023 Program was developed under the guidance of the Planning Commission and was sent to the Chamber of Commerce, neighborhood associations, Rotary clubs, utility providers, Pierce Transit, Clover Park School District, Clover Park Technical College, Pierce College, and other recognized groups and organizations in Lakewood soliciting comments prior to the public hearing; and,

WHEREAS, after considering all of the information presented the City Council finds that prioritized road and street capital improvement projects are essential to proper planning and the improvement of transportation within the City, and that planning as provided under the RCW is necessary to obtain available state and federal funding.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF LAKEWOOD, WASHINGTON HEREBY RESOLVES, as Follows:

Section 1. That the Six-Year Comprehensive Transportation Improvement Program for 2018 through 2023, a copy of which is attached hereto and incorporated by reference, is adopted, and that the City Council authorizes the City Manager or designee to use the same in applications for grant funding for transportation related projects, and further authorizes the City Manager or designee to apply for such grants based thereon.

Section 2. That this Resolution shall be in full force and effect upon passage and signatures herein.

PASSED by the City Council this 5th day of June, 2017.

CITY OF LAKEWOOD

Don Anderson, Mayor

Attest:

Alice M. Bush, MMC, City Clerk

Approved as to Form:

Heidi Ann Wachter, City Attorney



# CITY OF LAKEWOOD

SIX-YEAR COMPREHENSIVE TRANSPORTATION IMPROVEMENT PROGRAM 2018-2023

-- Final: 6/5/2017 --

## **PREFACE**

Chapters 35.77.010 of the Revised Code of Washington (RCW) provide that each city shall annually update its Six-Year Comprehensive Transportation Program (Program) and file a copy of the adopted Program with the Secretary of the Washington State Department of Transportation (WSDOT) by July 1 of each year. The Program is necessary to allow cities and counties to obtain State and Federal funding. For a project to obtain funding from the State, it must appear in the agency's current Program. Because the state also disperses federal highway funds, this requirement applies to federally funded projects as well.

RCW 35.77.010 also requires each city to specifically set forth those projects and programs of regional significance for inclusion in the transportation improvement program for that region.

The Program is based upon anticipated revenues versus desirable projects. There are always more projects than available revenues. Therefore, a primary objective of the Program is to integrate the two to produce a comprehensive, realistic program for the orderly development and preservation of our street system.

Several important points must be considered during the review of the proposed Program. The early years of the Program are fairly definite; that is, it can be assumed that those projects will be constructed as scheduled. Projects in the later years are more flexible and may be accelerated, delayed or canceled as funding and conditions change.

It is also important to note that the adoption of the Program does not irreversibly commit the City of Lakewood to construct the projects. A project may be canceled at any time during the course of study or design. The usual reasons for canceling a project are that it is environmentally unacceptable or contrary to the best interests of the community as a whole. The Program may at any time be revised by a majority of the City Council, but only after a public hearing.

## **CONSISTENCY WITH LAND USE MANAGEMENT PLAN**

The State's Growth Management Act (GMA) requires local governments to develop and adopt comprehensive plans covering land use, housing, capital facilities, utilities, and transportation. These comprehensive plans must balance the demands of growth with the provision of public facilities and services and, in particular, transportation facilities and services. The City of Lakewood was required to develop and adopt a comprehensive plan that is in conformance with the requirements of the GMA.

The City of Lakewood has, as part of its Comprehensive Plan, a Transportation Element with a Master Goal to "Ensure that the transportation and circulation system is safe, efficient and serves all segments of the population and reduces reliance on single-occupant vehicles and increase use of other modes of transportation."

Specific goals include the following.

- 1. To provide a safe, comfortable and reliable transportation system.
- 2. To reduce consumption of energy through an efficient and convenient transportation system.
- 3. To enhance options for future improvements to the transportation system by taking advantage of advances in technology and transportation research.
- 4. To keep travel times for people and goods as low as possible.
- 5. To emphasize the movement of people and goods, rather than vehicles, in order to obtain the most efficient use of transportation facilities.
- 6. To establish a minimum level of adequacy for transportation facilities through the use of consistent and uniform standards.
- 7. To protect the capital investment in the transportation system through adequate maintenance and preservation of facilities.

The projects in the Six-Year Comprehensive Transportation Program are intended to conform to the goals within the City's Comprehensive Plan.

## **GRANT APPLICATIONS AND LEVERAGING LOCAL DOLLARS**

The need to leverage local dollars through grant applications is very important to the City, especially in light of the decrease in funding available for transportation related capital improvements. The intent of this Program is not only to list and program projects for funding, but to establish City Council approval to submit grant applications on those projects contained in the Program.

## **FUNDING SOURCES**

## A. Motor Vehicle Fuel Tax Funds

The Motor Vehicle Fuel Tax Funds have been programmed to provide matching funds for federal aid and urban arterial projects and for projects to be implemented with Motor Vehicle Fuel Tax Funds only.

By law, each city receives a proportionate share of the total state motor vehicle fuel tax. Money received is a monthly allocation based on population. The dollars shown in this year's Program reflect the revenues from this source expected to be received by the City of Lakewood. It is anticipated that revenue received from gas tax for the Streets Capital Projects Fund will be: \$335,000 (FY 2015).

## B. Federal Aid Funding Programs

Each of the Federal aid programs listed below has specific requirements a project must meet to qualify for funding under the individual program. For a project to receive funding from any of these sources it must compete with other public agency projects.

