

ADOPTED  
SEPTEMBER 12, 2016

# 2017—2022 | SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM



*South 7th Street Improvements Project at Shattuck Avenue South*



*Logan Avenue North Improvements Project*

DEPARTMENT OF PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION

CITY OF  
**Renton**





## **ACKNOWLEDGEMENTS**

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## **SECTION ONE – INTRODUCTION**

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**RENTON BUSINESS PLAN** **3**

- Vision Statement
- Mission Statement



## **PURPOSE OF THE TRANSPORTATION IMPROVEMENT PROGRAM**

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- The Transportation Improvement Program (TIP) reflects the involvement of City Citizens and Elected Officials.
- The TIP implements the City of Renton Mission Statement.
- The TIP is used to coordinate Transportation Systems Division projects and programs with other jurisdictions and agencies.
- The TIP is a multi-year planning tool for the development of the transportation facilities within the City.
- The TIP is required for State and Federal funding programs.
- The TIP is a vital part of planning under the Growth Management Act.
- The TIP is mandated by Washington State Law.



# Renton Business Plan

## VISION

**Renton: The center of opportunity in the Puget Sound Region where families and businesses thrive**

## MISSION

**The City of Renton, in partnership and communication with residents, businesses, and schools, is dedicated to:**

- Providing a safe, healthy, welcoming atmosphere where people choose to live
- Promoting economic vitality and strategically positioning Renton for the future
- Supporting planned growth and influencing decisions that impact the city
- Building an inclusive informed city with opportunities for all
- Meeting service demands through high quality customer service, innovation, a positive work environment, and a commitment to excellence

## 2017–2022 GOALS



### Provide a safe, healthy, vibrant community

- Promote safety, health, and security through effective communication and service delivery
- Facilitate successful neighborhoods through community involvement
- Encourage and partner in the development of quality housing choices for people of all ages and income levels
- Promote a walkable, pedestrian and bicycle-friendly city with complete streets, trails, and connections between neighborhoods and community focal points
- Provide opportunities for communities to be better prepared for emergencies



### Promote economic vitality and strategically position Renton for the future

- Promote Renton as the progressive, opportunity-rich city in the Puget Sound region
- Capitalize on opportunities through bold and creative economic development strategies
- Recruit and retain businesses to ensure a dynamic, diversified employment base
- Nurture entrepreneurship and foster successful partnerships with businesses and community leaders
- Leverage public/private resources to focus development on economic centers



### Support planned growth and influence decisions that impact the city

- Foster development of vibrant, sustainable, attractive, mixed-use neighborhoods in urban centers
- Uphold a high standard of design and property maintenance
- Advocate Renton's interests through state and federal lobbying efforts, regional partnerships and other organizations
- Pursue transportation and other regional improvements and services that improve quality of life
- Balance development with environmental protection



### Building an inclusive informed city with opportunities for all

- Improve access to city services and programs and make residents and businesses aware of opportunities to be involved with their community
- Build connections with ALL communities that reflect the breadth and richness of the diversity in our city
- Promote understanding and appreciation of our diversity through celebrations and festivals
- Provide critical and relevant information on a timely basis and facilitate two-way dialogue between city government and the community
- Encourage volunteerism, participation and civic engagement



### Meet service demands and provide high quality customer service

- Plan, develop, and maintain quality services, infrastructure, and amenities
- Prioritize services at levels that can be sustained by revenue
- Retain a skilled workforce by making Renton the municipal employer of choice
- Develop and maintain collaborative partnerships and investment strategies that improve services
- Respond to growing service demands through partnerships, innovation, and outcome management



## **SECTION TWO – MAP AND LOCATION**

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**TRANSPORTATION IMPROVEMENT PROGRAM MAP**

**6**

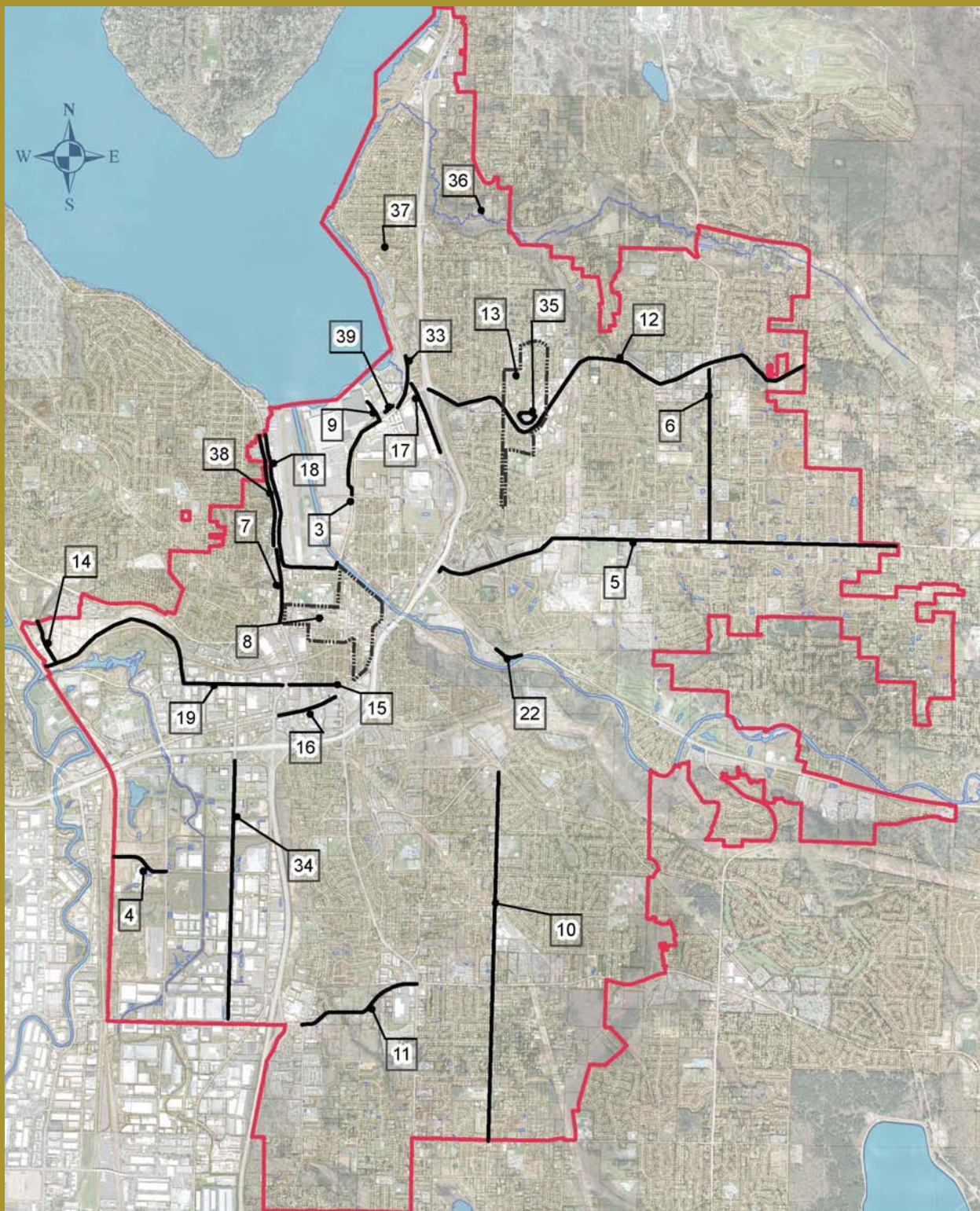
**MAP INDEX**

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## MAP INDEX

<u>TIP No.</u>	<u>PROJECT TITLE</u>
1	Street Overlay
2	Arterial Rehabilitation Program
3	Logan Avenue North Improvements
4	SW 27 <sup>th</sup> Street / Strander Blvd Connection
5	NE 3 <sup>rd</sup> Street / NE 4 <sup>th</sup> Street Corridor Improvements
6	Duvall Avenue NE (NE 4 <sup>th</sup> Street to Sunset Blvd NE)
7	Rainier Avenue South / North (Phase 4 – South 3 <sup>rd</sup> Street to NW 3 <sup>rd</sup> Place)
8	Connecting Downtown Renton Improvement Project
9	Park Avenue North Extension
10	116 <sup>th</sup> Avenue SE Improvements
11	Carr Road Improvements
12	NE Sunset Blvd (SR 900) Corridor Improvements
13	Sunset Area Green Connections
14	Oakesdale Avenue SW / Monster Road SW / 68 <sup>th</sup> Avenue South to SR 900
15	South 7 <sup>th</sup> Street (Rainier Avenue South to Talbot Road South)
16	South Grady Way (Talbot Road South to Rainier Avenue South)
17	Houser Way North (North 8 <sup>th</sup> Street to Lake Washington Blvd)
18	Lake Washington Loop Trail
19	Lake to Sound (L2S) Trail
20	Walkway Program
21	Sidewalk Rehabilitation and Replacement Program
22	Maple Valley Highway Attenuator
23	Bridge Inspection and Repair Program
24	Roadway Safety and Guardrail Program
25	Intersection Safety and Mobility Program
26	Traffic Safety Program
27	Preservation of Traffic Operation Devices Program
28	Intelligent Transportation Systems (ITS) Program
29	Barrier-Free Transition Plan Implementation
30	Project Development and Pre-Design Program
31	Arterial Circulation Program
32	1% for the Arts Program
33	Lake Washington Blvd North (Park Avenue North to Gene Coulon Memorial Park)
34	Lind Avenue SE (SW 16 <sup>th</sup> Street to SW 43 <sup>rd</sup> Street)
35	Sunset Lane / NE 10 <sup>th</sup> Street Roadway Improvements
36	NE 31 <sup>st</sup> Street Bridge Replacement
37	North 27 <sup>th</sup> Place Culvert Scour Repair
38	Rainier Avenue North Corridor Improvements (Phase 5)
39	South Lake Washington Transit Stop



## **SECTION THREE – DEVELOPMENT AND PRIORITIZATION**

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## GENERAL PROGRAMMING CRITERIA

The yearly update of the Six-Year Transportation Improvement Program (TIP) is part of an ongoing process intrinsically linked with the development of the City's Capital Improvement Program. The Six-Year TIP is also linked with various state and federal funding programs, regional/inter-jurisdictional planning and coordination processes and the City's Growth Management Act Comprehensive Land Use Plan.

Projects are developed and prioritized based on community needs, specific goals to be achieved and on general programming considerations. The general programming considerations include the following:

- **PRIORITY** – As shown on page 15 the projects and programs are prioritized by type prepared by City staff with final approval by the City Council during the annual update of the TIP. The prioritization assists staff in assigning the limited resources to projects and programs and reducing resources during funding shortfalls. In general, staff expends more resources on higher priority projects in the first three years of the TIP, and when applying for grants staff will consider these projects first unless other lower priority projects better meet the particular criteria of a grant program.
- **PLANNING** – How, at a local and regional level, a project fits with or addresses identified future transportation goals, demands and planning processes must be evaluated. This is strongly influenced by ongoing land use decisions and by regional highway and transit system plans.
- **FINANCING** – Many projects are dependent upon external grants, formation of LID's or the receipt of impact fees. Prioritization has to take into account the peculiarities of each of the various fund sources and the probabilities of when and how much money will be available.
- **SCHEDULING** – If a project is interconnected with, or interdependent on, other projects taking place, this is reflected in their relative priorities.
- **PAST COMMITMENT** – The level of previous commitment made by the City in terms of resources, legislative actions or inter-local agreements must be taken into consideration in prioritizing TIP projects.



In addition to the general considerations discussed above, there are five specific project categories through which the TIP is evaluated and analyzed. The categories include the following:

1. Maintenance and Preservation of Existing Infrastructure
2. Corridor Projects
3. Operations and Safety
4. Non-Motorized Projects
5. Others

These categories provide a useful analysis tool and represent goals developed through an evaluation of the City's transportation program in response to input from citizens and local officials and to state and federal legislation.

Taken as a whole, the five categories provide a framework for evaluating projects both individually and as part of a strategy that seeks to meet and balance the transportation needs of Renton during a time of increasing transportation demand, decreasing revenues and growing environmental concerns.

Although each project can be identified with an important concern that allows it to be classified into one of the five categories, most projects are intended to address and are developed to be compatible with multiple goals.

**MAINTENANCE AND PRESERVATION OF THE EXISTING INFRASTRUCTURE** is a basic need that must be met by the program. The Mayor and City Council have emphasized the importance of sustaining strong programs in this project category and maintaining our current infrastructure. Therefore, more than half of the Transportation's City Funds have historically been allocated under this category. The State Growth Management Act also requires jurisdictions to assess and address the funding required to maintain their existing transportation systems. The City of Renton owns and maintains 250 centerline miles of streets.

**CORRIDOR PROJECTS** are oriented toward moving people through a balanced transportation system that involves multiple modes of transportation. Included are facilities that facilitate the movement of transit and carpools. The Moving Ahead for Progress in the 21<sup>st</sup> Century Act (MAP-21), the State and Federal Clean Air legislation and the State Commute Trip Reduction Act (CTR) have added momentum to regional efforts and placed requirements on local jurisdictions such as Renton to promote these transportation elements.

**OPERATIONS AND SAFETY** projects and programs are developed through ongoing analyses of the transportation system and are directed mainly toward traffic engineering concerns such as safety and congestion. Projects are identified not only by analysis of traffic counts, accident records and geometric data, but also through review and investigation of citizen complaints and requests.





**NON-MOTORIZED PROJECTS** have been developed with major emphasis on addressing community quality of life issues by improving and/or protecting residential livability while providing necessary transportation system improvements. Bicycle and pedestrian projects are included in this category.

**OTHER PROGRAMS** involve planning of transportation improvements necessitated by new development and new transportation capital improvements.



## SPECIFIC TIP DEVELOPMENT ACTIVITIES

TIP project and financial development activities are intricately intertwined and involve interactions with many groups and agencies at the local, regional, state and federal levels. Within the Transportation Systems Division of the City of Renton, project development involves year-round coordination between the Transportation Operations and Transportation Maintenance Section, the Transportation Planning and Programming Section and the Transportation Design Section.

The Transportation Operations and Maintenance Section compiles accident and traffic count data, performs level-of-service calculations needed to identify operational/congestion problems and tracks all transportation-related complaints, suggestions and requests that come into the City.

The Transportation Design Section, through the TIP's *Overlay Program* and *Bridge Inspection and Repair Program*, work closely with the Maintenance Services Division to establish structural ratings for the City's roads and bridges.

These and other data are being used by the Planning and Programming Section to develop transportation improvement projects, prepare grant applications, interface with ongoing state and federal transportation programs and develop a TIP that supports the goals of the City's long-range Comprehensive Plan and current business plan.

The Transportation Planning and Programming Section works with King County Metro Transit, Puget Sound Regional Council, Sound Transit and other groups and agencies to assure consistency between Renton's transportation policies and programs and those of the region. Such consistency is required by the Growth Management Act and related legislation and by federal and state grant programs.

Ongoing transportation planning activities, such as updating the Transportation Element in the Comprehensive Plan and the development of sub-area plans, play an important part in identifying and prioritizing transportation improvement projects.

Within the City of Renton, there are actions and interactions involving other departments and divisions, the private sector, the City Council and Administration, which strongly influence the direction of the transportation program. For example, the transportation system is significantly impacted by land use decisions, private development proposals and by public water and sewer extensions which increase transportation demand by making possible higher density and/or intensity of land uses. Such proposals need

## CITY OF RENTON | 2017 – 2022 TRANSPORTATION IMPROVEMENT PROGRAM



to be monitored and analyzed in regard to how they individually and collectively create the need for transportation improvements.

All City of Renton departments and City Council are solicited each year to provide input, discuss and comment on the Six-Year TIP. Additional input is also gathered through interactions with other public and private organizations and through public meetings held in the community concerning specific transportation projects and programs.

At the City, State and Federal levels there are new laws and regulations that create the need for new or different kinds of transportation projects and programs. Examples include the Moving Ahead for Progress in the 21<sup>st</sup> Century Act (MAP-21), the Growth Management Act, the Clean Air Act, the Commute Trip Reduction law, the Endangered Species Act and the Surface Water Management Ordinance. All have tremendous impacts on the development and costs of transportation projects.

Interconnection and/or interdependence among TIP projects and with projects by other City departments and by other jurisdictions is another element that affect the development, the prioritization and the timing of transportation projects. Equally important is the likelihood, the time frame and the amount of outside funding that will be obtainable to finance transportation projects.

In summary, with its heavy dependence on many different and unpredictable sources of external funding and with the significant impacts created by ongoing local and regional land use decisions, transportation project development is a continuous activity comprised of a multitude of diverse elements.

## SUMMARY OF PROJECTS AND PROGRAMS

Type	TIP	Priority	Project Title	2017	2018	2019	2020	2021	2022	Six-Year Period Total	Total Project	
											Funded	Unfunded
Maintenance & Preservation	36	*	NE 31st St Bridge Replacement	1,019,757						1,019,757	1,019,757	
	37	*	N 27th Pl Culvert Scour Repair	38,254						38,254	38,254	
	1	1	Street Overlay	995,000	1,790,000	1,880,000	1,970,000	2,070,000	2,170,000	10,875,000	6,950,000	3,925,000
	2	2	Arterial Rehabilitation Program	530,200	1,273,500	882,000	930,000	980,000	1,030,000	5,625,700	3,729,700	1,896,000
	27	3	Preservation of Traffic Oper Device Program	62,000	62,000	62,000	62,000	62,000	62,000	372,000	372,000	
	23	4	Bridge Inspection & Repair Program	50,000	50,000	100,000	100,000	100,000	100,000	500,000	220,000	280,000
	21	5	Sidewalk Rehabilitation and Replacem Prog	100,000	100,000	100,000	130,000	130,000	100,000	660,000	660,000	
	22	6	Maple Valley Highway Attenuator		181,000	999,200				1,180,200		1,180,200
Corridor Projects	24	7	Roadway Safety and Guardrail Program	15,000	15,000	15,000	20,000	25,000	25,000	115,000	115,000	
	4	*	SW 27th St/Strander Blvd Connection									
	15	*	S 7th St - Rainier Ave S to Talbot Rd S			200,000	1,400,000	1,300,000	5,800,000	8,700,000		8,700,000
	11	*	Carr Road Improvements			200,000				200,000		200,000
	3	*	Logan Ave N Improvements			1,240,000	10,000,000	6,000,000	7,440,000	24,680,000		24,680,000
	35	*	Sunset Lane/NE 10th St Roadway Improvements									
	8	1	Connecting Downtown Renton Improvement Project	600,000	1,690,000	3,880,000	130,000	1,700,000	7,400,000	15,400,000	6,300,000	9,100,000
	6	2	Duval Ave NE - NE 4th St to Sunset Blvd NE	4,003,000		2,500,000	6,500,000			13,003,000	4,003,000	9,000,000
	9	3	Park Ave N Extension	250,000	10,000,000					10,250,000	250,000	10,000,000
	12	4	NE Sunset Boulevard (SR 900) Corridor	1,000,000	1,000,000	2,000,000	7,550,000	10,600,000	9,375,000	31,525,000	1,000,000	30,525,000
	7	5	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	1,500,000	500,000	3,958,000	8,320,000	5,730,000	1,950,000	21,958,000	2,458,000	19,500,000
	39	6	South Lake Washington Transit Stop	610,000	2,400,000					3,010,000		3,010,000
	17	7	Houser Way N - N 8th St to Lake Washington Blvd				815,000	1,330,000	2,030,000	4,175,000	61,000	4,114,000
	5	8	NE 3rd/NE 4th Corridor			700,000	3,540,000	4,680,000	2,700,000	11,620,000		11,620,000
	13	9	Sunset Area Green Connections				3,600,000	10,700,000	7,900,000	22,200,000		22,200,000
	16	10	S Grady Way - Talbot Rd S to Rainier Ave S			500,000	1,275,000	1,500,000		3,275,000		3,275,000
	10	11	116th Ave SE Improvements			600,000	1,600,000	4,140,000	3,160,000	9,500,000		9,500,000
	33	12	Lake Washington Blvd N - Park Ave N to Gene Coulon Me		1,000,000	1,000,000				2,000,000	2,000,000	
	38	13	Rainier Ave N Corridor Improvements - Phase 5					100,000	4,400,000	4,500,000		4,500,000
Safety	34	14	Lind Ave SW - SW 16th St to SW 43rd St				400,000	1,650,000	2,350,000	4,400,000		4,400,000
	14	15	Oakesdale Ave SW/Monster Rd SW/68th Ave S to SR 900					50,000	8,000,000	8,050,000		8,050,000
Non-Motorized	25	1	Intersection Safety & Mobility Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,500,000	
	26	2	Traffic Safety Program	60,000	60,000	60,000	60,000	60,000	60,000	360,000	360,000	
Other	19	1	Lake to Sound (L2S) Trail		1,250,000	1,550,000				2,800,000	2,800,000	
	18	2	Lake Washington Loop Trail	952,500	1,140,000	686,406	1,200,000	3,750,000	3,750,000	11,478,906	2,778,906	8,700,000
	29	3	Barrier-Free Transition Plan Implementation	30,000	30,000	30,000	40,000	40,000	41,000	211,000	211,000	
	20	4	Walkway Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,500,000	
Other	31	1	Arterial Circulation Program	145,000	145,000	145,000	150,000	150,000	150,000	885,000	885,000	
	30	2	Project Development & Pre-Design Program	115,000	115,000	115,000	120,000	120,000	125,000	710,000	710,000	
	28	3	ITS Program	30,000	30,000	30,000	30,000	30,000	30,000	180,000	180,000	
	32	4	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000	90,000	
Total Sources				12,620,711	23,346,500	23,947,606	50,457,000	57,512,000	70,663,000	238,546,817	40,191,617	198,355,200

\* Project under construction

RESOLUTION NO. 4293





## SECTION FOUR – EXPENDITURES AND REVENUES

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<b>SUMMARY OF PROJECT EXPENDITURES</b>	<b>18</b>
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## SUMMARY OF PROJECT EXPENDITURES

TIP	Project Title	2017	2018	2019	2020	2021	2022	Period Total	Community Planning Area
1	Street Overlay	995,000	1,790,000	1,880,000	1,970,000	2,070,000	2,170,000	10,875,000	Citywide
2	Arterial Rehabilitation Program	530,200	1,273,500	882,000	930,000	980,000	1,030,000	5,625,700	Citywide
3	Logan Ave N Improvements			1,240,000	10,000,000	6,000,000	7,440,000	24,680,000	City Center
4	SW 27th St/Strander Blvd Connection								Valley
5	NE 3rd/NE 4th Corridor			700,000	3,540,000	4,680,000	2,700,000	11,620,000	Highlands & East Plateau
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE	4,003,000		2,500,000	6,500,000			13,003,000	Highlands & East Plateau
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	1,500,000	500,000	3,958,000	8,320,000	5,730,000	1,950,000	21,958,000	City Center
8	Connecting Downtown Renton Improvement Project	600,000	1,690,000	3,880,000	130,000	1,700,000	7,400,000	15,400,000	City Center
9	Park Ave N Extension	250,000	10,000,000					10,250,000	City Center
10	116th Ave SE Improvements			600,000	1,600,000	4,140,000	3,160,000	9,500,000	Benson
11	Carr Road Improvements			200,000				200,000	Talbot & Benson
12	NE Sunset Boulevard (SR 900) Corridor	1,000,000	1,000,000	2,000,000	7,550,000	10,600,000	9,375,000	31,525,000	City Center, Highlands & East Plateau
13	Sunset Area Green Connections				3,600,000	10,700,000	7,900,000	22,200,000	Highlands
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S to SR 900					50,000	8,000,000	8,050,000	West Hill
15	S 7th St - Rainier Ave S to Talbot Rd S			200,000	1,400,000	1,300,000	5,800,000	8,700,000	City Center
16	S Grady Way - Talbot Rd S to Rainier Ave S			500,000	1,275,000	1,500,000		3,275,000	City Center
17	Houser Way N - N 8th St to Lake Washington Blvd				815,000	1,330,000	2,030,000	4,175,000	City Center
18	Lake Washington Loop Trail	952,500	1,140,000	686,406	1,200,000	3,750,000	3,750,000	11,478,906	City Center
19	Lake to Sound (L2S) Trail		1,250,000	1,550,000				2,800,000	City Center & Valley
20	Walkway Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	Citywide
21	Sidewalk Rehabilitation and Replacem Prog	100,000	100,000	100,000	130,000	130,000	100,000	660,000	Citywide
22	Maple Valley Highway Attenuator		181,000	999,200				1,180,200	Cedar River
23	Bridge Inspection & Repair Program	50,000	50,000	100,000	100,000	100,000	100,000	500,000	Citywide
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	20,000	25,000	25,000	115,000	Citywide
25	Intersection Safety & Mobility Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	Citywide
26	Traffic Safety Program	60,000	60,000	60,000	60,000	60,000	60,000	360,000	Citywide
27	Preservation of Traffic Oper Device Program	62,000	62,000	62,000	62,000	62,000	62,000	372,000	Citywide
28	ITS Program	30,000	30,000	30,000	30,000	30,000	30,000	180,000	Citywide
29	Barrier-Free Transition Plan Implementation	30,000	30,000	30,000	40,000	40,000	41,000	211,000	Citywide
30	Project Development & Pre-Design Program	115,000	115,000	115,000	120,000	120,000	125,000	710,000	N/A
31	Arterial Circulation Program	145,000	145,000	145,000	150,000	150,000	150,000	885,000	N/A
32	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000	N/A
33	Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial P		1,000,000	1,000,000				2,000,000	City Center
34	Lind Ave SW - SW 16th St to SW 43rd St				400,000	1,650,000	2,350,000	4,400,000	Valley
35	Sunset Lane/NE 10th St Roadway Improvements								Highlands
36	NE 31st St Bridge Replacement	1,019,757						1,019,757	Kennydale
37	N 27th Pl Culvert Scour Repair	38,254						38,254	Kennydale
38	Rainier Ave N Corridor Improvements - Phase 5					100,000	4,400,000	4,500,000	City Center
39	South Lake Washington Transit Stop	610,000	2,400,000					3,010,000	City Center
	<b>Total Expenditures</b>	<b>12,620,711</b>	<b>23,346,500</b>	<b>23,947,606</b>	<b>50,457,000</b>	<b>57,512,000</b>	<b>70,663,000</b>	<b>238,546,817</b>	

\*Including unfunded amounts.

## CITY OF RENTON FUNDS

(Fund Balance + Vehicle Fuel Tax + Business License + B&O + Impact Fee + Other)

TIP	Project Title	2017	2018	2019	2020	2021	2022	Period Total
1	Street Overlay	995,000	1,070,000	1,130,000	1,190,000	1,250,000	1,315,000	6,950,000
2	Arterial Rehabilitation Program	365,000	418,000	441,000	465,000	490,000	530,000	2,709,000
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE	801,503						801,503
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	202,500	67,500	61,830				331,830
8	Connecting Downtown Renton Improvement Project	210,000	122,000	367,000	11,000			710,000
9	Park Ave N Extension	250,000						250,000
10	116th Ave SE Improvements							
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor	501,559						501,559
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S to SR 900							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington Blvd					16,000	45,000	61,000
18	Lake Washington Loop Trail	70,000						70,000
19	Lake to Sound (L2S) Trail							
20	Walkway Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
21	Sidewalk Rehabilitation and Replacem Prog	100,000	100,000	100,000	130,000	130,000	100,000	660,000
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program	50,000	50,000	30,000	30,000	30,000	30,000	220,000
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	20,000	25,000	25,000	115,000
25	Intersection Safety & Mobility Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
26	Traffic Safety Program	60,000	60,000	60,000	60,000	60,000	60,000	360,000
27	Preservation of Traffic Oper Device Program	62,000	62,000	62,000	62,000	62,000	62,000	372,000
28	ITS Program	30,000	30,000	30,000	30,000	30,000	30,000	180,000
29	Barrier-Free Transition Plan Implementation	30,000	30,000	30,000	40,000	40,000	41,000	211,000
30	Project Development & Pre-Design Program	115,000	115,000	115,000	120,000	120,000	125,000	710,000
31	Arterial Circulation Program	145,000	145,000	145,000	150,000	150,000	150,000	885,000
32	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000
33	Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial Park							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvements							
36	NE 31st St Bridge Replacement	142,487						142,487
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase 5							
39	South Lake Washington Transit Stop							
	<b>Total Sources</b>	<b>4,660,049</b>	<b>2,799,500</b>	<b>3,101,830</b>	<b>2,823,000</b>	<b>2,918,000</b>	<b>3,028,000</b>	<b>19,330,379</b>

## SUMMARY OF FUNDING SOURCES

		Period						
	ITEM	2017	2018	2019	2020	2021	2022	Period Total
SIX-YEAR PROJECT COSTS:								
	Planning	275,000	255,000	453,000	265,000	415,000	270,000	1,933,000
	Design	4,352,500	2,196,000	5,338,000	8,990,000	2,990,000	9,540,000	33,406,500
	R-O-W (includes Admin)	835,000	5,025,000	6,560,000	12,665,000	2,800,000	3,000,000	30,885,000
	Construction Contract	6,042,007	13,562,500	9,763,825	23,172,000	42,977,000	46,998,000	142,515,332
	Construction Management	1,091,204	2,283,000	1,797,781	5,330,000	8,295,000	10,820,000	29,616,985
	Other/ Post Const. Services	25,000	25,000	35,000	35,000	35,000	35,000	190,000
Sub - TOTAL SIX-YEAR COST		12,620,711	23,346,500	23,947,606	50,457,000	57,512,000	70,663,000	238,546,817
SOURCE OF FUNDS:								
	Vehicle Fuel Tax	660,000	670,000	680,000	690,000	700,000	710,000	4,110,000
	Business License Fee and B&O Share	2,114,460	2,156,749	2,199,884	2,243,882	2,288,760	2,334,535	13,338,269
	Fund Balance+Held reserve	704,059						704,059
	Grants In-Hand	7,313,162	3,281,000	3,310,258	80,000			13,984,420
	Mitigation In-Hand	1,005,000	5,000	5,000	5,000	5,000	5,000	1,030,000
	WSDOT charges (deducted from grants)	-10,000						-10,000
	Other In-Hand	247,500	3,087,000	4,202,318	50,000			7,586,818
Sub - TOTAL SIX-YEAR FUNDED		12,034,181	9,199,749	10,397,460	3,068,882	2,993,760	3,049,535	40,743,566
	Undetermined	610,000	14,301,000	13,700,200	47,515,000	54,594,000	67,635,000	198,355,200
Sub - TOTAL SIX-YEAR UNFUNDED		610,000	14,301,000	13,700,200	47,515,000	54,594,000	67,635,000	198,355,200
	Not allocated Business License	23,470	154,249	150,054	126,882	75,760	21,535	551,949
TOTAL SOURCES - FUNDED & UNFUNDED		12,620,711	23,346,500	23,947,606	50,457,000	57,512,000	70,663,000	238,546,817

<sup>1</sup> Not included in the programmed above



## VEHICLE FUEL TAX

TIP	Project Title	2017	2018	2019	2020	2021	2022	Period Total
1	Street Overlay	660,000	670,000	680,000	690,000	700,000	710,000	4,110,000
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE							
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)							
8	Connecting Downtown Renton Improvement Project							
9	Park Ave N Extension							
10	116th Ave SE Improvements							
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor							
13	Sunset Area Green Connections							
14	Oakdale Ave SW/Monster Rd SW/68th Ave S to SR 900							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington Blvd							
18	Lake Washington Loop Trail							
19	Lake to Sound (L2S) Trail							
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program							
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program							
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial Park							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvements							
36	NE 31st St Bridge Replacement							
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase 5							
39	South Lake Washington Transit Stop							
	Total Sources	660,000	670,000	680,000	690,000	700,000	710,000	4,110,000

RESOLUTION NO. 4293

## BUSINESS LICENSE AND BUSINESS & OCCUPATION

TIP	Project Title	2017	2018	2019	2020	2021	2022	Period Total
1	Street Overlay	335,000	400,000	450,000	500,000	550,000	605,000	2,840,000
2	Arterial Rehabilitation Program	365,000	418,000	441,000	465,000	490,000	530,000	2,709,000
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE	51,503						51,503
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)		67,500	61,830				129,330
8	Connecting Downtown Renton Improvement Project	10,000						10,000
9	Park Ave N Extension							
10	116th Ave SE Improvements							
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor							
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S to SR 900							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington Blvd					16,000	45,000	61,000
18	Lake Washington Loop Trail	70,000						70,000
19	Lake to Sound (L2S) Trail							
20	Walkway Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
21	Sidewalk Rehabilitation and Replacem Prog	100,000	100,000	100,000	130,000	130,000	100,000	660,000
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program	50,000	50,000	30,000	30,000	30,000	30,000	220,000
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	20,000	25,000	25,000	115,000
25	Intersection Safety & Mobility Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
26	Traffic Safety Program	55,000	55,000	55,000	55,000	55,000	55,000	330,000
27	Preservation of Traffic Oper Device Program	62,000	62,000	62,000	62,000	62,000	62,000	372,000
28	ITS Program	30,000	30,000	30,000	30,000	30,000	30,000	180,000
29	Barrier-Free Transition Plan Implementation	30,000	30,000	30,000	40,000	40,000	41,000	211,000
30	Project Development & Pre-Design Program	115,000	115,000	115,000	120,000	120,000	125,000	710,000
31	Arterial Circulation Program	145,000	145,000	145,000	150,000	150,000	150,000	885,000
32	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000
33	Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial Park							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvements							
36	NE 31st St Bridge Replacement	142,487						142,487
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase 5							
39	South Lake Washington Transit Stop							
	Not Allocated - To Fund Balance	23,470	154,249	150,054	126,882	75,760	21,535	551,949
	<b>Total Sources</b>	<b>2,114,460</b>	<b>2,156,749</b>	<b>2,199,884</b>	<b>2,243,882</b>	<b>2,288,760</b>	<b>2,334,535</b>	<b>13,338,269</b>

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## PROPOSED FUND BALANCE + HELD IN RESERVE

TIP	Project Title	2017	2018	2019	2020	2021	2022	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
5	NE 3rd/NE 4th Corridor							
6	Duval Ave NE - NE 4th St to Sunset Blvd NE							
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	202,500						202,500
8	Connecting Downtown Renton Improvement Project							
9	Park Ave N Extension							
10	116th Ave SE Improvements							
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor	501,559						501,559
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S to SR 900							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington Blvd							
18	Lake Washington Loop Trail							
19	Lake to Sound (L2S) Trail							
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program							
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program							
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial Park							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvements							
36	NE 31st St Bridge Replacement							
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase 5							
39	South Lake Washington Transit Stop							
	<b>Total Sources</b>	<b>704,059</b>						<b>704,059</b>

RESOLUTION NO. 4293

## GRANTS IN-HAND

TIP	Project Title	2017	2018	2019	2020	2021	2022	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program	165,200	855,500					1,020,700
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE	3,201,497						3,201,497
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	1,297,500	432,500	396,170				2,126,170
8	Connecting Downtown Renton Improvement Project	390,000	1,040,000	2,340,000	80,000			3,850,000
9	Park Ave N Extension							
10	116th Ave SE Improvements							
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor	503,441						503,441
13	Sunset Area Green Connections							
14	Oakdale Ave SW/Monster Rd SW/68th Ave S to SR 900							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington Blvd							
18	Lake Washington Loop Trail	840,000	953,000	574,088				2,367,088
19	Lake to Sound (L2S) Trail							
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program							
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program							
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvements							
36	NE 31st St Bridge Replacement	877,270						877,270
37	N 27th Pl Culvert Scour Repair	38,254						38,254
38	Rainier Ave N Corridor Improvements - Phase 5							
39	South Lake Washington Transit Stop							
	<b>Total Sources</b>	<b>7,313,162</b>	<b>3,281,000</b>	<b>3,310,258</b>	<b>80,000</b>			<b>13,984,420</b>