On December 4, 2015, President Obama signed the Fixing America's Surface Transportation Act (FAST ACT). The Act authorizes \$305 billion over fiscal years 2016 through 2020 for the Department's highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and research, technology and statistics programs. The ACT essentially continues on with a number of specific funding programs that were funded under the previous Federal Transportation program (MAP 21). These include the following:

- 1. STP Surface Transportation Program: This is a regionally competitive program.
- 2. CMAQ Congestion Mitigation and Air Quality: This is a regionally competitive program intended for projects that significantly improve air quality.
- 3. HSIP Highway Safety Improvement Program: Statewide competition for federal funds targeted at safety improvements at high accident locations.
- 4. TAP Transportation Alternatives Program: This is a regionally competitive program and focuses on pedestrian and bicycle facilities (on and off road); safe-routes to schools, etc.; and other non-highway focused programs.

Much of the above said Federal grant funds are funneled thru the regional MPOs which for Lakewood that's Puget Sound Regional Council (PSRC). Presently PSRC has call out for projects where in \$206,000,000 in grant funding is presently (January 1<sup>st</sup> 2017) available throughout its 4 county region. Typically Lakewood projects are most competitive at County Wide level for which under this present call there is \$27,480,000.

C. Washington State Transportation Improvement Board (TIB)

The TIB has a number of statewide competitive programs which use criteria developed by the TIB for prioritization of projects. The tow TIB programs in which the City can compete are as follows:

- 1. UAP Urban Arterial Program. This program is for arterial street construction with primary emphasis on safety and mobility.
- 2. SP Sidewalk Program. This program is for the improvement of pedestrian safety, and to address pedestrian system continuity and connectivity.

## D. Community Development Block Grants (CDBG)

This is a program to provide physical improvements within low-income census tracts or to promote economic development within the City. Through the years 2018-2023 it is anticipated that a minimum of \$250,000 (on average) per year will be made available for pavement preservation, street lighting, and pedestrian improvements in eligible neighborhoods.

## E. City Funding Sources

- 1. Real Estate Excise Tax (REET). This funding source comes from the two ¼% REET's charged by the City on the sale of real estate within the City limits. The City's REET is designated entirely for transportation related capital improvements. Revenue from REET has averaged around \$1,100,000 in the past few years. The REET is estimated to be \$1,100,000 annually.
- 2. General Fund Transfer In. This funding source comes from several different sources that make up the General Fund revenue including: property tax, sales tax, and utility tax and fees. The Street Capital Projects Fund is budgeted to receive approximately \$500,000 annually (on average) over the next 5 years in support of the pavement preservation program.
- 3. Transportation Benefit District (TBD). In 2014, the TBD Board implemented a \$20 per vehicle tab fee to provide funds toward a specific list of pavement preservation projects to be implemented between 2015 through 2020. The anticipated revenue is approximately \$680,000 per year.

## F. Washington State Department of Transportation

1. Pedestrian and Bicycle Program: This is a statewide competitive program specifically oriented toward the elimination of hazards to the pedestrian and bicyclists. The recent call for projects has expanded the program's scope to emphasize

"complete streets" – accommodation of all roadway users from vehicles to bicyclists to pedestrians. The programs focus for "complete streets" is for "main street" urban arterials and corridors. Historically, the city has not received much funding from this program. However, given the change in the grant scope, there may be opportunities from this source in the future.

- 2. Safe Routes to Schools Program: This is a statewide competitive program specifically oriented toward pedestrian and bicycle safety near schools.
- 3. Surface Water Management Program:

The City's Surface Water Management (SWM) Program pays for all drainage facilities constructed in conjunction with street improvements. The revenue from SWM is directly related to the amount of capital improvement projects constructed. SWM participation in roadway projects averages about \$300,000 annually.

## PROJECT NUMBERING SYSTEM

Project numbers within most sections of the Program are discontinuous in order to maintain consistency in project numbering from year to year.

Completed projects are removed from subsequent years' programs, thereby eliminating some project numbers.

Projects carried forward from previous year(s) retain the same project numbers from the previous year(s).

## **BUDGET DOLLARS**

Costs shown are planning level estimates and are reflected in each year as FY2017 dollars with no accounting for inflation.