RESOLUTION NO. 4293



## MITIGATION IN-HAND (IMPACT FEES)

TIP	Project Title	2017	2018	2019	2020	2021	2022	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE	750,000						750,000
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)							
8	Connecting Downtown Renton Improvement Project							
9	Park Ave N Extension	250,000						250,000
10	116th Ave SE Improvements							
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor							
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S to SR 900							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington Blvd							
18	Lake Washington Loop Trail							
19	Lake to Sound (L2S) Trail							
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program							
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program	5,000	5,000	5,000	5,000	5,000	5,000	30,000
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial Park							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvements							
36	NE 31st St Bridge Replacement							
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase 5							
39	South Lake Washington Transit Stop							
	Not Allocated - To Mitigation Balance	352,000	627,400	640,048	652,949	666,108	679,530	3,618,035
	Total Sources	1,357,000	632,400	645,048	657,949	671,108	684,530	4,648,035

## OTHER IN-HAND

(Includes: General Fund, WSDOT and Developer Contributions)

TIP	Project Title	2017	2018	2019	2020	2021	2022	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE							
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)							
8	Connecting Downtown Renton Improvement Project	200,000	122,000	367,000	11,000			700,000
9	Park Ave N Extension							
10	116th Ave SE Improvements							
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor							
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S to SR 900							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington Blvd							
18	Lake Washington Loop Trail	47,500						47,500
19	Lake to Sound (L2S) Trail		1,250,000	1,550,000				2,800,000
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program							
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program							
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial Park		1,000,000	1,000,000				2,000,000
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvements							
36	NE 31st St Bridge Replacement							
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase 5							
39	South Lake Washington Transit Stop							
	<b>Total Sources</b>	<b>247,500</b>	<b>2,372,000</b>	<b>2,917,000</b>	<b>11,000</b>			<b>5,547,500</b>

## Funding Sources (To Be Determined)

TIP	Project Title	2017	2018	2019	2020	2021	2022	Period Total
1	Street Overlay		720,000	750,000	780,000	820,000	855,000	3,925,000
2	Arterial Rehabilitation Program			441,000	465,000	490,000	500,000	1,896,000
3	Logan Ave N Improvements			1,240,000	10,000,000	6,000,000	7,440,000	24,680,000
4	SW 27th St/Strander Blvd Connection							
5	NE 3rd/NE 4th Corridor			700,000	3,540,000	4,680,000	2,700,000	11,620,000
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE			2,500,000	6,500,000			9,000,000
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)			3,500,000	8,320,000	5,730,000	1,950,000	19,500,000
8	Connecting Downtown Renton Improvement Project		528,000	1,173,000	39,000	1,700,000	7,400,000	10,840,000
9	Park Ave N Extension		10,000,000					10,000,000
10	116th Ave SE Improvements			600,000	1,600,000	4,140,000	3,160,000	9,500,000
11	Carr Road Improvements			200,000				200,000
12	NE Sunset Boulevard (SR 900) Corridor		1,000,000	2,000,000	7,550,000	10,600,000	9,375,000	30,525,000
13	Sunset Area Green Connections				3,600,000	10,700,000	7,900,000	22,200,000
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S to SR 900					50,000	8,000,000	8,050,000
15	S 7th St - Rainier Ave S to Talbot Rd S			200,000	1,400,000	1,300,000	5,800,000	8,700,000
16	S Grady Way - Talbot Rd S to Rainier Ave S			500,000	1,275,000	1,500,000		3,275,000
17	Houser Way N - N 8th St to Lake Washington Blvd				815,000	1,314,000	1,985,000	4,114,000
18	Lake Washington Loop Trail		187,000	112,318	1,200,000	3,750,000	3,750,000	8,999,318
19	Lake to Sound (L2S) Trail							
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator		181,000	999,200				1,180,200
23	Bridge Inspection & Repair Program			70,000	70,000	70,000	70,000	280,000
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program							
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial Park							
34	Lind Ave SW - SW 16th St to SW 43rd St				400,000	1,650,000	2,350,000	4,400,000
35	Sunset Lane/NE 10th St Roadway Improvements							
36	NE 31st St Bridge Replacement							
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase 5					100,000	4,400,000	4,500,000
39	South Lake Washington Transit Stop	610,000	2,400,000					3,010,000
	<b>Total Undetermined</b>	<b>610,000</b>	<b>15,016,000</b>	<b>14,985,518</b>	<b>47,554,000</b>	<b>54,594,000</b>	<b>67,635,000</b>	<b>200,394,518</b>



## SECTION FIVE – PROJECT DESCRIPTIONS

### SUMMARY OF PROJECTS AND COSTS

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## SUMMARY OF PROJECTS AND COSTS

TIP	Project Title	2017	2018	2019	2020	2021	2022	Six-Year Period Total	Total Funded	Total Unfunded
1	Street Overlay	995,000	1,790,000	1,880,000	1,970,000	2,070,000	2,170,000	10,875,000	6,950,000	3,925,000
2	Arterial Rehabilitation Program	530,200	1,273,500	882,000	930,000	980,000	1,030,000	5,625,700	3,729,700	1,896,000
3	Logan Ave N Improvements			1,240,000	10,000,000	6,000,000	7,440,000	24,680,000		24,680,000
4	SW 27th St/Strander Blvd Connection									
5	NE 3rd/NE 4th Corridor			700,000	3,540,000	4,680,000	2,700,000	11,620,000		11,620,000
6	Duval Ave NE - NE 4th St to Sunset Blvd NE	4,003,000		2,500,000	6,500,000			13,003,000	4,003,000	9,000,000
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	1,500,000	500,000	3,958,000	8,320,000	5,730,000	1,950,000	21,958,000	2,458,000	19,500,000
8	Connecting Downtown Renton Improvement Project	600,000	1,690,000	3,880,000	130,000	1,700,000	7,400,000	15,400,000	4,560,000	10,840,000
9	Park Ave N Extension	250,000	10,000,000					10,250,000	250,000	10,000,000
10	116th Ave SE Improvements			600,000	1,600,000	4,140,000	3,160,000	9,500,000		9,500,000
11	Carr Road Improvements			200,000				200,000		200,000
12	NE Sunset Boulevard (SR 900) Corridor	1,000,000	1,000,000	2,000,000	7,550,000	10,600,000	9,375,000	31,525,000	1,000,000	30,525,000
13	Sunset Area Green Connections				3,600,000	10,700,000	7,900,000	22,200,000		22,200,000
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S to SR 90					50,000	8,000,000	8,050,000		8,050,000
15	S 7th St - Rainier Ave S to Talbot Rd S			200,000	1,400,000	1,300,000	5,800,000	8,700,000		8,700,000
16	S Grady Way - Talbot Rd S to Rainier Ave S			500,000	1,275,000	1,500,000		3,275,000		3,275,000
17	Houser Way N - N 8th St to Lake Washington Blvd				815,000	1,330,000	2,030,000	4,175,000	61,000	4,114,000
18	Lake Washington Loop Trail	952,500	1,140,000	686,406	1,200,000	3,750,000	3,750,000	11,478,906	2,479,588	8,999,318
19	Lake to Sound (L2S) Trail		1,250,000	1,550,000				2,800,000	2,800,000	
20	Walkway Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,500,000	
21	Sidewalk Rehabilitation and Replacem Prog	100,000	100,000	100,000	130,000	130,000	100,000	660,000	660,000	
22	Maple Valley Highway Attenuator		181,000	999,200				1,180,200		1,180,200
23	Bridge Inspection & Repair Program	50,000	50,000	100,000	100,000	100,000	100,000	500,000	220,000	280,000
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	20,000	25,000	25,000	115,000	115,000	
25	Intersection Safety & Mobility Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,500,000	
26	Traffic Safety Program	60,000	60,000	60,000	60,000	60,000	60,000	360,000	360,000	
27	Preservation of Traffic Oper Device Program	62,000	62,000	62,000	62,000	62,000	62,000	372,000	372,000	
28	ITS Program	30,000	30,000	30,000	30,000	30,000	30,000	180,000	180,000	
29	Barrier-Free Transition Plan Implementation	30,000	30,000	30,000	40,000	40,000	41,000	211,000	211,000	
30	Project Development & Pre-Design Program	115,000	115,000	115,000	120,000	120,000	125,000	710,000	710,000	
31	Arterial Circulation Program	145,000	145,000	145,000	150,000	150,000	150,000	885,000	885,000	
32	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000	90,000	
33	Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial Park		1,000,000	1,000,000				2,000,000	2,000,000	
34	Lind Ave SW - SW 16th St to SW 43rd St				400,000	1,650,000	2,350,000	4,400,000		4,400,000
35	Sunset Lane/NE 10th St Roadway Improvements									
36	NE 31st St Bridge Replacement	1,019,757						1,019,757	1,019,757	
37	N 27th Pl Culvert Scour Repair	38,254						38,254	38,254	
38	Rainier Ave N Corridor Improvements - Phase 5					100,000	4,400,000	4,500,000		4,500,000
39	South Lake Washington Transit Stop	610,000	2,400,000					3,010,000		3,010,000
	<b>Total Sources</b>	<b>12,620,711</b>	<b>23,346,500</b>	<b>23,947,606</b>	<b>50,457,000</b>	<b>57,512,000</b>	<b>70,663,000</b>	<b>238,546,817</b>	<b>38,152,299</b>	<b>200,394,518</b>

RESOLUTION NO. 4293

# TIP NO. 1 - STREET OVERLAY

Street Overlay					Functional Classification: N/A Proj. Length: N/A TIP No. 1 CONTACT: Pat Zellner 122108 425.430.2280					
Community Planning Area: N/A										
<b>DESCRIPTION:</b> Annual program for repairing and resurfacing existing roadways, maintaining the City's Pavement Management System and providing data for deficiency ratings. Installation of ADA compliant curb ramps has been incorporated into the annual Street Overlay Program in accordance with federal requirements. This program funds overlays on neighborhood streets and collector streets. The Arterial Rehabilitation Program funds principal and minor arterials.  <b>JUSTIFICATION:</b> Asphalt concrete pavement (ACP) overlay and slurry seal of streets provide for improved driving surface and are highly cost-effective ways of avoiding expensive repairs and reconstruction. The Pavement Management System and biennial survey of roadway conditions greatly improve the efficiency of the Overlay Program.					<b>STATUS:</b> The 2014 "Pavement Management Program State of the Streets Report" rated the average Pavement Condition Index (PCI) as 72. A review of the report to assess the needed funding will be conducted in 2016. A new source of funding will need to be identified to accommodate any increase in expenditures.  <b>CHANGES:</b> This program allocates \$100K/yr for the overlay of alley ways. The alley ways funding for 2015 was reserved to complete the alley way on the SW quadrant of S 2nd St and Main Ave S in 2016.					
					Funded :		8,591,375		Unfunded :	
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent In 2015	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning										
Preliminary Engineering	28,000		4,000	24,000	4,000	4,000	4,000	4,000	4,000	4,000
R-O-W (includes Admin)										
Construction	12,041,124	839,124	687,000	10,515,000	935,000	1,730,000	1,820,000	1,910,000	2,010,000	2,110,000
Construction Services	447,251	58,251	53,000	336,000	56,000	56,000	56,000	56,000	56,000	56,000
Post Construction Services										
TOTAL EXPENSES	12,516,375	897,375	744,000	10,875,000	995,000	1,790,000	1,880,000	1,970,000	2,070,000	2,170,000
SOURCE OF FUNDS:										
Vehicle Fuel Tax	5,400,000	640,000	650,000	4,110,000	660,000	670,000	680,000	690,000	700,000	710,000
Business & Occupation Share	3,134,000	200,000	94,000	2,840,000	335,000	400,000	450,000	500,000	550,000	605,000
Proposed Fund Balance	57,375	57,375								
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	3,925,000			3,925,000		720,000	750,000	780,000	820,000	855,000
TOTAL SOURCES	12,516,375	897,375	744,000	10,875,000	995,000	1,790,000	1,880,000	1,970,000	2,070,000	2,170,000

RESOLUTION NO. 4293



## TIP NO. 2 - ARTERIAL REHABILITATION PROGRAM

<b>Arterial Rehabilitation Program</b>				<b>Functional Classification:</b> Various <b>Proj. Length:</b> N/A <b>Proj:</b> 122186 <b>Community Planning Area:</b> N/A <b>TIP No.</b> 2 <b>CONTACT:</b> Pat Zellner 425.430.2280							
<b>DESCRIPTION:</b> This program provides for the rehabilitation of principal and minor arterial streets. Installation of ADA-compliant curb ramps has been incorporated into the annual Arterial Rehabilitation and Overlay programs according to new federal requirements.				<b>STATUS:</b> Paving schedule: 2016 used as match on Duvall Ave NE; 2017 and 2018: Renton Ave Ext (S 130th St to Taylor Ave NW). A STP grant of \$1,020,700 is under recommendation (2016) for Renton Ave Ext.							
<b>JUSTIFICATION:</b> The Overlay Program (TIP #1) concentrates to a great degree on maintaining residential streets, where relatively small traffic volumes and less truck and bus traffic make standard asphalt overlays a long term means of maintenance. Arterial streets can often deteriorate rather quickly and often require more costly rehabilitation measures and/or costly temporary repairs to avoid more extensive deterioration.				<b>CHANGES:</b> Funds for 2015 and 2016 are being used as match for the Duvall Ave NE (NE 4th to NE 10th St) preservation grant. Funds in 2017 and 2018 are reserved as match for Renton Ave Ext preservation grant.							
				<b>Funded :</b>		<b>5,885,763</b>		<b>Unfunded :</b>		<b>1,896,000</b>	
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>							
<b>ITEM</b>	<b>Programmed</b>	<b>Spent in 2015</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	
<b>EXPENSES:</b>											
Planning											
Preliminary Engineering	521,000	56,063	184,937	280,000	280,000						
R-O-W (includes Admin)											
Construction	6,734,813		1,442,063	5,292,750	197,250	1,273,500	882,000	930,000	980,000	1,030,000	
Construction Services	525,950		473,000	52,950	52,950						
Post Construction Services											
<b>TOTAL EXPENSES</b>	<b>7,781,763</b>	<b>56,063</b>	<b>2,100,000</b>	<b>5,625,700</b>	<b>530,200</b>	<b>1,273,500</b>	<b>882,000</b>	<b>930,000</b>	<b>980,000</b>	<b>1,030,000</b>	
<b>SOURCE OF FUNDS:</b>											
Vehicle Fuel Tax											
Business & Occupation Share	3,242,413	22,413	511,000	2,709,000	365,000	418,000	441,000	465,000	490,000	530,000	
Proposed Fund Balance	390,650		390,650								
Grants In-Hand (STP-Preservation)	2,257,700	33,650	1,203,350	1,020,700	165,200	855,500					
Grants In-Hand (2)											
Mitigation In-Hand											
WSDOT State (deducted from grant at	-5,000		-5,000								
Other In-Hand (1)											
Other In-Hand (2)											
Undetermined	1,896,000			1,896,000			441,000	465,000	490,000	500,000	
<b>TOTAL SOURCES</b>	<b>7,781,763</b>	<b>56,063</b>	<b>2,100,000</b>	<b>5,625,700</b>	<b>530,200</b>	<b>1,273,500</b>	<b>882,000</b>	<b>930,000</b>	<b>980,000</b>	<b>1,030,000</b>	

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## TIP NO. 3 - LOGAN AVENUE NORTH IMPROVEMENTS

<b>Logan Ave N Improvements</b>				<b>Functional Classification:</b> Principal Arterial				<b>Fund:</b> 317		
				<b>Proj. Length:</b> 0.76 mi				<b>Proj:</b> 122303		
<b>Community Planning Area:</b> City Center				<b>TIP No.</b> 3		<b>CONTACT:</b> James Wilhoit 425.430.7319				
<b>DESCRIPTION:</b> Phase 1 (from Cedar River Bridge to N 6th st) includes reconstruction of the roadway pavement, new traffic signal and new curb, gutter, sidewalks, landscaped buffer, streetlights on the east side of Logan Ave N. Phase 2 (N 6th St to Park Ave N) will add a northbound lane, new curb, gutter, sidewalks (on the east side), landscaped buffer, and a pedestrian/bicycle trail (west side), streetlights, pedestrian scale illumination, crosswalks, pedestrians ramps, channelization.  <b>JUSTIFICATION:</b> The condition of the roadway pavement has deteriorated (due to increase in commuter and freight volume) to the extend that total replacement may be needed. The increase in traffic and the new RapidRide transit have warranted widening to add a northbound lane. Included with the improvements are urban roadway amenities to implement "Complete Streets" practice per City code.					<b>STATUS:</b> The City was awarded a STP grant in the amount of \$951,000 for design in 2012. A TIB grant in the amount of \$3,912,242 was awarded in 2013. A STP grant in the amount of \$2,490,000 was awarded in 2014 for construction of Phase 1. Phase 2 is pending future grant funding availability.					
					<b>CHANGES:</b> The design work for the bicycle crossing on Cedar River bridge has been moved to TIP 18 - Loop Trail. Transit Signal Priority (TSP) at Logan Ave with Airport Way has been completed as part of the RapidRide implementation. Funding in 2016 is for construction of Phase 1. Future phases are under project development and design.					
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>						
<b>ITEM</b>	<b>Programmed</b>	<b>Spent Pre-2016</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>EXPENSES:</b>										
Planning	39,760	39,760								
Preliminary Engineering	3,245,544	1,005,544		2,240,000			1,240,000	1,000,000		
R-O-W (includes Admin)	9,033,266	33,266		9,000,000				9,000,000		
Construction	16,250,926	525,166	4,525,760	11,200,000					5,000,000	6,200,000
Construction Services	3,785,889	221,649	1,324,240	2,240,000					1,000,000	1,240,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>32,355,384</b>	<b>1,825,384</b>	<b>5,850,000</b>	<b>24,680,000</b>			<b>1,240,000</b>	<b>10,000,000</b>	<b>6,000,000</b>	<b>7,440,000</b>
<b>SOURCES OF FUNDS:</b>										
Vehicle Fuel Tax										
Business & Occupation Share	27,065	27,065								
Fund Balance	23,355	20,111	3,244							
Grants In-Hand (STP)	3,441,000	1,069,731	2,371,269							
Grants In-Hand (TIB)	3,912,242	508,477	3,403,765							
Mitigation In-Hand	200,000	200,000								
WSDOT State (grant deduction)	-10,000		-10,000							
Other In-Hand (Integra Phone)	54,722		54,722							
Other In-Hand (Boeing Parking Lot)	27,000		27,000							
Undetermined	24,680,000			24,680,000			1,240,000	10,000,000	6,000,000	7,440,000
<b>TOTAL SOURCES</b>	<b>32,355,384</b>	<b>1,825,384</b>	<b>5,850,000</b>	<b>24,680,000</b>			<b>1,240,000</b>	<b>10,000,000</b>	<b>6,000,000</b>	<b>7,440,000</b>

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## TIP NO. 4 - SW 27th STREET/STRANDER BLVD CONNECTION

SW 27th Street/Strander Boulevard Connection				Functional Classification: Minor Arterial				Proj: 122239, 122240			
Community Planning Area: Valley				Proj. Length: 1.27 miles				TIP No. 4			
				CONTACT: Keith Woolley				425.430.7318			
<b>DESCRIPTION:</b> This project provides a critical four/five-lane arterial that will serve as a connector to West Valley Highway (SR 181) and East Valley Road, as well as an arterial connector to SR 167 from the south. The project will provide a grade-separated crossing at the Union Pacific Railroad (UPRR) and Burlington Northern Santa Fe (BNSF) railroad tracks. Bicycle and pedestrian connections will be provided to the Tukwila Station and the Interurban Trail.				<b>STATUS:</b> Ph.1 Seg. 1 is complete. Grants include: TEA-21 funds of \$745,563 (2003); various discretionary totaling \$1,677,185 (2005-2009); a \$4.6M STP Regional; \$7.75M from FMSIB; \$4M (plus \$123,766 for wetland acquisition) from Sound Transit, a \$2.75M from TIB and a City interfund loan of \$700K (loan repayment in a separate TIP No. 4-A). Mitigation funds have been allocated to this phase.							
<b>JUSTIFICATION:</b> A new east-west arterial roadway will connect the cities of Renton and Tukwila and provide significant congestion relief to existing arterials. The new road will provide access to the new Tukwila Station, a multi-modal center being developed by Sound Transit immediately north of the new alignment. By undercrossing the UPRR and BNSF railroads, the new arterial will provide significant benefits to both freight mobility and general motorists.				<b>CHANGES:</b> Phase 1 - Seg 2a - 2 lane roadway from Naches Ave SW to the Sounder Station, including a BNSF bridge is completed. Project in close out. City of Tukwila has taken the lead for future phases.							
				Funded :				31,116,857		Unfunded :	
Project Totals		Programmed Pre-2017		Six-Year Program							
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022	
<b>EXPENSES:</b>											
Planning											
Preliminary Engineering	5,030,912	5,030,912									
R-O-W (includes Admin)	3,842,563	3,842,563									
Construction	16,788,111	16,748,111	40,000								
Construction Services	2,445,829	2,435,829	10,000								
Phase 1, Seg 1 design/constr.	3,009,442	3,009,442									
TOTAL EXPENSES	31,116,857	31,066,857	50,000								
<b>SOURCES OF FUNDS:</b>											
Vehicle Fuel Tax											
Interfund Loan	700,000	700,000									
Gen Fund & Prop.Fund Balance	2,638,698	2,588,698	50,000								
Grants In-Hand (State & Fed)	2,408,422	2,408,422									
Grants In-Hand (FMSIB)	7,697,425	7,697,425									
Mitigation In-Hand	1,413,835	1,413,835									
Bonds	2,799,500	2,799,500									
Other: Sound Transit + FRB	4,687,421	4,687,421									
Grants In-Hand (STP Grant+TIB)	7,346,536	7,346,536									
City of Tukwila Reimb.	1,000,000	1,000,000									
PW Utilites (Water & Surf Water)	425,020	425,020									
Undetermined											
TOTAL SOURCES	31,116,857	31,066,857	50,000								

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## TIP NO. 5 - NE 3rd STREET/NE 4th STREET CORRIDOR IMPROVEMENTS

NE 3rd/NE 4th Corridor Improvements				Functional Classification: Principal						
				Proj. Length: 2.2 mi				Proj: 122176		
Community Planning Area: Highlands & East Plateau				TIP No. 5				CONTACT: Keith Woolley 425.430.7318		
<b>DESCRIPTION:</b> This project involves a series of improvements in this corridor to improve traffic operations such as rechannelization and traffic signal modifications, possible transit priority signal treatments and queue jumps. This project will seek to meet pedestrian, transit and bicycle needs.  <b>JUSTIFICATION:</b> This corridor has a strong potential for transit usage and is experiencing rapid residential and retail growth. The NE 3rd/4th Corridor Study was adopted in May 2005. The study refined the corridor transportation needs and costs, including pedestrian, transit, bicycle improvements, as well as streetscape enhancement.				<b>STATUS:</b> The estimated cost for all corridor improvements (from Sunset Blvd N to the east City limits) is \$46M. Phase 1 constructed a new signal and other improvements at NE 4th St and Whitman Ave NE. The project received a grant from TIB for Phase 1. Programmed expenses (2019-2022) are placeholders for future phases.  <b>CHANGES:</b> Future phases are dependent on the receipt of grants.						
				Funded :		3,719,085		Unfunded :		11,620,000
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022
<b>EXPENSES:</b>										
Planning	218,420	218,420								
Preliminary Engineering	2,176,917	776,917		1,400,000			700,000	700,000		
R-O-W (includes Admin)	584,024	84,024		500,000				500,000		
Construction	9,316,803	2,316,803		7,000,000				2,000,000	4,000,000	1,000,000
Construction Services	3,042,921	322,921		2,720,000				340,000	680,000	1,700,000
Post Construction Services										
TOTAL EXPENSES	15,339,085	3,719,085		11,620,000			700,000	3,540,000	4,680,000	2,700,000
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business & Occupation Share	422,831	422,831								
Proposed Fund Balance	1,024,433	1,024,433								
Grants In-Hand (TIB)	1,495,542	1,495,542								
Grants In-Hand (2)										
Mitigation In-Hand	373,700	373,700								
Other In-Hand (KC WD#90)	352,541	352,541								
Other In-Hand (Franchise Reimb.)	50,038	50,038								
Undetermined	11,620,000			11,620,000			700,000	3,540,000	4,680,000	2,700,000
TOTAL SOURCES	15,339,085	3,719,085		11,620,000			700,000	3,540,000	4,680,000	2,700,000

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## TIP NO. 6 - DUVALL AVENUE NE (NE 4th STREET to SUNSET BLVD NE)

Duvall Ave NE - NE 4th St to Sunset Blvd NE				Functional Classification: Minor Arterial				Fund: 317				
				Proj. Length: 0.67 mi				Proj: 122702				
Community Planning Area: Highlands & East Plateau				TIP No. 6		CONTACT: Flora Lee 425.430.7303						
<b>DESCRIPTION:</b> Widening roadway, including new pavement, curb, gutter, sidewalk, street lights, storm drainage, channelization and bike lanes from NE 7th St to the intersection with Sunset Blvd NE.					<b>STATUS:</b> The City was awarded a TIB grant in the amount of \$3,468,289 in 2015 for the roadway reconstruction between NE 10th St and NE 12th St, curb, gutter, sidewalk and streetlights on the west side and channelization from NE 12th St to south of the intersection with NE Sunset Blvd.							
<b>JUSTIFICATION:</b> Complete roadway improvements, bicycle lanes and sidewalks on Duvall Ave NE, from NE 4th St to Sunset Blvd NE. Condition of the existing roadway pavement requires road reconstruction. Project will enhance safety for pedestrians, bicyclists and vehicular along this corridor.					<b>CHANGES:</b> A future phase will install non-motorized improvements along the east side of Duvall Ave NE, from NE 7th St to NE 12th St. Roadway improvements from NE 4th St to NE 10th St are reflected under the Arterial Rehabilitation Program (TIP #2).							
					Funded :		4,670,000		Unfunded :		9,000,000	
Project Totals		Programmed Pre-2017		Six Year Program								
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022		
EXPENSES:												
Planning												
Preliminary Engineering	2,167,000		667,000	1,500,000			1,500,000					
R-O-W (includes Admin)	1,000,000			1,000,000			1,000,000					
Construction	8,336,000			8,336,000	3,336,000			5,000,000				
Construction Services	2,167,000			2,167,000	667,000			1,500,000				
Post Construction Services												
TOTAL EXPENSES	13,670,000		667,000	13,003,000	4,003,000		2,500,000	6,500,000				
SOURCES OF FUNDS:												
Vehicle Fuel Tax												
Business & Occupation Share	451,711		400,208	51,503	51,503							
Fund Balance + Held reserve												
Grants In-Hand (TIB)	3,468,289		266,792	3,201,497	3,201,497							
Grants In-Hand (2)												
Mitigation In-Hand	750,000			750,000	750,000							
Other In-Hand (1)												
Other In-Hand (2)												
Undetermined	9,000,000			9,000,000			2,500,000	6,500,000				
TOTAL SOURCES	13,670,000		667,000	13,003,000	4,003,000		2,500,000	6,500,000				

RESOLUTION NO. 4293

# TIP NO. 7 - RAINIER AVENUE SOUTH/NORTH (PHASE 4 - SOUTH 3rd STREET to NW 3rd PLACE)

Rainier Ave S/N Phase 4 - S 3rd Street to NW 3rd Pl					Functional Classification: Principal Proj. Length: 0.51 mi TIP No. 7					Proj: 122195 CONTACT: Derek Akesson 425.430.7337	
Community Planning Area: City Center					<div>STATUS:</div> <div>A STP grant in the amount of \$2,600,000 was awarded in 2014 for design of Phase 4. Design is underway.</div> <div>CHANGES:</div>						
<div>DESCRIPTION:</div> <div>This is Phase 4 of the Rainier Ave Corridor Improvements, and will extend the improvements from S 3rd St to NW 3rd Pl. Project elements include sidewalks widening with streetscaping, adding pedestrian-scale illumination, adding a pedestrian actuated traffic signal, upgrading existing traffic signals, transit facility improvements, planted buffer strips and landscaped medians.</div> <div>JUSTIFICATION:</div> <div>Rainier Ave is a critical corridor in central Renton with existing operational problems and in need of infrastructure enhancements to provide greater ease of non-motorized and transit-based travel. It also provides improved access to Renton Airpory and Boeing's Renton Plant. Improvements will enhance traffic flow and reduce accidents.</div>											
Project Totals		Programmed Pre-2017		Funded : 3,006,084    Unfunded : 19,500,000							
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022	
Six Year Program											
EXPENSES:											
Planning											
Preliminary Engineering	3,006,084	48,084	500,000	2,458,000	1,500,000	500,000	458,000				
R-O-W (includes Admin)	3,500,000			3,500,000			3,500,000				
Construction	12,300,000			12,300,000				6,400,000	4,400,000	1,500,000	
Construction Services	3,700,000			3,700,000				1,920,000	1,330,000	450,000	
Post Construction Services											
TOTAL EXPENSES	22,506,084	48,084	500,000	21,958,000	1,500,000	500,000	3,958,000	8,320,000	5,730,000	1,950,000	
SOURCES OF FUNDS:											
Vehicle Fuel Tax											
Business & Occupation Share	213,321	6,491	77,500	129,330		67,500	61,830				
Proposed Fund Balance	202,500			202,500	202,500						
Grants In-Hand (STP)	2,600,263	41,593	432,500	2,126,170	1,297,500	432,500	396,170				
Grants In-Hand (2)											
Mitigation In-Hand											
WSDOT State (grant deduction)	-10,000		-10,000								
Other In-Hand (General Fund transfer)											
Other In-Hand (2)											
Undetermined	19,500,000			19,500,000			3,500,000	8,320,000	5,730,000	1,950,000	
TOTAL SOURCES	22,506,084	48,084	500,000	21,958,000	1,500,000	500,000	3,958,000	8,320,000	5,730,000	1,950,000	

RESOLUTION NO. 4293



## TIP NO. 8 - CONNECTING DOWNTOWN RENTON IMPROVEMENT PROJECT

Connecting Downtown Renton Improvement Project					Functional Classification:		Principal		Fund:		317	
					Proj. Length:		N/A		Proj:		122907	
Community Planning Area: City Center					TIP No.		8		CONTACT:		Keith Woolley 425.430.7318	
<b>DESCRIPTION:</b> The project provides pedestrian and bicyclists facilities and enhancements, traffic operation and circulation improvements in Downtown. The improvements include adding raised intersections with bulb outs, parklets, pedestrian plaza, lighting, street furniture, streetscape, bicycle blvd, bike racks, signange, wayfinding, converting streets to two-way operations, reconfigure intersections of S 2nd St and Main Ave S, and add on-street parking.  <b>JUSTIFICATION:</b> This project is one of the strategies identified in the City Center Community Plan. The project enhances downtown Renton as a destination area, while improving circulation, reducing traffic speeds and enhancing pedestrian safety. A feasibility study, including a Downtown Circulation Traffic Analysis for the conversion to two-way operations was completed.					<b>STATUS:</b> Phase 1 - conversion of Main Ave S and Bronson Way S received a \$1,024,750 TIB grant (2014). Phase 2 (est. \$6.3M) provides pedestrians enhancements, amenities for bicyclists, converts Williams Ave S and Wells Ave S to a two-way operations. Phase 3 (est. \$9.1M) will continue the downtown improvements, further enhancing the pedestrian and bicyclists environment and converting S 3rd St and S 2nd St. A STP grant of \$3,850,000 is under recommendation (2016) for Phase 2.  <b>CHANGES:</b> Phase 1 completion is anticipated in 2016.							
					Funded :		6,409,989		Unfunded :		9,100,000	
Project Totals		Programmed Pre-2017		Six-Year Program								
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022		
<b>EXPENSES:</b>												
Planning	49,090	49,090										
Preliminary Engineering	2,948,499	196,899	51,600	2,700,000	600,000	400,000			1,700,000			
R-O-W (includes Admin)	650		650									
Construction	11,345,000		1,545,000	9,800,000		1,000,000	3,000,000	100,000		5,700,000		
Construction Services	3,131,750		231,750	2,900,000		290,000	880,000	30,000		1,700,000		
Post Construction Services												
TOTAL EXPENSES	17,474,989	245,989	1,829,000	15,400,000	600,000	1,690,000	3,880,000	130,000	1,700,000	7,400,000		
<b>SOURCE OF FUNDS:</b>												
Vehicle Fuel Tax												
Business & Occupation Share	59,588	49,588		10,000	10,000							
Fund Balance	651		651									
Grants In-Hand (TIB)	1,024,750		1,024,750									
Grants In-Hand (STP)	3,850,000			3,850,000	390,000	1,040,000	2,340,000	80,000				
Mitigation In-Hand												
Other: Metro Mitig + WSDOT	1,200,000		500,000	700,000	200,000	122,000	367,000	11,000				
Other In-Hand - S Renton Reserve	275,000		275,000									
Other In-Hand - GF Transfer/Undetermine	1,965,000	196,401	28,599	1,740,000		528,000	1,173,000	39,000				
Undetermined	9,100,000			9,100,000					1,700,000	7,400,000		
TOTAL SOURCES	17,474,989	245,989	1,829,000	15,400,000	600,000	1,690,000	3,880,000	130,000	1,700,000	7,400,000		

## TIP NO. 9 - PARK AVENUE NORTH EXTENSION

Park Avenue North Extension				Functional Classification: N/A				Fund: 317				
Community Planning Area: City Center				Proj. Length: 0.23 mi				Proj:				
				TIP No. 9		CONTACT: Jim Seitz 425.430.7245						
<b>DESCRIPTION:</b> The project will extend Park Ave N to the north of Logan Ave N, to provide access to Southport, PSE property and The Boeing Company. Improvements include bicycle and pedestrian facilities, illumination, landscaping.					<b>STATUS:</b> This is an economic development project.							
<b>JUSTIFICATION:</b> With the additional development growth in the North Renton area, which includes The Landing and the Southport residential/hotel/office development, this project will construct improvements to extend Park Ave N.					<b>CHANGES:</b> Project mostly unfunded.							
					Funded :		250,000		Unfunded :		10,000,000	
Project Totals		Programmed Pre-2017		Six-Year Program								
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022		
EXPENSES:												
Planning												
Preliminary Engineering	1,150,000			1,150,000	250,000	900,000						
R-O-W (includes Admin)	4,000,000			4,000,000		4,000,000						
Construction	4,000,000			4,000,000		4,000,000						
Construction Services	1,100,000			1,100,000		1,100,000						
Post Construction Services												
TOTAL EXPENSES	10,250,000			10,250,000	250,000	10,000,000						
SOURCES OF FUNDS:												
Vehicle Fuel Tax												
Business & Occupation Share												
Proposed Fund Balance												
Grants In-Hand (1)												
Grants In-Hand (2)												
Mitigation In-Hand	250,000			250,000	250,000							
Other In-Hand (1)												
Other In-Hand (2)												
Undetermined	10,000,000			10,000,000		10,000,000						
TOTAL SOURCES	10,250,000			10,250,000	250,000	10,000,000						