PROJECT COSTS IN THOUSANDS OF DOLLARS					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
EXPENDITURE PLAN		NOTE: E	is	TOTAL FUNDS						
SECTION 1 NEW CONSTRUCTION ARTERIAL STREET PROJECTS			2018	2019	2020	2021	2022	2023	2018- 2023	
1.2 Gravelly Lake Drive @ I-5 Right Turn Lane Total Estimated Cost \$1,600	Widen GLD from Nyanza to I-5 SB on- ramp to provide dedicated right-turn lane. Traffic signal upgrades; bridge widening; r/w acquisition.	City Grant Other				50 200	1,000		400 1,200	
·		Total	0	0	0	250			1,600	<u> </u>
1.4 Union Avenue - W. Thorne Ln. to Spruce St. Total Estimated Cost \$5,000	Widen to add turn lane, shared bike/travel lane, sidewalks, street lighting. Intersection improvements.	City Grant Other					125 375 75	2,250	375 2,625	i
Notes: Limits revised to reflect recent improvements at Berkeley/Union.	<u> </u>	Total	0	0	0	0				4
1.18 96th Street - 2-way left turn lane Total Estimated Cost \$500	Widen 96th St. from 500' east of So. Tac. Wy to I-5 underpass to provide 2- way left turn lane. Does not include	City Grant					100		100	ŧ.
	sidewalks or HMA overlay.	Other					400			Dev. Cont
	Realign 123rd ST SW as it enters	Total	0	0	0	0	500	0	500	
1.20 123rd ST SW - Bridgeport Way to 47th Ave. Total Estimated Cost \$1,000	Bridgeport	City Grant Other	250 83		250 84					CDBG SWM
•		Total	333	333	334	0	0	0	1,000	
1.21A Murray Road Corridor Capacity	Provide capacity for Woodbrook Industrial development: widening of Murray Road; bike/pedestrian facilities;	City Grant				100	·		100 0	estAtitat/Dov
Notes: Assume multiple phases; multiple years	structural pavement section improvements	Other Total	<u> </u>			1,500 1,600	0	0	1,500 1,600	SWivi/Dev. Contr.
1.21B 150th Street Corridor Capacity	Provide capacity for Woodbrook Industrial development; widening of	City		100		1,000	Ü	0	100	
Notes: Assume multiple phases; multiple years	150th Street; bike/pedestrian facilities; structural pavement section improvements	Grant Other		1,500						SWM/Dev. Contr.
1.22 Gravelly to Thorne Connector Total Estimated Cost \$25,000	Two-way connector road between Tillicum and Gravelly Lake Drive. Signalization.	Total City Grant	1	1,600	1	1	1	1	1,600 6 0	
		Other		1,000			1	 	25,000	Other
		Total	l	1,001	12,001	12,001	1	1	25,006	

PROJECT COSTS IN THOUSANDS OF DOLLARS										
EXPENDITURE PLAN		NOTE: E secured	OLD and	ITALICIZ	ED numb	ers dend	ote grant	is	TOTAL FUNDS	
SECTION 1 NEW CONSTRUCTION ARTERIAL STREET PROJECTS			2018	2019	2020	2021	2022	2023	2018- 2023	
1.23 Interstate 5 through Lakewood (WSDOT led project - coordination only)	Planning and design coordination only	City Grant Other	1	1	1	1	1	1	6 0 0	Dev. Contr.
1.25 North Gate Access Improvements	Improve access to Lewis North including: intersection improvements (Edgewood / North Gate Road); non-	Total City Grant	1 100	300 1,300	1	1	1	1	.,	Grant
	motorized improvements (Edgewood Dr. and North Gate Rd)	Other Total	100	100	0	0	0	0		Dev. Contr.
1.27 Bridgeport Way - I-5 Ramp to Pacific Hwy	Turn lane extension to improve capacity and queuing capability. Road / shoulder widening; sidewalks; walls for widening.	City Grant Other				50 100	100	100	600 100	Grant Dev. Contr.
		Total	0	0		150		600	900	
TOTALS		City Grant Other Total	102 250 83 435	302 1,550 1,083 2,935	2 250 12,084 12,336	202 300 13,500 14,002	.,	352 2,650 250 3,252	27,475	

PROJECT COSTS IN THOUSANDS OF DOLLARS				Fig. 9.	* x				5 (2)   17 (2)	
EXPENDITURE PLAN		NOTE: BOLD and ITALICIZED numbers denote grant is secured								
SECTION 2 ROADWAY IMPROVEMENTS			2018	2019	2020	2021	2022	2023	2018- 2023	
2.26 Safety Improvements in the Vicinity of Schools	May include sidewalks, crossing improvements, signage, etc. in vicinity of schools.	City Grant Other	100 250 ·	150		250	1,100 150		630 2,820 s 300	
2.29 Steilacoom Blvd. Custer to 88th Street Total Estimated Cost \$1,975	Curbs, gutters, sidewalks, street lighting, on both sides. Signal modifications. Signal replacement Custer/Ardmore. Overlay.	Total City Grant Other Total	350 0 <b>1,400</b> 250 1,650	1,400	150	350			0 1,400 Fi 250	
2.41 Steilacoom Blvd - Bridgeport Way to Fairlawn Total Estimated Cost \$1,400 Note: Preliminary design completed via previous TIB grant	Curbs, gutters, sidewalks, on both sides. Overlay.	City Grant Other Total	0	0	10 20 30	150			130 1,170 si 100 si	
2.54 Minor Pedestrian Safety Improvements	Non-hardscape improvements. Shoulder widening on high-volume roads where less than 2' walkway exists.	City Grant Other Total	50 50	50 50	50 50	50 50	50		300 0 0 300	
2.55 High Accident Location Safety Improvements  2016-2017 Funds reallocated to 2.81 Roadway Safety Improvements to 40th Ave.	May include sight distance corrective measures, signal modifications, etc. at one of top 25 accident locations.	City Grant Other	44	20	49	50	50		263 0 0	
SW and 96th St. SW and 3.20 Military Rd. and 112th St. Safety Improvement.  2.61 ADA Standards - Sidewalk Upgrades	On-going program to gradually upgrade existing facilities to current ADA standards	Total City Grant Other	50	50 50	49 50	50 50	50 50		263 300 0 0	
<b>2.65 Steilacoom Blvd - 87th to 83rd</b> Design through project 2.74	Curb, gutter, sidewalks, street lighting, drainage, overlay.	Total City Grant Other Total	50	50 80 200 280	50 200 1,400 200 1,800	50	50		300 280 1,600 200 2,080	

PROJECT COSTS IN THOUSANDS OF DOLLARS						100 m 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		en dina	
EXPENDITURE PLAN		NOTE: E secured	BOLD and	ITALICIZ	ZED numl	ers dend	ote grant		TOTAL FUNDS
SECTION 2 ROADWAY IMPROVEMENTS			2018	2019	2020	2021	2022	2023	2018- 2023
2.66 Steilacoom Blvd - 83rd to Weller Road Design through project 2.74	Curb, gutter, sidewalks, street lighting, drainage, overlay.	City Grant Other			70 180	200 2,000 200			270 2,180 200
2.68 Hipkins Rd. 104th to Steilacoom Blvd. Total Estimated Cost \$3,050	Curb, gutters, sidewalks, street fighting, drainage, overlay.	Total City Grant Other Total	0	0	250	350 350	2,700 2,700	0	2,650 0 0 3,050 3,050
2.69B Gravelly Lake Drive - Bridgeport to Steilacoom Road Diet	Reduce 4 travel lanes to 3. Curb, gutters, sidewalks, bike lanes, street lighting, drainage, overlay.	City Grant Other	50 100 150	200 1,100 1,300	0	0	0	0	200 1,100 0
2.70 Lakewood Station - Non-Motorized Access Improvements	Curb, gutters, sidewalks, and street lighting improvements per Lakewood NMTP and Sound Transit Access Improvement Study.	City Grant Other Total	0	0	100 100 200	100 400 500 1,000	100 400 500 1.000	100 400 500 1.000	300 1,300 1,600 3,200
2.71A Steilacoom Blvd - Weller Road to Phillips Road - Ph. 1  Design and right-of-way through project 2.74  Notes: Project 2.71 split into two phases. Safe Routes to Schools Grant received for 2.71A.	Curb, gutter, sidewalks, bikeway/buffer, street lighting, drainage on north side.	City Grant Other	0	100 <b>450</b>	. 01	0	0	0	100 450 0
2.71B Steilacoom Blvd - Weller Road to Phillips Road - Ph. 2 Design through project 2.74 Notes: Project 2.71 split into two phases. Safe Routes to Schools Grant received for 2.71A.	Curb, gutter, sidewalks, bikeway, street lighting, drainage, overlay.	City Grant Other	0	100 1350 100	0	0	0		100 1,350 100 1,550
2.72 100th Street & Lakewood Drive  Bridgeport Way to 400 feet north of 100th Street	Curb, gutter, sidewalks, sharrows, replace 100th/Lakewood signal, street lighting, drainage, overlay.	City Grant Other Total	130 550 680	200 800 1,000	. 0	0	0	0	330 1,350 0 1,680

PROJECT COSTS IN THOUSANDS OF DOLLARS	or vig til state skriver i skri Program i skriver i			1000	-					
EXPENDITURE PLAN		NOTE: BOLD and ITALICIZED numbers denote grant is secured								
SECTION 2 ROADWAY IMPROVEMENTS			2018	2019	2020	2021	2022	2023	2018- 2023	
	Curb, gutter, sidewalks, sharrows,	Oite	<del> </del>		005					
2.73 112th / 111th - Bridgeport to Kendrick	street lighting, drainage, overlay.	City Grant	1		205				205	
		Other			1,500 250				1,500 250	
		Total	0	0		0	0	0		
2.74 Steilacoom Blvd Corridor Design - Farwest to Phillips	Curb, gutter, sidewalks, sharrows, turn	City	50		43	14			150	
	lanes, street lighting, drainage, overlay	Grant	216	150	150	35		·	551	
Joint project with Town of Steilacoom - DESIGN ONLY		Other	25	20	20	6			71	
		Total	291	213	213	55		0		
2.75 South Tacoma Way - 88th to North City Limits	Curb, gutter, sidewalks, bike lanes,	City	50	50	300				400	
•	street lighting, signal at 84th, drainage, overlav.	Grant	150	150	2,341				2,641	
	Other	Other			300				300	
		Total	200	200	2,941	0	0	0	3,341	
2.76B Phillips Road - Steilacoom to Onyx	Curb, gutter, sidewalks, blke lanes,	City							0	
TOD I milipo Rodu - Otenacoom to Onyx	1	Grant	]						0	
		Other			250	1850			2,100	
		Total	0	0	250	1,850	0	0	2,100	
	Curb, gutter, sidewalks, bike lanes, treet lighting, drainage, overlay.	City							0	
2.77 Washington Blvd - Edgewood Ave to Gravelly Lake Drive	a cochgrung, dramago, overlay.	Grant	5,000						5,000	
		Other	700			·			700	
Notes: moves up project schedule in anticipation of grant.		Total	5,700	0	0	. 0	0	0	5,700	
2.78 Oakbrook Sidewalks & Street Lighting	Curb, gutter, sidewalks, sharrows, turn lanes, street lighting, drainage, overlay.	City							0	
Onyx Dr W (97th to 87th); Onyx Dr E (Garnet to Phillips) (Total Cost \$3,400)	, , ,	Grant	ŀ		400	3000			3,400	
	1	Other Total	0	0	400	3,000	0	0	3,400	
2.79 Lake City Business District Sidewalks (American Lake	Curb, gutter, sidewalks, sharrows,	City			100	- 0,000	- ŭ		0,100	
Park to Veterans Dr / Alameda) (Total Cost \$2,100)	street lighting, drainage, overlay.	Grant							0	
, <del>, (******************************</del>		Other		300	1,800				2,100	
		Total	0	300	1,800	0	0	0	2,100	
2.80 Interlaaken Drive SW / Mt. Tacoma Drive Non-Motorized	Provide curb and gutter, sidewalk and a shared travel/bike lane on one side	City								
mprovements - Short Lane to Whitman Avenue SW (Total Cost	of Interlaaken / Mt, Tacoma Dr.	Grant								
Mt. Tacoma Drive \$2,950) (Total Cost Interlaaken \$4,000) formerlly		Other					750	700		
project 5.7. Construction 2022+	Curb guttor aidou-llb	Total		0	0	0	750	700	0	
2.81 Roadway Safety Improvements at 40th Ave. SW and 96th	Curb, gutter, sidewalk, sharrows, guard rail, street lighting, pavement	City	1 1	1					1	
St. SW	reconstruction Grant Other		653						653	
		u mper 1			1					