RESOLUTION NO. 4293

## TIP NO. 10 - 116th AVENUE SE IMPROVEMENTS

<b>116th Ave SE Improvements</b>				<b>Functional Classification:</b> Minor arterial				<b>Fund:</b> 317				
				<b>Proj. Length:</b> 2.5 mi				<b>Proj:</b> 122117				
<b>Community Planning Area:</b> Benson				<b>TIP No.</b> 10				<b>CONTACT:</b> Flora Lee 425.430.7303				
<b>DESCRIPTION:</b> Widen roadway to provide a 3-lane roadway with bike lanes along 116th Ave SE and Edmonds Way SE, including new pavement, curb, gutter, sidewalk, street lights, traffic signals, storm drainage, channelization and landscaping from Puget Drive SE to south City limits.					<b>STATUS:</b> Benson Hill Community Plan recommended improvements for a first phase, based on the neighborhood needs. The priority, cost and schedule for the phased improvements will be determined based on available funding. The corridor improvements is estimated at \$33M (plus \$14M for right-of-way to meet the City's Complete Street standard).							
<b>JUSTIFICATION:</b> 116th Ave SE is classified as a minor arterial. It has generally two lanes of traffic with left-turn lanes at signalized intersections and intermittent two-way-left-turn-lane south of SE 168th. Non-continuous segments of sidewalk exist along the roadway. Improvements will enhance vehicular, bicycle and pedestrian safety along this important north-south transportation corridor.					<b>CHANGES:</b> Phase 1 Improvements are from SE Petrovitsky Rd to SE 168th St. Programmed funding shown (2019-2022) is for Phase 1 only. The project was awarded a \$707,000 CMAQ grant in 2014 and a \$111,000 Safe Route to Schools grant for the construction of the missing link sidewalks from SE Petrovitsky Rd to the Post Office.							
					<b>Funded :</b>		<b>818,539</b>		<b>Unfunded :</b>		<b>9,500,000</b>	
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>								
<b>ITEM</b>	<b>Programmed</b>	<b>Spent Pre-2016</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>		
<b>EXPENSES:</b>												
Planning												
Preliminary Engineering	1,318,539	38,539	80,000	1,200,000			600,000	600,000				
R-O-W (includes Admin)	2,800,000			2,800,000				1,000,000	1,800,000			
Construction	5,282,000		582,000	4,700,000					2,000,000	2,700,000		
Construction Services	918,000		118,000	800,000					340,000	460,000		
Post Construction Services												
<b>TOTAL EXPENSES</b>	<b>10,318,539</b>	<b>38,539</b>	<b>780,000</b>	<b>9,500,000</b>			<b>600,000</b>	<b>1,600,000</b>	<b>4,140,000</b>	<b>3,160,000</b>		
<b>SOURCE OF FUNDS:</b>												
Vehicle Fuel Tax												
Business & Occupation Share	10,539	5,203	5,336									
Proposed Fund Balance												
Grants In-Hand (CMAQ)	707,000	33,336	673,664									
Grants In-Hand (Safe Route to School)	111,000		111,000									
Mitigation In-Hand												
WSDOT State (grant deduction)	-10,000		-10,000									
Other In-Hand (1)												
Other In-Hand (2)												
Undetermined	9,500,000			9,500,000			600,000	1,600,000	4,140,000	3,160,000		
<b>TOTAL SOURCES</b>	<b>10,318,539</b>	<b>38,539</b>	<b>780,000</b>	<b>9,500,000</b>			<b>600,000</b>	<b>1,600,000</b>	<b>4,140,000</b>	<b>3,160,000</b>		

RESOLUTION NO. 4293

## TIP NO. 11 - CARR ROAD IMPROVEMENTS

<b>Carr Road Improvements</b>				<b>Functional Classification:</b> Major Arterial				<b>Fund:</b> 317		
				<b>Proj. Length:</b>				<b>Proj:</b> 122920		
<b>Community Planning Area:</b> Talbot & Benson				<b>TIP No.</b> 11				<b>CONTACT:</b> Flora Lee 425.430.7303		
<b>DESCRIPTION:</b> A corridor design report prepared by King County in 2003 identified the need for roadway improvements from Benson Dr SE (108th Ave SE) to Talbot Rd S. Potential improvements vary from roadway realignment/widening at several locations to address geometric deficiencies, widening to 5-lane roadway (2 lanes westbound, 3 lanes eastbound), to a new 4-5 lane roadway, including bicycle lanes on new alignment. The total project cost is estimated as \$80M.  <b>JUSTIFICATION:</b> Carr Road is classified as a principal arterial. It has four lanes of traffic with left-turn lanes at intersections. Improvements are necessary to enhance vehicle traffic capacity and safety for vehicles, bicycles, and pedestrians on this major east-west transportation corridor.					<b>STATUS:</b> The City was awarded a \$660,000 grant for signal timing along SW 43rd St/SE Carr Rd/SE 176th St/SE Petrovitsky Rd Corridor. Future roadway improvement options include spot safety improvements, bicycle and pedestrian improvements, roadway widening and roadway on new alignment.					
					<b>CHANGES:</b> Funding shown in 2016 is for implementation of the Adaptive Signal Control System (ASCS). Funding shown in 2019 is for finalizing scope, cost and schedule for futures phases.					
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>						
<b>ITEM</b>	<b>Programmed</b>	<b>Spent Pre-2016</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>EXPENSES:</b>										
Planning	200,000			200,000			200,000			
Preliminary Engineering	707,369	77,369	630,000							
R-O-W (includes Admin)										
Construction										
Construction Services										
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>907,369</b>	<b>77,369</b>	<b>630,000</b>	<b>200,000</b>			<b>200,000</b>			
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business & Occupation Share										
Proposed Fund Balance	27,369		27,369							
Grants In-Hand (Federal Safety)	660,000	73,242	586,758							
Grants In-Hand (2)										
Mitigation In-Hand	30,000	4,127	25,873							
WSDOT State (deducted from grant above)	-10,000		-10,000							
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	200,000			200,000			200,000			
<b>TOTAL SOURCES</b>	<b>907,369</b>	<b>77,369</b>	<b>630,000</b>	<b>200,000</b>			<b>200,000</b>			

RESOLUTION NO. 4293

## TIP NO. 12 - NE SUNSET BLVD (SR 900) CORRIDOR IMPROVEMENTS

<b>NE Sunset Boulevard (SR 900) Corridor Improvements</b>					<b>Functional Classification:</b> Principal			<b>Fund:</b> 317			
					<b>Proj. Length:</b> 3.0 mi			<b>Proj:</b> 122902			
<b>Community Planning Area:</b> City Center, Highlands & East Plateau					<b>TIP No.</b> 12		<b>CONTACT:</b> Keith Woolley 425.430.7318				
<b>DESCRIPTION:</b> This project will seek to address pedestrian, transit and bicycle needs. This corridor needs a series of key improvements in this corridor to improve traffic operations such as channelization, traffic signal modifications, signal treatments, possible queue jumps, access management through installation of medians. The corridor limits are from I-405 on the west to the east City limits.  <b>JUSTIFICATION:</b> This corridor has strong potential for non-motorized and transit usage. The Sunset area is experiencing residential and retail growth.					<b>STATUS:</b> The Sunset Area Planned Action EIS prepared in 2011 delineated transportation needs along Sunset Blvd from N Park Dr to Monroe Ave NE (cost estimated at \$30M). The project has received a STP/CMAQ grant in the amount of \$1,313,935 for design. The project has been phased. Phase 1 is from Harrington Ave NE to NE 10th St.  <b>CHANGES:</b> 30% Design of the corridor improvements is completed.						
					<table><tr><td colspan="2"><b>Funded :</b></td><td><b>2,600,796</b></td><td colspan="2"><b>Unfunded :</b></td><td><b>30,525,000</b></td></tr></table>						<b>Funded :</b>
<b>Funded :</b>		<b>2,600,796</b>	<b>Unfunded :</b>		<b>30,525,000</b>						
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six Year Program</b>							
<b>ITEM</b>	<b>Programmed</b>	<b>Spent Pre-2016</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	
<b>EXPENSES:</b>											
Planning	200,000	200,000									
Preliminary Engineering	4,000,796	371,796	1,029,000	2,600,000	1,000,000			1,000,000	600,000		
R-O-W (includes Admin)	3,300,000			3,300,000		1,000,000	2,000,000	300,000			
Construction	20,500,000			20,500,000				5,000,000	8,000,000	7,500,000	
Construction Services	5,125,000			5,125,000				1,250,000	2,000,000	1,875,000	
Post Construction Services											
<b>TOTAL EXPENSES</b>	<b>33,125,796</b>	<b>571,796</b>	<b>1,029,000</b>	<b>31,525,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>2,000,000</b>	<b>7,550,000</b>	<b>10,600,000</b>	<b>9,375,000</b>	
<b>SOURCES OF FUNDS:</b>											
Vehicle Fuel Tax											
Business & Occupation Share	93,062	1,062	92,000								
Fund Balance+REET+ Held reserve	1,003,799	78,281	423,959	501,559	501,559						
Grants In-Hand (STP/CMAQ)	1,313,935	292,453	518,041	503,441	503,441						
Grants In-Hand (2)											
Mitigation In-Hand											
WSDOT State (deducted from grant at	-10,000		-5,000	-5,000	-5,000						
Other In-Hand (CED)	200,000	200,000									
Other In-Hand - Held in reserve											
Undetermined	30,525,000			30,525,000		1,000,000	2,000,000	7,550,000	10,600,000	9,375,000	
<b>TOTAL SOURCES</b>	<b>33,125,796</b>	<b>571,796</b>	<b>1,029,000</b>	<b>31,525,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>2,000,000</b>	<b>7,550,000</b>	<b>10,600,000</b>	<b>9,375,000</b>	

RESOLUTION NO. 4293

## TIP NO. 13 - SUNSET AREA GREEN CONNECTIONS

<b>Sunset Area Green Connections</b>					<b>Functional Classification:</b> N/A			<b>Fund:</b> 317				
<b>Community Planning Area:</b> Highlands					<b>Proj. Length:</b> N/A			<b>Proj:</b>				
					<b>TIP No.</b> 13		<b>CONTACT:</b> Jim Seitz 425.430.7245					
<b>DESCRIPTION:</b> This project will construct multi-modal improvements identified in the Sunset Area Community Planned Action Study. Roadways will be widened/extended/realigned to provide for future traffic flows. Several residential streets will be developed as "green connections" improving pedestrian mobility and enhance the neighborhood. Roadways included are NE 10th St, NE Sunset Lane, Harrington Ave NE, NE 12th St, Edmonds Ave NE, Jefferson Ave NE, Kirkland Ave NE and Glennwood Ave NE.  <b>JUSTIFICATION:</b> Improvements to these streets are key to support the redevelopment of the Sunset Area Community in the Highlands area, bounded by NE 21st St on the north, Edmonds Ave NE on the west, NE 7th St on the south, and Monroe Ave NE on the east. The City in partnership with the Renton Housing Authority aspires to redevelop the Sunset Terrace public housing community and encourage private redelopment in the Planned Action Study area over a 20-year period.					<b>STATUS:</b> The total cost of project is estimated at \$22.2M. Schedule, estimates and selection of streets to be improved to be determined. Significant cost participation will be required from development interests.							
					<b>CHANGES:</b> Surface Water is leading a first phase for this project.							
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Funded :</b>						<b>Unfunded :</b>	<b>22,200,000</b>	
<b>ITEM</b>	<b>Programmed</b>	<b>Spent Pre-2016</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>Six Year Program</b>		<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>EXPENSES:</b>												
Planning												
Preliminary Engineering	2,600,000			2,600,000					2,600,000			
R-O-W (includes Admin)	1,000,000			1,000,000					1,000,000			
Construction	16,000,000			16,000,000							9,200,000	6,800,000
Construction Services	2,600,000			2,600,000							1,500,000	1,100,000
Post Construction Services												
<b>TOTAL EXPENSES</b>	<b>22,200,000</b>			<b>22,200,000</b>					<b>3,600,000</b>	<b>10,700,000</b>	<b>7,900,000</b>	
<b>SOURCES OF FUNDS:</b>												
Vehicle Fuel Tax												
Business & Occupation Share												
Proposed Fund Balance												
Grants In-Hand (1)												
Grants In-Hand (2)												
Mitigation In-Hand												
Other In-Hand (CED)												
Other In-Hand												
Undetermined	22,200,000			22,200,000					3,600,000	10,700,000	7,900,000	
<b>TOTAL SOURCES</b>	<b>22,200,000</b>			<b>22,200,000</b>					<b>3,600,000</b>	<b>10,700,000</b>	<b>7,900,000</b>	

RESOLUTION NO. 4293



## TIP NO. 14 - OAKESDALE AVENUE SW/MONSTER ROAD SW/68th AVENUE SOUTH to SR 900

Oakesdale Ave SW/Monster Road SW/68th Ave S to SR 900					Functional Classification: Proj. Length: 0.92 mi			Fund: 317 Proj:		
Community Planning Area: West Hill					TIP No. 14		CONTACT: Bob Mahn 425.430.7322			
<b>DESCRIPTION:</b> Widen existing roadway to four lanes plus two-way-left-turn-lane where needed and bike lanes. Realign Beacon Coal Mine Road approach to intersection with the new Oakesdale Ave SW roadway. Includes new roadway, curbs, sidewalk, drainage, street lighting, traffic signals, channelization, retaining walls and widening the existing bridge.					<b>STATUS:</b> A preliminary design study was completed in 1999. Scope, cost and implementation schedule to be determined. The project cost is estimated at \$32M, with the City's share estimated at \$13M and King Co. at \$19M. City's share is programmed in future years. Phase 1 of improvements will address drainage problems between the Monster Rd Bridge and the City limits.					
<b>JUSTIFICATION:</b> Will serve growing north-south traffic demand.					<b>CHANGES:</b> Cost beyond 2022 not shown.					
Project Totals		Programmed Pre-2017		Funded : 8,050,000						
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022
<b>EXPENSES:</b>										
Planning	50,000			50,000					50,000	
Preliminary Engineering	5,000,000			5,000,000						5,000,000
R-O-W (includes Admin)	3,000,000			3,000,000						3,000,000
Construction										
Construction Services										
Post Construction Services										
TOTAL EXPENSES	8,050,000			8,050,000					50,000	8,000,000
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business & Occupation Share										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (1)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (1)										
Undetermined	8,050,000			8,050,000					50,000	8,000,000
TOTAL SOURCES	8,050,000			8,050,000					50,000	8,000,000

RESOLUTION NO. 4293

## TIP NO. 15 - SOUTH 7th STREET (RAINIER AVENUE SOUTH to TALBOT ROAD SOUTH)

South 7th Street - Rainier Ave S to Talbot Road South					Functional Classification:				Fund: 317			
Community Planning Area: City Center					Proj. Length: 0.38 mi				Proj: 122151			
					TIP No. 15				CONTACT: Keith Woolley 425.430.7318			
<b>DESCRIPTION:</b> Widening the existing roadway to 3 lanes (2 lanes EB and 1 lane WB) and a separated multi-use trail. Includes new curb, gutter, wider sidewalks, streetlighting, landscaping, channelization and upgrades to traffic signals. Phase 1 is the construction of a new eastbound right-turn lane at the intersection of S 7th St and Shattuck Ave S and a traffic signal at this location.					<b>STATUS:</b> The S 7th St Project - Traffic Analysis Report provided alternatives for corridor improvement options. The planning level cost estimate is \$10M. Phase 1 is underway. Funding for Phase 1 is provided through a \$500,000 STP grant and a \$552,636 TIB grant.							
<b>JUSTIFICATION:</b> This segment of the S 7th St corridor connects Talbot Rd S (SR 515) with Rainier Ave S (SR 167). This segment of S 7th St is part of a designated east-west ped/bike route through the City's commercial core and an important link between regional trails. The South Renton Neighborhood Study has identified S 7th St as needing streetscape improvements.					<b>CHANGES:</b> Construction of the traffic signal at S 7th St and Shattuck Ave S to be completed in 2016. All future phases of the corridor improvements are unfunded.							
					Funded :		1,737,207		Unfunded :		8,700,000	
Project Totals		Programmed Pre-2017			Six-Year Program							
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022		
EXPENSES:												
Planning	32,270	32,270										
Preliminary Engineering	1,511,842	311,842		1,200,000			200,000	700,000	300,000			
R-O-W (includes Admin)	1,724,998	24,998		1,700,000				700,000	1,000,000			
Construction	6,016,979	609,979	407,000	5,000,000						5,000,000		
Construction Services	1,151,118	195,118	156,000	800,000						800,000		
Post Construction Services												
TOTAL EXPENSES	10,437,207	1,174,207	563,000	8,700,000			200,000	1,400,000	1,300,000	5,800,000		
SOURCE OF FUNDS:												
Vehicle Fuel Tax												
Business & Occupation Share	129,682	69,682	60,000									
Proposed Fund Balance+Reserve	135,889	57,975	77,914									
Grants In-Hand (STP)	500,000	254,753	245,247									
Grants In-Hand (TIB)	552,636	417,798	134,839									
Mitigation In-Hand	424,000	374,000	50,000									
WSDOT State (deducted from grant at	-5,000		-5,000									
Other (proposed KC Metro)												
Other In-Hand (1)												
Undetermined	8,700,000			8,700,000			200,000	1,400,000	1,300,000	5,800,000		
TOTAL SOURCES	10,437,207	1,174,207	563,000	8,700,000			200,000	1,400,000	1,300,000	5,800,000		

RESOLUTION NO. 4293

## TIP NO. 16 - SOUTH GRADY WAY (TALBOT ROAD SOUTH to RAINIER AVENUE SOUTH)

S Grady Way - Talbot Rd S to Rainier Ave S					Functional Classification:			Fund:		317
Community Planning Area: City Center					Proj. Length: N/A			Proj:		
					TIP No. 16			CONTACT: Jim Seitz		425.430.7245
<b>DESCRIPTION:</b> This project will perform a comprehensive analysis of multi-modal transportation improvements, including review of potential transit improvements along Grady Way, such as BAT lanes and traffic signal priority (TSP).					<b>STATUS:</b> The project will remove the islands at the intersections of S Grady Way with Lake Ave S and Shattuck Ave S, to allow for a continuous eastbound lane from Rainier Ave S to Talbot Rd S. Included are modifications to the traffic signal, new pedestrian crossings and channelization. The project is unfunded.					
<b>JUSTIFICATION:</b> Removal of the obstructions and reconfiguration of the right turn lanes to eastbound through lanes will add much needed capacity to the S Grady Way corridor.					<b>CHANGES:</b>					
					Funded :		Unfunded :		3,275,000	
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning										
Preliminary Engineering	500,000			500,000			500,000			
R-O-W (includes Admin)										
Construction	2,400,000			2,400,000				1,100,000	1,300,000	
Construction Services	375,000			375,000				175,000	200,000	
Post Construction Services										
TOTAL EXPENSES	3,275,000			3,275,000			500,000	1,275,000	1,500,000	
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (1)										
Mitigation In-Hand										
Other (proposed KC Metro)										
Other In-Hand (1)										
Undetermined	3,275,000			3,275,000			500,000	1,275,000	1,500,000	
TOTAL SOURCES	3,275,000			3,275,000			500,000	1,275,000	1,500,000	

RESOLUTION NO. 4293

## TIP NO. 17 - HOUSER WAY NORTH (NORTH 8th STREET to LAKE WASHINGTON BLVD)

<b>Houser Way N - N 8th St to Lake Washington Blvd</b>					<b>Functional Classification:</b> N/A			<b>Fund:</b> 317		
<b>Community Planning Area:</b> City Center					<b>Proj. Length:</b> N/A			<b>Proj:</b>		
					<b>TIP No.</b> 17		<b>CONTACT:</b> Bob Mahn 425.430.7322			
<b>DESCRIPTION:</b> This project will widen and realign the existing one lane roadway to a two-lane roadway and includes intersection improvements to convert Houser Way N to a two-way operation. Includes new roadway, curbs, pedestrian-bicycle path, drainage, signals, lighting, signing and channelization.  <b>JUSTIFICATION:</b> The City of Renton travel demand model predicts traffic volumes increasing significantly in the North Renton Area in the near future. One of the recommendations to improve northbound access to Lake Washington Blvd is to convert Houser Way N to a two-way operations, between N 8th St and Lake Washington Blvd.					<b>STATUS:</b> A conceptual layout of the two-way approach to the intersection of Houser Way and Lake WA Blvd has been completed. This project will coordinate with the Southport Development improvements to the Southport entrance at the Lake WA Blvd/Coulon Park intersection.					
					<b>CHANGES:</b>					
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Funded :</b> 61,000 <b>Unfunded :</b> 4,114,000						
				<b>Six-Year Program</b>						
<b>ITEM</b>	<b>Programmed</b>	<b>Spent in 2015</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	650,000			650,000				650,000		
R-O-W (includes Admin)	165,000			165,000				165,000		
Construction	2,900,000			2,900,000					1,150,000	1,750,000
Construction Services	460,000			460,000					180,000	280,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>4,175,000</b>			<b>4,175,000</b>				<b>815,000</b>	<b>1,330,000</b>	<b>2,030,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business & Occupation Share	61,000			61,000					16,000	45,000
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	4,114,000			4,114,000				815,000	1,314,000	1,985,000
<b>TOTAL SOURCES</b>	<b>4,175,000</b>			<b>4,175,000</b>				<b>815,000</b>	<b>1,330,000</b>	<b>2,030,000</b>

## TIP NO. 18 - LAKE WASHINGTON LOOP TRAIL

Lake Washington Loop Trail				Functional Classification: varies				Fund: 317			
				Proj. Length:				Proj: 122802			
Community Planning Area: City Center				TIP No. 18				CONTACT: James Wilhoit 425.430.7319			
<b>DESCRIPTION:</b> The project will construct approximately 1.3 miles of pedestrian and bicycle facilities to complete a gap in the Lake Washington trail system. Improvements include a 12-foot wide combined pedestrian/bicycle path, a landscaped buffer separating the path from the travelled roadway, pedestrian level lighting. For the segment located along Airport Way, the facilities will include a bike track and sidewalk, which will involve removing one westbound lane of traffic on Airport Way.  <b>JUSTIFICATION:</b> The project will separate pedestrians and bicyclists from the vehicular traffic, enhancing safety and encouraging residents to use active transportation modes.				<b>STATUS:</b> A TAP grant of \$346,000 (2013). A STP Non-Motorized grant for Right-of-way of \$575,000 (2015). A Ped & Bike grant of \$426,000 (2015). A STP Non-mot grant of \$1,694,278 is under recommendation (2016). Construction has been implemented in phases, with Phases 1 and 2 completed. Phase 3 is (Logan Ave N/Cedar River to Rainier Ave N) is estimated at \$2M.  <b>CHANGES:</b> Phase 4 is from Airport Way/Rainier Ave N intersection to north City limits, and is estimated at \$6M.							
				Funded :		3,308,783		Unfunded :		8,700,000	
Project Totals		Programmed Pre-2017		Six-Year Program							
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022	
<b>EXPENSES:</b>											
Planning											
Preliminary Engineering	2,111,695	76,695	417,500	1,617,500	417,500			1,200,000			
R-O-W (includes Admin)	670,000		335,000	335,000	335,000						
Construction	7,621,125			7,621,125	160,000	912,000	549,125		3,000,000	3,000,000	
Construction Services	1,905,281			1,905,281	40,000	228,000	137,281		750,000	750,000	
Developer Reimbursement											
TOTAL EXPENSES	12,308,101	76,695	752,500	11,478,906	952,500	1,140,000	686,406	1,200,000	3,750,000	3,750,000	
<b>SOURCES OF FUNDS:</b>											
Vehicle Fuel Tax											
Business & Occupation Share	155,251	48,061	37,190	70,000	70,000						
Fund Balance + Held reserve	27,254	27,254									
Grants In-Hand (TAP+STP)	2,615,278	1,380	459,810	2,154,088	627,000	953,000	574,088				
Grants In-Hand ( Ped/Bike Program)	426,000		213,000	213,000	213,000						
Mitigation In-Hand											
WSDOT State (deducted from grant ab	-10,000		-5,000	-5,000	-5,000						
Other In-Hand - Airport Fund Transfer	95,000		47,500	47,500	47,500						
Other In-Hand -											
Other In-Hand - Undetermined	299,318			299,318		187,000	112,318				
Undetermined	8,700,000			8,700,000				1,200,000	3,750,000	3,750,000	
TOTAL SOURCES	12,308,101	76,695	752,500	11,478,906	952,500	1,140,000	686,406	1,200,000	3,750,000	3,750,000	

RESOLUTION NO. 4293

## TIP NO. 19 - LAKE to SOUND (L2S) TRAIL

<b>Lake to Sound (L2S) Trail</b>				<b>Functional Classification:</b> N/A				<b>Fund:</b> 317			
				<b>Proj. Length:</b> N/A				<b>Proj:</b> 122903			
<b>Community Planning Area:</b> City Center & Valley				<b>TIP No.</b> 19				<b>CONTACT:</b> Jim Seitz 425.430.7245			
<b>DESCRIPTION:</b> The Lake to Sound (L2S) Trail is a joint partnership between the cities of Renton, SeaTac, Tukwila, Burien and Des Moines, in coordination with King County. The 17-mile L2S Trail will provide an east-west connection between the shoreline of Lake Washington (Renton) and the shoreline of Puget Sound (Des Moines).				<b>STATUS:</b> This project received a CMAQ grant in the amount of \$800,125 for design of Phases: A - Naches Ave SW (Renton) to Fort Dent Park (Tukwila), and B - Des Moines Memorial Drive S (SeaTac and Burien). A CMAQ grant for construction of Phase A, in the amount of \$950,000 was awarded in 2014. No City match is required. King County is leading the design.							
<b>JUSTIFICATION:</b> Phase A will connect Fort Dent (Tukwila) to the larger system of regional trails in South King County, including the Green River Trail, the Interurban Trail and the Cedar River Trail. Phase A goes from Naches Ave SW (Renton) to Fort Dent Park (Tukwila). Phase A will provide a 12-foot wide asphalt paved multi-use trail, with 2-foot gravel shoulders.				<b>CHANGES:</b> Design of the Fort Dent Park Connection is 90% complete. Negotiations are underway with BNSF to traverse below their rail line. That, and designing a bridge to cross the Black River has set the schedule back a year. Completion of design for Phase A is anticipated in the early Spring of 2017. Construction of Phase A estimated at \$2.8M. Construction will begin in early 2018.							
				<b>Funded :</b>		<b>3,710,000</b>		<b>Unfunded :</b>			
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>							
<b>ITEM</b>	<b>Programmed</b>	<b>Spent Pre-2016</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	
<b>EXPENSES:</b>											
Planning											
Preliminary Engineering	800,000	800,000									
R-O-W (includes Admin)	110,000	110,000									
Construction	2,240,000			2,240,000		1,000,000	1,240,000				
Construction Services	560,000			560,000		250,000	310,000				
Post Construction Services											
<b>TOTAL EXPENSES</b>	<b>3,710,000</b>	<b>910,000</b>		<b>2,800,000</b>		<b>1,250,000</b>	<b>1,550,000</b>				
<b>SOURCE OF FUNDS:</b>											
Vehicle Fuel Tax											
Business & Occupation Share											
Proposed Fund Balance											
Grants In-Hand (1)											
Grants In-Hand (2)											
Mitigation In-Hand											
Other (KC + CMAQ grant)	3,710,000	910,000		2,800,000		1,250,000	1,550,000				
Other In-Hand											
Undetermined											
<b>TOTAL SOURCES</b>	<b>3,710,000</b>	<b>910,000</b>		<b>2,800,000</b>		<b>1,250,000</b>	<b>1,550,000</b>				

RESOLUTION NO. 4293

## TIP NO. 20 - WALKWAY PROGRAM

<b>Walkway Program</b>				<b>Functional Classification:</b> N/A				<b>Fund:</b> 317		
				<b>Proj. Length:</b> N/A				<b>Proj:</b> 120009		
<b>Community Planning Area:</b>		Citywide		<b>TIP No.</b>		20		<b>CONTACT:</b> James Wilhoit 425.430.7319		
<b>DESCRIPTION:</b> This program provides for the design and construction of non-motorized transportation facilities for pedestrians. Projects are identified and prioritized using criteria from the Comprehensive Citywide Walkway Study, Council direction, and through coordination with the City's Neighborhood Program.					<b>STATUS:</b> The Comprehensive Citywide Walkway Study was completed in 2009 and is being used to select projects that move into the design and construction phases.					
<b>JUSTIFICATION:</b> Providing safe and convenient non-motorized facilities is an integral part of a complete transportation network. Specific improvements will respond to the needs of school children, the aged and persons with disabilities, and support increased use of transit.					<b>CHANGES:</b> Partial funding for 2016 has been transferred from this program to the 116th Ave SE (TIP # 9) sidewalk project to match a federal grant. Missing link sidewalks are being installed with funds of this program.					
					<b>Funded :</b>		1,723,188		<b>Unfunded :</b>	
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>						
<b>ITEM</b>	<b>Programmed</b>	<b>Spent in 2015</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>EXPENSES:</b>										
Planning	30,000			30,000	5,000	5,000	5,000	5,000	5,000	5,000
Preliminary Engineering	181,114	1,114	30,000	150,000	25,000	25,000	25,000	25,000	25,000	25,000
R-O-W (includes Admin)										
Construction	1,362,074	12,074	150,000	1,200,000	200,000	200,000	200,000	200,000	200,000	200,000
Construction Services	150,000		30,000	120,000	20,000	20,000	20,000	20,000	20,000	20,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>1,723,188</b>	<b>13,188</b>	<b>210,000</b>	<b>1,500,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business & Occupation Share	1,613,188	13,188	100,000	1,500,000	250,000	250,000	250,000	250,000	250,000	250,000
Proposed Fund Balance	110,000		110,000							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation (sidewalk fee-in-lieu)										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
<b>TOTAL SOURCES</b>	<b>1,723,188</b>	<b>13,188</b>	<b>210,000</b>	<b>1,500,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>

RESOLUTION NO. 4293



## TIP NO. 21 - SIDEWALK REHABILITATION and REPLACEMENT PROGRAM

<b>Sidewalk Rehabilitation and Replacement Program</b>				<b>Functional Classification:</b> N/A				<b>Fund:</b> 317		
				<b>Proj. Length:</b> N/A				<b>Proj:</b> 122801		
<b>Community Planning Area:</b> Citywide				<b>TIP No.</b> 21		<b>CONTACT:</b> Pat Zellner 425.430.2280				
<b>DESCRIPTION:</b> This program provides for the replacement of existing curb and gutter, sidewalks, and curb ramps where such facilities have deteriorated or have been damaged.				<b>STATUS:</b> The 2016 program will continue work in the Maplewood Glen Neighborhood.						
<b>JUSTIFICATION:</b> This program will address deficiencies and provide safe and convenient non-motorized facilities for pedestrians in neighborhoods with damaged or deteriorated curb and gutter, sidewalks, and curb ramps. There are some places where curb ramps do not exist or are not to current ADA standards and they will be upgraded through this program.				<b>CHANGES:</b> The program is scalable to funding availability. Ideally \$250K would be allocated for this program.						
				<b>Funded :</b>		<b>1,137,543</b>		<b>Unfunded :</b>		
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>						
<b>ITEM</b>	<b>Programmed</b>	<b>Spent in 2015</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	97,419	419	92,000	5,000	5,000					
R-O-W (includes Admin)										
Construction	990,000		340,000	650,000	90,000	100,000	100,000	130,000	130,000	100,000
Construction Services	50,124	124	45,000	5,000	5,000					
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>1,137,543</b>	<b>543</b>	<b>477,000</b>	<b>660,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>130,000</b>	<b>130,000</b>	<b>100,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business & Occupation Share	760,000		100,000	660,000	100,000	100,000	100,000	130,000	130,000	100,000
Proposed Fund Balance	377,543	543	377,000							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
<b>TOTAL SOURCES</b>	<b>1,137,543</b>	<b>543</b>	<b>477,000</b>	<b>660,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>130,000</b>	<b>130,000</b>	<b>100,000</b>

RESOLUTION NO. 4293

## TIP NO. 22 - MAPLE VALLEY HIGHWAY ATTENUATOR

<b>Maple Valley Highway Attenuator</b>				<b>Functional Classification:</b> Principl Arterial				<b>Fund:</b> 317			
<b>Community Planning Area:</b> Cedar River				<b>Proj. Length:</b> N/A				<b>Proj:</b>			
				<b>TIP No.</b> 22		<b>CONTACT:</b> James Wilhoit 425.430.7319					
<b>DESCRIPTION:</b> This project will remove an existing concrete barrier end treatment located eastbound (east of the Riviera Apartments). A new concrete barrier will be extended westerly approximately 400 feet and a new impact attenuator will be installed at the end of the new concrete barrier. The project will also provide a 2-foot wide shoulder along SR-169 between the outside through lane and the face of the barrier.					<b>STATUS:</b> The design report is complete and was funded by the Roadway Safety and Guardrail Program (TIP # 24). Final design and construction pending funding availability.						
<b>JUSTIFICATION:</b> Maple Valley Highway (SR 169) is a major arterial carrying 43,100 vehicles per day. This project will improve safety for eastbound traffic on Maple Valley Highway (SR 169) at this location, which has been the site to numerous collision impacts.					<b>CHANGES:</b>						
						<b>Funded :</b>				<b>Unfunded :</b>	<b>1,180,200</b>
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>							
<b>ITEM</b>	<b>Programmed</b>	<b>Spent Pre-2016</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	
<b>EXPENSES:</b>											
Planning											
Preliminary Engineering	156,000			156,000		156,000					
R-O-W (includes Admin)	85,000			85,000		25,000	60,000				
Construction	782,700			782,700			782,700				
Construction Services	156,500			156,500			156,500				
Post Construction Services											
<b>TOTAL EXPENSES</b>	<b>1,180,200</b>			<b>1,180,200</b>		<b>181,000</b>	<b>999,200</b>				
<b>SOURCE OF FUNDS:</b>											
Vehicle Fuel Tax											
Business & Occupation Share											
Proposed Fund Balance											
Grants In-Hand (1)											
Grants In-Hand (2)											
Mitigation In-Hand											
Other In-Hand (1)											
Other In-Hand (2)											
Undetermined	1,180,200			1,180,200		181,000	999,200				
<b>TOTAL SOURCES</b>	<b>1,180,200</b>			<b>1,180,200</b>		<b>181,000</b>	<b>999,200</b>				

RESOLUTION NO. 4293

## TIP NO. 23 - BRIDGE INSPECTION and REPAIR PROGRAM

<b>Bridge Inspection &amp; Repair Program</b>				<b>Functional Classification:</b> N/A				<b>Fund:</b> 317			
				<b>Proj. Length:</b> N/A				<b>Proj:</b> 120106			
<b>Community Planning Area:</b>		Citywide		<b>TIP No.</b>		<b>23</b>		<b>CONTACT:</b> Derek Akesson 425.430.7337			
<b>DESCRIPTION:</b> Inspect all roadway bridges owned by the City every two years to determine bridge sufficiency and load ratings, and identify any seismic retrofit needed. Undertake minor repairs and preventative maintenance as needed.				<b>STATUS:</b> Biennial bridge inspections will occur in 2015. A few bridges have annual inspections.							
<b>JUSTIFICATION:</b> Inspection program must be done for safety and funding purposes and as part of WSBIS Program to determine structural deficiencies, physical deterioration, or functional obsolescence and to qualify for federal bridge replacement grant funding. Repair funding is provided to accomplish lower cost improvements, identified through the inspection program, that will increase the safety and extend the longevity of the structures.				<b>CHANGES:</b> Funds shown under construction are for minor repairs to bridge structures.							
				<b>Funded :</b>		<b>410,171</b>		<b>Unfunded :</b>		<b>280,000</b>	
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>							
<b>ITEM</b>	<b>Programmed</b>	<b>Spent in 2015</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	
<b>EXPENSES:</b>											
Planning											
Preliminary Engineering	190,171	75,171	55,000	60,000	10,000	10,000	10,000	10,000	10,000	10,000	
R-O-W (includes Admin)											
Construction	250,000			250,000	15,000	15,000	55,000	55,000	55,000	55,000	
Construction Services											
Post Construction Services/Other	250,000		60,000	190,000	25,000	25,000	35,000	35,000	35,000	35,000	
<b>TOTAL EXPENSES</b>	<b>690,171</b>	<b>75,171</b>	<b>115,000</b>	<b>500,000</b>	<b>50,000</b>	<b>50,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	
<b>SOURCE OF FUNDS:</b>											
Vehicle Fuel Tax											
Business & Occupation Share	275,000	25,000	30,000	220,000	50,000	50,000	30,000	30,000	30,000	30,000	
Proposed Fund Balance	135,171	50,171	85,000								
Grants In-Hand (FEMA)											
Grants In-Hand (State Share)											
Mitigation In-Hand											
Other In-Hand											
Other In-Hand											
Undetermined	280,000			280,000			70,000	70,000	70,000	70,000	
<b>TOTAL SOURCES</b>	<b>690,171</b>	<b>75,171</b>	<b>115,000</b>	<b>500,000</b>	<b>50,000</b>	<b>50,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	