PROJECT COSTS IN THOUSANDS OF DOLLARS								::				
EXPENDITURE PLAN		NOTE: BOLD and ITALICIZED numbers denote grant is secured										
SECTION 2 ROADWAY IMPROVEMENTS			2018	2019	2020	2021	2022	2023	2018- 2023			
2.82 59th Ave SW Sidewalk - 100th to Bridgeport Wy SW	Sidewalk east side of roadway,	City Grant Other		25 100					25 100 0			
2.83 Gravelly Lake Dr Pacific Hwy to Nyanza (south)	Curb, gutter, sidewalk, bike way, street lighting, pavement rehab	Total City Grant Other	0	125	50 100	75	250	0	125 375 1,075 0			
2.84 Lakewood Drive - Steilacoom Blvd to N. City Limits *note: pavement rehab City match also listed in project 9.15	Add turn lanes, curb, gutter, sidewalk, bike way, street lighting, pavement rehab	Total City Grant Other	50 200 50	0 100 300 50	150 950 3,180 500			0	1,100 3,680 600			
2.86 Veterans Drive SW-Gravelly Lake Dr. to Alameda (Total	curb, gutter, sidewalks, sharrows street lighting, drainage, overlay	Total City Grant Other	300	450	4,630	0	0	860 3,440	860 3,440 0			
2.87 Steilacoom Blvd. SW - Phillips Rd. SW to 88th St. SW	curb, gutter, sidewalks, sharrows street lighting, drainage, overlay	Total City Grant Other	0	0 250 1,250	0 250 1,250	0		4,300	4,300 500 2,500 0			
TOTALS		Total City	0 574	1,500 1,168	1,500 2,007	659	0 850	0 1,110	6,318			
		Grant Other Total	7,866 1,025 9,465	5,700 620 7,488	9,091 3,820 14,918	3,010 5,906 9,575	4,200	3,840 1,200 6,150	15,321			

PROJECT COSTS IN THOUSANDS OF DOLLARS		1, 11,00						ing the same	
EXPENDITURE PLAN									TOTAL FUNDS
SECTION 3 TRAFFIC SIGNALS			2018	2019	2020	2021	2022	2023	2018- 2023
3.1 Steilacoom / Durango Traffic Signal	Intersection meets warrants for traffic signal. Signal needed with new development in area. Special concern with adjacent train crossing becoming active.	City Grant Other	5	345					0 0 350 De
3.7 Washington Blvd. and Interlaaken Drive Signal and intersection improvement Total Estimated Cost \$375	Install new signal at intersection.	Total City Grant Other	5	345	75	300	0		350 375 0 0
3.8 Traffic Signal Timing Upgrades on-going technical support incl. turning movement counts	Upgrade traffic signal timing and coordination.	Total City Grant Other	10	10	75 10	10	10	10	375 60 0
3.11 City-Wide Traffic Signal Management System Total Estimated Cost \$2,000	City-hall based Traffic Management Center. Fiber optic interconnect. PTZ major corridors. Active traffic management including web based info.	Total City Grant Other Total	10 50 50	10 50 300 350	10 50 300 350	50		10	200 600 FE 0
3.12 Traffic Signal Replacement Program	Replace aging traffic signals. Priorities based on maintenance history. (one signal every 3rd year)	City Grant Other Total	300	0	300		300	0	600
3.13 Gravelly Lake Drive / Avondale Traffic Signal	Intersection meets warrants for traffic signal. Increased volumes in and around Towne Center. Increase in accidents.	City Grant Other Total	0	0	0	0	100 150 250	0	100 0 150 De

PROJECT COSTS IN THOUSANDS OF DOLLARS			2.0410 2.45121							200 (20 mm)
EXPENDITURE PLAN									TOTAL FUNDS	
SECTION 3 TRAFFIC SIGNALS			2018	2019	2020	2021	2022	2023	2018- 2023	
3.14 So. Tacoma Way / 92nd Street	New warranted signal	City Grant Other		100	550				0 0 0	
		Total	0	100	550	0	0	0	0	<u> </u>
3.16 Steilacoom Blvd / Western State Hospital Signal Replacement	Replace existing signal	City Grant Other	210						210 0	Fed
		Total	210	0	0	0	0	0	210	1
3.17 Steilacoom Blvd / Lakeview Ave	Replace existing signal	City							0	1
Signal Replacement		Grant	275						275	Fed
		Other			_				0	1
		Total	275	0	0	0	0	0	275	1
3.19 Traffic Signal Asset Management System	Purchase software; develop asset management system	City Grant	40	40	20	5	5	5	115 0	Fed
		Other							0	1
		Total	40	40	20	5	5	_5	115	-
3.20 Miltary Rd. and 112th St. Safety Improvement	Replace existing traffic signal to current standards. Update phasing to yellow-flashing arrow operation. ADA ramp upgrades. Repave	City Grant Other	640						0 640 0	Fed
	intersection	Total	640	0	0	0	0	0	640	j
3.21 84th St. Pedestrain Crossing Signal at Pine St. S.	Install pedestrian signal, connection to Pine stree intersects Tacoma's Water Ditch Trail.	City Grant						110	110 0	
		Other Total	0	0	0	0	0	110	110	1
		ıvlai	U	X2. ************************************		SALES ES	EID AND A	0.000	S V SW	
TOTALS		City Grant	400 210	100 400	455 850	365 0	415 0	125 0	1,560 810	1
		Other	5	345	0	0	150	0	500	
		Total	615	845	1,305	365	565	125	2,870	1

PROJECT COSTS IN THOUSANDS OF DOLLARS									
EXPENDITURE PLAN									TOTAL FUNDS
SECTION 4 TRANSPORTATION PLANNING			2018	2019	2020	2021	2022	2023	2018- 2023
4.1 Pavement Management System	Semi-Annual evaluation of pavement condition	City Grant Other	30	5	30	5	30	5	105 0 0
		Total	30	5	30	5	30	5	105
4.2 Transportation Model	On-going updates of travel demand model.	City Grant Other	5	5	5	5	5	5	30 0 0
	1	Total	5	5	5	5	5	5	30
4.8 Lakewood City Center Sub-Area Plan	Review access and circulation for vehicles, transit, and non- motorized transportation.	City Grant Other	10	10					20 0 0
,		Total	10	10	0	0	0	0	20
4.9 Non-Motorized Transportation Plan Update	Update NMTP to include relevant policy updates and capital improvement projects. (original plan adopted June 2009)	City Grant Other	10	20					30 0 0
		Total	10	20	0	0	. 0	0	30
4.10 ADA Transition Plan Update	Update ADA transition plan to address ADA deficiencies of existing curb ramps; signal access / operations; etc.	Other	15						15 0 0
		Total	15	0	0	0	0	0	
TOTAL		City Grant Other	70 0 0	40 0 . 0	35 0 0	10 0 0	35 0 0	10 0 0	200 0 0
		Total	70	40	35	10	35	10	200

PROJECT COSTS IN THOUSANDS OF DOLLARS							er er		
EXPENDITURE PLAN									TOTAL FUNDS
SECTION 5 BIKEWAYS			2018	2019	2020	2021	2022	2023	2018- 2023
5.1 Miscellaneous Bikeway Markings / Signage		City Grant Other	20	20	20				0
5.4 Miscellaneous Bike Lane Construction		Total City Grant Other	20	20 50	20	20 50		20 50	
5.5 North Thorne Lane to Gravelly Lake Drive Non-Motorized Trail	Provide non-motorized path between Tillicum and Gravelly Lake Drive "Gravelly to Thome Connector" construction.	Total City Grant Other Total	0	50 20 100	0 30 170 180 380	350 1,650	0		400 1,920 2,680
5.6A Gravelly Lake Non-Motorized Trail - Phase 1 (Washington Blvd to Nyanza (N)).  Amendment 1: Project split into three phases. Grant received for 5.6A.	Provide non-motorized path around Gravelly Lake along Gravelly Lake Drive and Nyanza Drive. Existing roadway cross section shifted to outside and overlaid. Lighting.	City Grant Other Total	470 2,370 2,840	0	0		0	0	470 2,370 0
5.6B Gravelly Lake Non-Motorized Trail - Phase 2 (Nyanza Blvd) Notes: Project split into three phases. Grant received for 5.6A.	Provide non-motorized path around Gravelly Lake along Gravelly Lake Drive and Nyanza Drive. Existing roadway cross section shifted to outside and overlaid. Lighting.	City Grant Other	2,040	0	300	900		0	0 0 3,200
5.6C Gravelly Lake Non-Motorized Trail - Phase 3 (GLD - Nyanza (S) to Wash.) Construction 2022+. TOTAL Cost \$3.2 Mill. Notes: Project split into three phases. Grant received for 5.6A.	Provide non-motorized path around Gravelly Lake along Gravelly Lake Drive and Nyanza Drive. Existing roadway cross section shifted to outside and overlaid. Lighting.	City Grant Other	0	0	0	0	300	900	0 0 1,200
5.7 Motor Avenue - Whitman to Gravelly Lake Dr.	Provide non-motorized path including lighting and landscaping.	City Grant Other	20 180	80 650					100 830 0
		City Grant Other Total	200 40 180 0	730 170 750 0	50° 170° 480°	420° 1,650 3,400 5,470	20 0 2,300 2,320	70 0 900	930 770 2,750 7,080

PROJECT COSTS IN THOUSANDS OF DOLLARS									155 m 15. 15.12 15.12
EXPENDITURE PLAN									TOTAL FUNDS
SECTION 6 STREET LIGHTING			2018	2019	2020	2021	2022	2023	2018- 2023
6.2 New Street Lighting	Install street lighting in requested areas based on ranking criteria.	City Grant Other	165	170					335 0 0
		Total	165	170	0	0	0	0	335
TOTALS		City	165	170	0	0	0	0	335
		Grant	0	0	0	0	0	0	0
		Other	0	0	0	0	0	0	0
		Total	165	170	0	.0	0	0	335