RESOLUTION NO. 4293

## TIP NO. 24 - ROADWAY SAFETY and GUARDRAIL PROGRAM

Roadway Safety and Guardrail Program					Functional Classification: N/A			Fund: 317		
					Proj. Length: N/A			Proj: 120110		
Community Planning Area:		Citywide		TIP No. 24			CONTACT: Derek Akesson 425.430.7337			
<b>DESCRIPTION:</b> This program will provide lower cost guardrail improvements each year and improve the safety of the roadside environment.					<b>STATUS:</b>					
<b>JUSTIFICATION:</b> This program will implement roadside safety improvements including barrier systems and hazardous object removal.					<b>CHANGES:</b>					
					Funded :		115,438		Unfunded :	
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent in 2015	2016	Total	2017	2018	2019	2020	2021	2022
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	18,438	438		18,000	3,000	3,000	3,000	3,000	3,000	3,000
R-O-W (includes Admin)										
Construction	85,000			85,000	10,000	10,000	10,000	15,000	20,000	20,000
Construction Services	12,000			12,000	2,000	2,000	2,000	2,000	2,000	2,000
Post Construction Services/Other										
TOTAL EXPENSES	115,438	438		115,000	15,000	15,000	15,000	20,000	25,000	25,000
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business & Occupation Share	115,000			115,000	15,000	15,000	15,000	20,000	25,000	25,000
Proposed Fund Balance	438	438								
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand										
Other In-Hand										
Undetermined										
TOTAL SOURCES	115,438	438		115,000	15,000	15,000	15,000	20,000	25,000	25,000

## TIP NO. 25 - INTERSECTION SAFETY and MOBILITY PROGRAM

<b>Intersection Safety &amp; Mobility Program</b>					<b>Functional Classification:</b> N/A			<b>Fund:</b> 317		
					<b>Proj. Length:</b> N/A			<b>Proj:</b> 122601		
<b>Community Planning Area:</b> N/A					<b>TIP No.</b> 25		<b>CONTACT:</b> Chris Barnes 425.430.7220			
<b>DESCRIPTION:</b> This program will install new traffic signals or make improvements to existing signals identified by the Transportation Systems' Traffic Signal Priority List.  <b>JUSTIFICATION:</b> Historically, one traffic signal is designed and constructed every two years to meet safety and mobility needs. This program budgets for projects needed to meet increasing demand, and the need for signalized traffic control. Elements used to prioritize project intersections may include vehicular approach volumes, accident analysis, signal-warrant analysis, and pedestrian volume.					<b>STATUS:</b> The Transportation Systems' Traffic Signal Priority List is determined by citizen concerns, intersection safety, mobility needs, and intersections that meet MUTCD traffic signal warrants. Traffic signals high on the warrant priority list include SW 41st St & Oakesdale Ave SW, SE Carr Road & 103rd Ave SE, and SW 34th St & Lind Ave SW.  <b>CHANGES:</b> \$180,000 of the 2015 budget was reallocated for match to grants awarded in 2014. A traffic signal at 156th Ave SE and SE 142nd PI will be installed, as an interum solution, and will be funded by this program.					
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>						
<b>ITEM</b>	<b>Programmed</b>	<b>Spent in 2015</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	358,000		94,000	264,000	44,000	44,000	44,000	44,000	44,000	44,000
R-O-W (includes Admin)										
Construction	1,282,882	22,882	180,000	1,080,000	180,000	180,000	180,000	180,000	180,000	180,000
Construction Services	182,000		26,000	156,000	26,000	26,000	26,000	26,000	26,000	26,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>1,822,882</b>	<b>22,882</b>	<b>300,000</b>	<b>1,500,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business & Occupation Share	1,772,882	22,882	250,000	1,500,000	250,000	250,000	250,000	250,000	250,000	250,000
Proposed Fund Balance	50,000		50,000							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand										
Other In-Hand										
Undetermined										
<b>TOTAL SOURCES</b>	<b>1,822,882</b>	<b>22,882</b>	<b>300,000</b>	<b>1,500,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>

RESOLUTION NO. 4293

## TIP NO. 26 - TRAFFIC SAFETY PROGRAM

<b>Traffic Safety Program</b>				<b>Functional Classification:</b> N/A				<b>Fund:</b> 317		
				<b>Proj. Length:</b> N/A				<b>Proj:</b> 122115		
<b>Community Planning Area:</b>		Citywide		<b>TIP No.</b>		26		<b>CONTACT:</b> Eric Cutshall 425.430.7423		
<b>DESCRIPTION:</b> This ongoing yearly program provides funding for special small-scale traffic safety improvements that are identified and require materials, labor or equipment beyond the normal scope of City maintenance activities. This program includes providing materials for railroad crossing upgrades and converting school zone signs to electronic operation.				<b>STATUS:</b> This program installs traffic signal uninterruptable power supply/battery backup systems (UPS/BBS) at critical intersections, pending sufficient funding.						
<b>JUSTIFICATION:</b> Historically, this level of traffic safety improvements are required on an annual basis. This program budgets for safety projects to address these needs. Projects are typically identified through citizen concerns, analysis of accident records or observation by City Traffic Operations and Maintenance personnel. The Traffic Operations Section identifies and prioritizes locations.				<b>CHANGES:</b>						
				<b>Funded :</b>		772,801		<b>Unfunded :</b>		
<b>Project Totals</b>		<b>Programmed Pre-2017</b>		<b>Six-Year Program</b>						
<b>ITEM</b>	<b>Programmed</b>	<b>Spent in 2015</b>	<b>2016</b>	<b>Total</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	118,000		4,000	114,000	19,000	19,000	19,000	19,000	19,000	19,000
R-O-W (includes Admin)										
Construction	581,685	300,685	53,000	228,000	38,000	38,000	38,000	38,000	38,000	38,000
Construction Services	73,116	47,116	8,000	18,000	3,000	3,000	3,000	3,000	3,000	3,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>772,801</b>	<b>347,801</b>	<b>65,000</b>	<b>360,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business & Occupation Share	410,000	40,000	40,000	330,000	55,000	55,000	55,000	55,000	55,000	55,000
Proposed Fund Balance	67,801	42,801	25,000							
Grants In-Hand (WSDOT/Safety)	265,000	265,000								
Grants In-Hand (2)										
Mitigation In-Hand (fee-in-lieu)	30,000			30,000	5,000	5,000	5,000	5,000	5,000	5,000
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
<b>TOTAL SOURCES</b>	<b>772,801</b>	<b>347,801</b>	<b>65,000</b>	<b>360,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>	<b>60,000</b>

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## TIP NO. 27 - PRESERVATION OF TRAFFIC OPERATION DEVICES PROGRAM

Preservation of Traffic Operation Devices Program					Functional Classification: N/A			Fund: 317		
					Proj. Length: N/A			Proj: 122904		
Community Planning Area: Citywide					TIP No. 27		CONTACT: Eric Cutshall 425.430.7423			
<b>DESCRIPTION:</b> Replace failed or failing traffic signal vehicle detection loops and video detection. This program also provides for the replacement and/or relocation of signs that are obsolete, faded, poorly located or no longer appropriate, and replacement of damaged luminaire and signal poles. These poles have been damaged in unknown incidents where reimbursement through normal channels is impossible.					<b>STATUS:</b> Ongoing yearly program. Replacement of traffic signal detection loops, video detection camera, traffic signs, traffic signal, street lighting poles and pavement markings is dependent upon yearly inspections.					
<b>JUSTIFICATION:</b> Most of Renton's signals require extensive vehicle detection systems to provide traffic count data needed for the intersection controllers and TACTIS signal coordination system to operate effectively. Pavement deterioration due to heavy traffic volumes, trucks, and adverse weather has increased the need for detection loop replacement.					<b>CHANGES:</b>					
					Funded :		495,265		Unfunded :	
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent In 2015	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning										
Preliminary Engineering	30,000		30,000							
R-O-W (includes Admin)										
Construction	465,265	31,265	62,000	372,000	62,000	62,000	62,000	62,000	62,000	62,000
Construction Services										
Post Construction Services										
TOTAL EXPENSES	495,265	31,265	92,000	372,000	62,000	62,000	62,000	62,000	62,000	62,000
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share	465,265	31,265	62,000	372,000	62,000	62,000	62,000	62,000	62,000	62,000
Proposed Fund Balance	30,000		30,000							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	495,265	31,265	92,000	372,000	62,000	62,000	62,000	62,000	62,000	62,000

RESOLUTION NO. 4293

## TIP NO. 28 - INTELLIGENT TRANSPORTATION SYSTEMS (ITS) PROGRAM

Intelligent Transportation Systems (ITS) Program					Functional Classification: N/A			Fund: 317		
					Proj. Length: N/A			Proj: 122162		
Community Planning Area: N/A					TIP No. 28		CONTACT: Chris Barnes 425.430.7220			
<b>DESCRIPTION:</b> Provides for improvements to the operational efficiency of the roadway system, including development and implementation of signal coordination programs, signing and channelization improvements, surveillance control and driver information system (SC & DI), transit signal priority, Intelligent Traffic Systems (ITS) Master Plan and signal improvements such as protective/permissive phasing.					<b>STATUS:</b> Upgrading of all signal controllers to be compatible with the new central system has been completed. This program is updating fiber communications.					
<b>JUSTIFICATION:</b> Improving the capacity and efficiency of the existing roadway system is a very cost effective element of the transportation program.					<b>CHANGES:</b>					
					Funded :		240,924		Unfunded :	
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent in 2015	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning										
Preliminary Engineering	50,000		20,000	30,000	5,000	5,000	5,000	5,000	5,000	5,000
R-O-W (includes Admin)										
Construction	155,924	15,924	20,000	120,000	20,000	20,000	20,000	20,000	20,000	20,000
Construction Services	35,000		5,000	30,000	5,000	5,000	5,000	5,000	5,000	5,000
Post Construction Services/Other										
TOTAL EXPENSES	240,924	15,924	45,000	180,000	30,000	30,000	30,000	30,000	30,000	30,000
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share	225,924	15,924	30,000	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Proposed Fund Balance	15,000		15,000							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	240,924	15,924	45,000	180,000	30,000	30,000	30,000	30,000	30,000	30,000

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## TIP NO. 29 - BARRIER-FREE TRANSITION PLAN IMPLEMENTATION

Barrier-Free Transition Plan Implementation				Functional Classification: N/A				Fund: 317		
				Proj. Length: N/A				Proj: 122705		
Community Planning Area: Citywide				TIP No. 29				CONTACT: Dan Hasty 425.430.7217		
<b>DESCRIPTION:</b> This program implements projects that support the City's effort to transition pedestrian facilities within the right-of-way into conformity with provisions contained in the Americans with Disabilities Act (ADA) Guidelines. This program provides funding for designing and building features on an "as needed" basis in response to individual requests to improve access for individuals with special needs.				<b>STATUS:</b> A project list will be developed based upon sites identified in the Transition Plan section of the City of Renton <i>Comprehensive Citywide Sidewalk Study</i> . The ADA Transition Plan has been adopted on May 18 2015.						
<b>JUSTIFICATION:</b> A programatic approach is required to ensure compliance with federal law.				<b>CHANGES:</b>						
				Funded :		271,235		Unfunded :		
Project Totals		Programmed Pre-2017		Six Year Program						
ITEM	Programmed	Spent in 2015	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning	33,000		5,000	28,000	5,000	5,000	3,000	5,000	5,000	5,000
Preliminary Engineering	235	235								
R-O-W (includes Admin)										
Construction	218,000		52,000	166,000	22,000	22,000	25,000	32,000	32,000	33,000
Construction Services	20,000		3,000	17,000	3,000	3,000	2,000	3,000	3,000	3,000
Post Construction Services										
TOTAL EXPENSES	271,235	235	60,000	211,000	30,000	30,000	30,000	40,000	40,000	41,000
SOURCES OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share	241,235	235	30,000	211,000	30,000	30,000	30,000	40,000	40,000	41,000
Proposed Fund Balance	30,000		30,000							
Grants In-Hand (1)										
Grants In-Hand (1)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	271,235	235	60,000	211,000	30,000	30,000	30,000	40,000	40,000	41,000

RESOLUTION NO. 4293

## TIP. NO 30 - PROJECT DEVELOPMENT and PRE-DESIGN PROGRAM

Project Development & Pre-Design Program				Functional Classification: N/A				Fund: 317			
				Proj. Length: N/A				Proj: 122150			
Community Planning Area: N/A				TIP No. 30		CONTACT: Jim Seitz 425.430.7245					
<b>DESCRIPTION:</b> Perform critical activities needed for the development of future CIP projects and for grant applications, including scoping, cost estimates, pre-design, interlocal agreements and deficiency analysis. Also provides for the monitoring of active grant projects for compliance with State and Federal laws, regulations and specifications.					<b>STATUS:</b> Ongoing yearly program. This program includes small studies funding and funds required to match new grants.						
<b>JUSTIFICATION:</b> Analyses of existing and projected transportation operation problems, infrastructure maintenance needs, local and regional mobility goals and revenues/costs are vital to the development of transportation projects that will best serve the needs of Renton and compete well for grants. Also, to maintain eligibility for grant funding, the City must assure that project specifications and management comply with current State and Federal standards.					<b>CHANGES:</b> Funding to this planning program has been reduced to cover its internal staff costs.						
					Funded :		939,469		Unfunded :		
Project Totals		Programmed Pre-2017		Six-Year Program							
ITEM	Programmed	Spent in 2015	2016	Total	2017	2018	2019	2020	2021	2022	
EXPENSES:											
Planning	769,469	54,469	175,000	540,000	95,000	85,000	85,000	90,000	90,000	95,000	
Preliminary Engineering	170,000			170,000	20,000	30,000	30,000	30,000	30,000	30,000	
R-O-W (includes Admin)											
Construction											
Construction Services											
Post Construction Services											
TOTAL EXPENSES	939,469	54,469	175,000	710,000	115,000	115,000	115,000	120,000	120,000	125,000	
SOURCE OF FUNDS:											
Vehicle Fuel Tax											
Business & Occupation Share	879,469	54,469	115,000	710,000	115,000	115,000	115,000	120,000	120,000	125,000	
Proposed Fund Balance	60,000		60,000								
Grants In-Hand (1)											
Grants In-Hand (2)											
Mitigation In-Hand											
Other In-Hand											
Other In-Hand (2)											
Undetermined											
TOTAL SOURCES	939,469	54,469	175,000	710,000	115,000	115,000	115,000	120,000	120,000	125,000	

RESOLUTION NO. 4293

## TIP NO. 31 - ARTERIAL CIRCULATION PROGRAM

Arterial Circulation Program					Functional Classification: N/A			Fund: 317		
					Proj. Length: N/A			Proj: 120029		
Community Planning Area: N/A					TIP No. 31		CONTACT: Jim Seitz 425.430.7247			
<b>DESCRIPTION:</b> This program provides for the short and long-range planning and traffic analyses required to evaluate and update proposed transportation improvements projects, to assess the impacts of new development proposals, and to recommend local and regional transportation system improvements for all modes of travel. Funding for hardware, software and employee hours required to operate the computer model is also included under this program.  <b>JUSTIFICATION:</b> Combined State and Federal Clean Air legislation, the <i>Growth Management Act</i> , and the increasing importance of making sure that local and regional transportation plans are coordinated to the benefit of Renton make ongoing multi-modal planning a high priority need. This program will also provide coordination with the I-405 project team, to assure it provides the maximum benefits and minimum problems for Renton's transportation system.					<b>STATUS:</b> This project will fund the ongoing planning work which will lead to refinement and/or adjustment of the of improvement projects on the arterial network identified in the <i>Transportation Element</i> .  <b>CHANGES:</b>					
					Funded :		1,188,788		Unfunded :	
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent In 2015	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning	1,188,788	148,788	155,000	885,000	145,000	145,000	145,000	150,000	150,000	150,000
Preliminary Engineering										
R-O-W (includes Admin)										
Construction										
Construction Services										
Post Construction Services										
TOTAL EXPENSES	1,188,788	148,788	155,000	885,000	145,000	145,000	145,000	150,000	150,000	150,000
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share	1,160,000	130,000	145,000	885,000	145,000	145,000	145,000	150,000	150,000	150,000
Proposed Fund Balance	28,788	18,788	10,000							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	1,188,788	148,788	155,000	885,000	145,000	145,000	145,000	150,000	150,000	150,000

RESOLUTION NO. 4293

## TIP NO. 32 - 1% FOR THE ARTS PROGRAM

1% for the Arts Program				Functional Classification: N/A				Fund: 317			
				Proj. Length: N/A				Proj: 122112			
Community Planning Area: N/A				TIP No. 32		CONTACT: Juliana Fries 425.430.7232					
<b>DESCRIPTION:</b> Funding is tied to the calculated share of eligible types of transportation projects and transportation funding subject to the City's 1% for the Arts Program. All gateway project proposals under this program are subject to approval of the Arts Commission.					<b>STATUS:</b> Program is now based on actual design and construction costs. \$11,151 was transferred in 2013 for 2012 capital expenditures. \$10,454 was transferred in 2014 for 2013 capital expenditures. \$9,344 was transferred in 2015 for 2014 capital expenditures.						
<b>JUSTIFICATION:</b> This program transfers funds to Fund 125, which is being managed by the Department of Community and Economic Development.					<b>CHANGES:</b>						
					Funded :		114,344		Unfunded :		
Project Totals		Programmed Pre-2017		Six-Year Program							
ITEM	Programmed	Spent in 2015	2016	Total	2017	2018	2019	2020	2021	2022	
<b>EXPENSES:</b>											
Planning	114,344	9,344	15,000	90,000	15,000	15,000	15,000	15,000	15,000	15,000	
Preliminary Engineering											
R-O-W (includes Admin)											
Construction											
Construction Services											
Post Construction Services											
TOTAL EXPENSES	114,344	9,344	15,000	90,000	15,000	15,000	15,000	15,000	15,000	15,000	
<b>SOURCE OF FUNDS:</b>											
Vehicle Fuel Tax											
Business & Occupation Share	114,344	9,344	15,000	90,000	15,000	15,000	15,000	15,000	15,000	15,000	
Proposed Fund Balance											
Grants In-Hand (1)											
Grants In-Hand (2)											
Mitigation In-Hand											
Other In-Hand (1)											
Other In-Hand (2)											
Undetermined											
TOTAL SOURCES	114,344	9,344	15,000	90,000	15,000	15,000	15,000	15,000	15,000	15,000	