PROJECT COSTS IN THOUSANDS OF DOLLARS						. 10 (13)			Provide
EXPENDITURE PLAN									TOTAL FUNDS
SECTION 7 BRIDGES			2018	2019	2020	2021	2022	2023	2018- 2023
7.1 Bridge Inspection	On-going biennial bridge inspection.	City Grant Other	0	10	0	10	0	10	0 0
TOTALS		Total City Grant Other	0	10 10 0	0	10	0 0	10	
·		Total	0	10	0	10	0	10	30

PROJECT COSTS IN THOUSANDS OF DOLLARS		1.44		a triblingerig		2000 (1) 2002 (2) 24 (2)			en en en en
EXPENDITURE PLAN									TOTAL FUNDS
SECTION 8 BEAUTIFICATION PROJECTS			2018	2019	2020	2021	2022	2023	2018- 2023
8.10 Gateway Improvements		City Grant	50	50	50	50	50	50	300 0
·		Other	20	20	20	20	20	20	120
The state of the s		Total	70	70	70			70	
TOTALS	The Mark to the Mark that the market market by the section of the	City	50	50	50	50		50	
		Grant	О	0	0	0	О	0	0
		Other	20	20	20	20	20	20	120
	·	Total	70	70	70	70	70	70	420

PROJECT COSTS IN THOUSANDS OF DOLLARS							Zinck Park I		
EXPENDITURE PLAN		NOTE: BOLD and ITALICIZED numbers denote grant is secured							
SECTION 9 ROADWAY RESTORATION PROJECTS			2018	2019	2020	2021	2022	2023	2018- 2023
9.7 Resurfacing Program - Various Locations	Projects in various locations may include pavement preservation contribution to planned utility projects	City Grant Other	1,300	1,410	·	•	·	3,500	0 0
9.10A Steilacoom Boulevard - 87th to Weller Road	to facilitate full roadway overlays.	Total City Grant Other	1,300	1,410	20	350 750		3,500	370 750 0
9.10B Steilacoom Boulevard - Weller Road to Custer Road Note: Overlay from 88th St to Custer included in project 2.29		Total City Grant Other	20	0 350 750	20	1,100	0	0	1,120 350 750 0
9.15 Lakewood Drive - Steilacoom Blvd. to N. City Limits		Total City Grant	20	1,100 1,100	0	0	0	0	1,100 1,100 0
9.16 59th Ave - Main Street to 100th Street		Other Total City Grant	. 0	1,100	0 450	0	0	0	1,100 450 0
9.17 108th - Bridgeport Way to Pacific Hwy		Other Total City	0		450 600		0	0	450 600
		Grant Other Total	0		600		0	0	0 0 600
9.18 Custer - Steilacoom to John Dower		City Grant Other Total	0		0	450 450	0	0	450 0 0 450

PROJECT COSTS IN THOUSANDS OF DOLLARS								
EXPENDITURE PLAN	NOTE: BOLD and ITALICIZED numbers denote grant is secured							TOTAL FUNDS
SECTION 9 ROADWAY RESTORATION PROJECTS		2018	2019	2020	2021	2022	2023	2018- 2023
9.19 88th - Steilacoom to Custer	City Grant Other Total	0	250 250	0	. 0	1 0	0	250 0 0 250
9.20 Pacific Hwy - 108th to SR512	City Grant Other Total	0	230	90 450 540				90 450 0
9.21 100th - Lakeview to South Tacoma Way	City Grant Other Total			180 300				180 300 0
9.22 100th - 59th to Lakeview	City Grant Other	0		480		1,100		1,100 0 0
TOTALS	Total City Grant Other	1,320 0 0		3,040	3,200	4,600	3,500 0	
	Total	1,320	3,860	3,790	3,950	4,600	3,500	21,000

PROJECT COSTS IN THOUSANDS OF DOLLARS		T. a	1 - 104 - 123 - 124 1 - 124 - 125 -						
EXPENDITURE PLAN							•		TOTAL FUNDS
SECTION 10 NEIGHBORHOOD TRAFFIC MANAGEMENT			2018	2019	2020	2021	2022	2023	2018- 2023
10.1 Neighborhood Traffic Management Various Locations	May include speed humps, traffic circles, signage, etc.	City Grant Other	25	25	25	25	25	25	150
		Total	25	25	25	25			
TOTALS		City	25	25	25	25	25	25	150
		Grant Other	0 0	0	0	0	0	0	0
		Total	25	25	25	25	25	25	150

PROJECT COSTS IN THOUSANDS OF DOLLARS							( <u>131</u>		
EXPENDITURE PLAN									TOTAL FUNDS
SECTION 11 OTHER			2018	2019	2020	2021	2022	2023	2018- 2023
11.1 On-call technical assistance	Various professional services including surveying, structural, geotechnical, environmental to support various projects.	City Grant Other	50	50	50	50	50	50	300 0 0
11.2 Public Works Operations & Maintenance Facility	Back up generator and fueling station.	Total City Grant Other	50	50	50 200	50	50	50	300 200 0 0
Security Company Court (children was souther too), press par government in Company as the Security (administration	Process through the street of the control of the co	Total	0	0	200		0	0	200
TOTALS	<del></del>	City Grant Other	50		250				
		Total	50	50	250	50	50	50	500

#### ARTERIAL STREETS

	2018	2019	2020	2021	2022	2023	2018-2023
witten is direction of	Company of the Sales	Committee of the second section of the last	A. HAR SAME SHOULD	estados de productivos presentados de la como de la com	reco, in decidio compresso d	Charleson Company (1998) (199	and only the design of the first
City	102	302	2	202	627	352	1,587
Grant	250	1,550	250	300	1,475	2,650	6,475
Other	83	1,083	12,084	13,500	475	250	27,475
Total	435	2,935	12,336	14,002	2,577	3,252	35,537

#### ROADWAY IMPROVEMENTS

	2018	2019	2020	2021	2022		2018-2023
in identification with		20,000,000,000,000					
City	574	1,168	2,007	659	850	1,110	6,318
Grant	7,866	5,700	9,091	3,010	3,300	3,840	32,707
Other	1,025	620	3,820	5,906	4,200	1,200	15,321
Total	9,465	7,488	14,918	9,575	8,350	6,150	54,346

#### TRAFFIC SIGNALS

	2018	2019	2020	2021	2022		2018-2023
City	400	100	455			125	1.560
Grant	210	400	850		0	0	810
Other	5	345	0	0	150	0	500
Total	615	845	1,305	365	565	125	2,870

#### TRANSPORTATION PLANNING

	2018	2019	2020	2021	2022		2018-2023
City	70	40	35		35	10	200
Grant	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	70	40	35	10	35	10	200

#### STREETLIGHTS

	2018	2019	2020	2021	2022		2018-2023
City	165	170	0	0	0	0	335
Grant	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	165	170	0	0	0	0	335

#### **BRIDGES**

	2018	2019	2020	2021	2022		2018-2023
City	0	10	0	10	0	10	30
Grant	0	0	0	0	0	0	0:
Other	0	0	0	0	0	0	0
Total	0	10	0	10	0	10	30

#### BEAUTIFICATION / GATEWAY IMPROVEMENTS

	2018	2019	2020	2021	2022	2023	2018-2023
		of the always and the		A STATE OF THE PROPERTY OF THE PARTY OF THE			
City	50	50	50	50	50	50	300
Grant	0	0	0	0	0	0	0
Other	120	20	20	20	20	20	220
Total	170	70	70	70	70	70	520

#### RESTORATION

	2018	2019	2020	2021	2022	2023	2018-2023
	and the state of t						
City	1,320	3,110	3,040	3,200	4,600	3,500	18,750
Grant	0	750	750	750	0	0	2,250
Other	0	0	0	0	0	0	0
Total	1,320	3,860	3,790	3,950	4,600	3,500	21,000

#### **BIKEWAYS**

	2018	2019	2020	2021	2022	2023	2018-2023
<b>新しらますというはなか</b> か	CHARGOTTON SEE	MILLER THE THE WORLD	<b>有限的的使用的</b> 。是整	TELEPHANESH		Actes and the second of	to the solution of a lease of
City	40	170	50	420	20	70	770
Grant	180	750	170	1,650	0	0	2,750
Other	0	0	480	3,400	2,300	900	7,080
Total	220	920	700	5,470	2,320	970	10,600

#### OTHER

	2018	2019	2020	2021	2022	2023	2018-2023
one of the special sections	元本で発行を表示に対象	(中国的国际)。	Pathing of a but the	igeralisasi esperi	alikakaral maraja	(2017年) 中国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国共和国	1400.34.19142.2015
City	50	50	250	50	50	50	500
Grant	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	50	50	250	50	50	50	500

#### NEIGHBORHOOD TRAFFIC MANAGEMENT

	2018	2019	2020	2021	2022	2023	2018-2023
大阪中央の大阪の大阪の大田で	成的 机线性性 计连续数据	rase "Sub-Subbervaria"	SERVICE COME YOUR SERVE	the section of the se	property on the page to	artese tisk soles etterele	related to the related with
City	25	25	25	25	25	25	150
Grant	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
Total	25	25	25	25	25	25	150

#### GRAND TOTAL (2016-2021)

	2018	2019	2020	2021	2022	2023	2018-2023
的1900的2000年以下8次	2.20年的人。1995年1996年	SESSENION NAME OF STREET	型域的224条据的 刘忠等	o to september at the control	中心に ないこと できまれる	<b>建工业的发展。而几年,约</b>	とは、これに こうかんばら (中)
City	2,796	5,195	5,914	4,991	6,672	5,302	30,500
Grant	8,506	9,150	11,111	5,710	4,775	6,490	44,992
Other	1,233	2,068	16,404	22,826	7,145	2,370	50,596
Total	12,535	16,413	33,429	33,527	18,592	14,162	126,088

Notes:

LID = Property owner participation through a Local Improvement District (LID).

Dev. Contr. = Funds provdided through private (developer) contribution

TIB = Transportation Improvement Board grant funding

TEA-21 = Transportation Efficiency Act grant funds.

State = other state grant funding programs

CDBG = Community Development Block Grant funds.

FED = Federal Grant dollars (TEA-21, SAFETEA, Enhancement, etc.)

SWM = Surface Water Management funds

S.T. = Sound Transit

TBD = Transportation Benefit District

MAP-21 = Moving Ahead for Progress in the 21st Century (Federal Transportation Act)