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## TIP NO. 33 - LAKE WASHINGTON BLVD NORTH (PARK AVENUE NORTH to GENE COULON MEMORIAL PARK)

Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial Park				Functional Classification: Collector				Fund: 317		
Community Planning Area: City Center				Proj. Length: N/A				Proj: 122121		
				TIP No. 33		CONTACT: James Wilhoit		425.430.7319		
<b>DESCRIPTION:</b> This project includes road widening, traffic signals, railroad crossings, drainage, curb, gutter, sidewalks and bicycle lanes. Developer to design and construct improvements, and get credit toward mitigation contribution. The developer is completing the project in 3 phases.				<b>STATUS:</b> Project received a Railroad Crossing Safety grant in 2001 for the signal and gates on Lake Washington Blvd. Railroad grade crossing construction complete except for signal start-up requirements. Waiting for developer to continue their construction.						
<b>JUSTIFICATION:</b> This project will serve the development and access needs to Coulon Park and the Southport Development. Agreement with developer to credit traffic mitigation towards the costs of certain improvements.				<b>CHANGES:</b> The costs shown below are for the estimated mitigation credit, per agreement with the developer. Project awaiting developer's schedule to continue construction. This project will be funded by the development of Southport.						
				Funded :		2,443,477		Unfunded :		
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning	14,899	14,899								
Preliminary Engineering	28,460	28,460								
R-O-W (includes Admin)										
Construction	1,973,821	373,821		1,600,000		800,000	800,000			
Construction Services	410,363	10,363		400,000		200,000	200,000			
Post Construction Services	15,934	15,934								
TOTAL EXPENSES	2,443,477	443,477		2,000,000		1,000,000	1,000,000			
SOURCE OF FUNDS:										
Vehicle Fuel Tax	2,807	2,807								
Business & Occupation Share	2,734	2,734								
Proposed Fund Balance	8,828	8,828								
Grants In-Hand (1)	149,501	149,501								
Grants In-Hand (2)										
Mitigation In-Hand	258,353	258,353								
Other (Developer Expenditure)	2,000,000			2,000,000		1,000,000	1,000,000			
Other (Developer Reimb)	21,253	21,253								
Undetermined										
TOTAL SOURCES	2,443,477	443,477		2,000,000		1,000,000	1,000,000			

## TIP NO. 34 - LIND AVENUE SW (SW 16th STREET to SW 43rd STREET)

Lind Ave SW - SW 16th St to SW 43rd St				Functional Classification: Minor Arterial Proj. Length: 1.69 miles TIP No. 34				Fund: 317 Proj: 120024 CONTACT: Bob Mahn 425.430.7322		
Community Planning Area: Valley										
<b>DESCRIPTION:</b> Widen existing roadway to five lanes where required. Includes new roadway, curbs, sidewalks, drainage, signals, lighting, signing and channelization.				<b>STATUS:</b> The needs, priorities and schedules for improvements on Lind Ave SW will be determined through Arterial Circulation studies.						
<b>JUSTIFICATION:</b> Increasing traffic demands in the Valley due in part to development will create the need for increasing the capacity of this major north/south arterial. A potential project is a signal installation at the intersection at Lind Ave SW and SW 34th St (currently unsignalized). Additionally, improvements may result from future WSDOT I-405 plans which include an interchange at Lind Ave SW (currently unfunded).				<b>CHANGES:</b>						
				Funded :				Unfunded :		4,400,000
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning										
Preliminary Engineering	650,000			650,000				400,000	250,000	
R-O-W (includes Admin)										
Construction	3,200,000			3,200,000					1,200,000	2,000,000
Construction Services	550,000			550,000					200,000	350,000
Post Construction Services										
TOTAL EXPENSES	4,400,000			4,400,000				400,000	1,650,000	2,350,000
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	4,400,000			4,400,000				400,000	1,650,000	2,350,000
TOTAL SOURCES	4,400,000			4,400,000				400,000	1,650,000	2,350,000

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## TIP NO. 35 - SUNSET LANE/NE 10th STREET ROADWAY IMPROVEMENTS

Sunset Lane/NE 10th St Roadway Improvements				Functional Classification: N/A				Fund: 317		
				Proj. Length:				Proj: 122122		
Community Planning Area: Highlands				TIP No. 35				CONTACT: Keith Woolley 425.430.7318		
<p><b>DESCRIPTION:</b></p> <p>This project will reconstruct Sunset Lane to accomodate a 2 lane roadway with on-street parallel and angle parking. The project will also extend NE 10th St (Harrington Ave NE to Glenwood Ave NE). Includes roadway pavement, curbs, sidewalks, landscape buffer, ADA improvements, drainage, lighting, signing and channelization.</p> <p><b>JUSTIFICATION:</b></p> <p>The improvements are key to support the redevelopment of the Sunset Area Community in the Highlands area. The City is in partnership with the Renton Housing Authority to redevelop the Sunset Terrace public housing community. The goal is to encourage private development and support the new public library and the Sunset Neighborhood Park as proposed in the Planned Action Study area.</p>				<p><b>STATUS:</b></p> <p>This project was one of the multi-modal improvements identified in the Sunset Area Green Connection (TIP #13). This project was separated from the Sunset Area Green Connection as funding for design and construction has been indetified.</p> <p><b>CHANGES:</b></p>						
				Funded :		4,710,000		Unfunded :		
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning										
Preliminary Engineering	523,355	406,307	117,048							
R-O-W (includes Admin)	932	932								
Construction	3,402,654		3,402,654							
Construction Services	783,059		783,059							
Post Construction Services										
TOTAL EXPENSES	4,710,000	407,238	4,302,761							
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (General Fund transfer)	4,510,000	800,000	3,710,000							
Other In-Hand (2)	200,000		200,000							
Undetermined										
TOTAL SOURCES	4,710,000	800,000	3,910,000							

RESOLUTION NO. 4293

## TIP NO. 36 - NE 31st STREET BRIDGE REPLACEMENT

NE 31st St Bridge Replacement				Functional Classification: N/A				Fund: 317		
				Proj. Length:				Proj: 122605		
Community Planning Area:      Kennydale				TIP No.                      36				CONTACT: Derek Akesson      425.430.7337		
<b>DESCRIPTION:</b> The NE 31st Street Bridge (aka May Creek Bridge) was built by King County in 1950. The area was annexed into the City in 1960. This project will replace the existing bridge, whic is structurally deficient with a sufficiency rating of 27. Per WSDOT standards, structurally deficient bridges with sufficiency rating below 40 are recommended replacement.					<b>STATUS:</b> A grant in the amount of \$1,222,095 from the 2014 Bridge Federal Funding was awarded for this project in 2014. A 20% match is required for preliminary engineering and right-of-way. Projects that obtain construction authorization by September 2018 are eligible for a lower local match of 13.5% for the construction phase (otherwise, the local match is 20% for the construction phase).					
<b>JUSTIFICATION:</b> The NE 31st St serves as the only public access to several homes. The existing bridge is built on timber piles. Two of the piles have been red tagged due to advance rot near the groundline. Temporary shoring has been installed at the central pier to support the load capacity of the bridge (without the temporary supports the bridge may require closure). However the temporary supports are not scour resistant (with high creek flows they could wash out).					<b>CHANGES:</b> Design is underway.					
					Funded :		1,509,408		Unfunded :	
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning										
Preliminary Engineering	519,651	34,971	414,680	70,000	70,000					
R-O-W (includes Admin)	40,000		40,000							
Construction	749,757			749,757	749,757					
Construction Services	200,000			200,000	200,000					
Post Construction Services										
TOTAL EXPENSES	1,509,408	34,971	454,680	1,019,757	1,019,757					
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share	149,481	6,994		142,487	142,487					
Proposed Fund Balance	142,832		142,832							
Grants In-Hand (Bridge)	1,222,095	27,977	316,848	877,270	877,270					
Grants In-Hand (2)										
Mitigation In-Hand										
WSDOT State (deducted from gran	-5,000		-5,000							
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	1,509,408	34,971	454,680	1,019,757	1,019,757					

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## TIP NO. 37 - NORTH 27th PLACE CULVERT SCOUR REPAIR

N 27th PI Culvert Scour Repair				Functional Classification: N/A				Fund: 317		
				Proj. Length:				Proj: 122607		
Community Planning Area: Kennydale				TIP No. 37				CONTACT: Derek Akesson 425.430.7337		
<p><b>DESCRIPTION:</b></p> <p>As part of the Clover Creek development, a new street was constructed over Kennydale Creek. This project will provide scour mitigation for the N 27th PI Culvert. This bridge is 20 feet long and is located on a residential street. The mitigation consists of placement of concrete under the exposed footing, placement of streambed sediment and cobbles to armor the channel.</p> <p><b>JUSTIFICATION:</b></p> <p>The stream has scoured down to below one of the spread footings. A load rating and scour plan of action have recently been done for this structure.</p>				<p><b>STATUS:</b></p> <p>A grant in the amount of \$481,474 from the 2014 Bridge Federal Funding was awarded for this project. A 10% match is required for preliminary engineering and right-of-way. No match is required for construction if authorization is obtained by Sep 2018.</p> <p><b>CHANGES:</b></p> <p>Design underway.</p>						
				Funded :		508,411		Unfunded :		
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning										
Preliminary Engineering	100,937	4,157	96,780							
R-O-W (includes Admin)	25,000		25,000							
Construction	270,000		243,000	27,000	27,000					
Construction Services	112,474		101,220	11,254	11,254					
Post Construction Services										
TOTAL EXPENSES	508,411	4,157	466,000	38,254	38,254					
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share	416	416								
Proposed Fund Balance	31,521		31,521							
Grants In-Hand (Bridge)	481,474	3,741	439,479	38,254	38,254					
Grants In-Hand (2)										
Mitigation In-Hand										
WSDOT State (deducted from gran	-5,000		-5,000							
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	508,411	4,157	466,000	38,254	38,254					

RESOLUTION NO. 4293

## TIP NO. 38 - RAINIER AVENUE NORTH CORRIDOR IMPROVEMENTS (PHASE 5)

Rainier Ave N Corridor Improvements - Phase 5					Functional Classification: N/A			Fund: 317		
					Proj. Length: 0.76 mi			Proj:		
Community Planning Area:					TIP No. 38		CONTACT: Jim Seitz 425.430.7245			
<b>DESCRIPTION:</b> This is Phase 5 of the Rainier Ave Corridor Improvements, and will extend the improvements from NW 3rd Pl to north City limits. Project elements include sidewalks widening with streetscaping, adding pedestrian-scale illumination and planted buffer strips. The street may be narrowed from 5 to 3 lanes where feasible. On the east side of Rainier Ave the new multi-use trail will be installed (Lake Washington Loop Trail), as shown on TIP 18.					<b>STATUS:</b> Funds shown in 2020 are for planning to determine the roadway cross section. Project cost estimated at \$31.5M and is unfunded. Costs beyond 2022 not shown.					
<b>JUSTIFICATION:</b> Rainier Ave is a critical corridor in Renton with existing operational problems and in need of infrastructure enhancements to provide greater ease for non-motorized and transit-based travel.					<b>CHANGES:</b> New project.					
					Funded :			Unfunded :	4,500,000	
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning	100,000			100,000					100,000	
Preliminary Engineering	4,400,000			4,400,000						4,400,000
R-O-W (includes Admin)										
Construction										
Construction Services										
Post Construction Services										
TOTAL EXPENSES	4,500,000			4,500,000					100,000	4,400,000
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share										
Proposed Fund Balance										
Grants In-Hand (Bridge)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (City Funds)										
Other In-Hand (2)										
Undetermined	4,500,000			4,500,000					100,000	4,400,000
TOTAL SOURCES	4,500,000			4,500,000					100,000	4,400,000

RESOLUTION NO. 4293

## TIP NO. 39 - SOUTH LAKE WASHINGTON TRANSIT STOP

South Lake Washington Transit Stop				Functional Classification: N/A Proj. Length: N/A						
Community Planning Area:		City Cneter		TIP No.		39		CONTACT: Vicki Grover 425.430.4393		
<b>DESCRIPTION:</b> This project will implement a Bus Transit Station at Park Ave. N and Garden Ave N. The project includes a new transit stop, with passenger amenities such as shelters, lighting, benches, litter receptacles, bicycle racks and lockers.  <b>JUSTIFICATION:</b> The project is proposed to meet recent travel demand growth in the area and as a part of the connectivity of the regional system. This transit hub will provide service to a 17.5 acre mixed use site consisting of 730,000 square feet of office space, 43,000 square feet of meeting space, 30,000 square feet of retail space, 383 apartment units and a 347 unit hotel. Other new development in the area includes a 140 room and a 110 room hotel. In addition, a large manufacturing company's employees will benefit from the transit hub's location as well as visitors to The Landing and the 57 acre Gene Coulon Park.				<b>STATUS:</b> New project          <b>CHANGES:</b>						
				Funded :				Unfunded :		3,020,000
Project Totals		Programmed Pre-2017		Six-Year Program						
ITEM	Programmed	Spent Pre-2016	2016	Total	2017	2018	2019	2020	2021	2022
EXPENSES:										
Planning	20,000		10,000	10,000	10,000					
Preliminary Engineering	200,000			200,000	100,000	100,000				
R-O-W (includes Admin)	500,000			500,000	500,000					
Construction	2,200,000			2,200,000		2,200,000				
Construction Services	100,000			100,000		100,000				
Post Construction Services										
TOTAL EXPENSES	3,020,000		10,000	3,010,000	610,000	2,400,000				
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business & Occupation Share										
Proposed Fund Balance										
Grants In-Hand (State & Fed)										
Grants In-Hand										
Mitigation In-Hand										
Other In-Hand (City Funds)										
Other In-Hand (2)										
Undetermined	3,020,000		10,000	3,010,000	610,000	2,400,000				
TOTAL SOURCES	3,020,000		10,000	3,010,000	610,000	2,400,000				

RESOLUTION NO. 4293



## **SECTION SIX – APPENDIX**

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### **ABBREVIATIONS AND ACRONYMS**

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### **RESOLUTION TO ADOPT SIX-YEAR 2017-2022 TIP**

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## ABBREVIATIONS AND ACRONYMS

The following list defines the abbreviated words and/or acronyms used in the City of Renton's Six-Year Transportation Improvement Program.

<b>ACP</b>	Asphalt Concrete Pavement
<b>ADA</b>	American Disability Act
<b>BAT</b>	Business Access Transit
<b>BNSF</b>	Burlington Northern Santa Fe
<b>BRAC</b>	Bridge Replacement Advisory Committee
<b>CBD</b>	Central Business District
<b>CIP</b>	Capital Improvement Program
<b>CMAQ</b>	Congestion Mitigation and Air Quality
<b>CTR</b>	Commute Trip Reduction (State Act)
<b>DOE</b>	Department of Ecology
<b>EB</b>	Eastbound
<b>ECL</b>	East City Limits
<b>EIS</b>	Environmental Impact Study
<b>ER</b>	Emergency Relief
<b>FHWA</b>	Federal Highway Administration
<b>FMSIB</b>	Freight Mobility Strategic Investment Board
<b>GIS</b>	Geographic Information System
<b>GMA</b>	Growth Management Act
<b>HOV</b>	High Occupancy Vehicles
<b>ITS</b>	Intelligent Transportation System
<b>LF</b>	Linear Feet
<b>LID</b>	Local Improvement District
<b>LOS</b>	Level of Service
<b>MAP-21</b>	Moving Ahead for Progress in the 21 <sup>st</sup> Century Act
<b>METRO</b>	Municipality of Metropolitan Seattle
<b>MOU</b>	Memorandum of Understanding
<b>MUTCD</b>	Manual on Uniform Traffic Control Devices
<b>NCL</b>	North City Limits
<b>NB</b>	Northbound
<b>PMS</b>	Pavement Management System
<b>Precon</b>	Preconstruction Engineering/Administration (design phase of project)
<b>PS&amp;E</b>	Plans, Specifications, and Estimates
<b>ROW</b>	Right-of-way

## CITY OF RENTON | 2017 – 2022 TRANSPORTATION IMPROVEMENT PROGRAM



<b>RTA</b>	Regional Transit Authority
<b>SB</b>	Southbound
<b>SCATBd</b>	South County Area Transportation Board
<b>SCL</b>	South City Limits
<b>SOV</b>	Single Occupant Vehicle
<b>ST</b>	Sound Transit
<b>STP</b>	Surface Transportation Program
<b>TDM</b>	Transportation Demand Management Program
<b>TIB</b>	Transportation Improvement Board
<b>TIP</b>	Transportation Improvement Plan
<b>UPRR</b>	Union Pacific Railroad
<b>UPS</b>	Uninterruptible Power Supply
<b>WB</b>	Westbound
<b>WCL</b>	West City Limits
<b>WSBIS</b>	Washington State Bridge Inventory System
<b>WSDOT</b>	Washington State Department of Transportation

RESOLUTION NO. 4293

CITY OF RENTON, WASHINGTON

RESOLUTION NO. 4293

**A RESOLUTION OF THE CITY OF RENTON, WASHINGTON, UPDATING AND  
EXTENDING RENTON'S SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM  
FOR 2017 – 2022.**

**WHEREAS**, the City of Renton has adopted a Six-Year Transportation Improvement Program ("TIP") pursuant to RCW 35.77.010 (Perpetual advanced six-year plans for coordinated transportation program expenditures), and the TIP has been updated, amended and modified from time to time as authorized and required by law; and

**WHEREAS**, the City Council, held a duly noticed public hearing on September 12, 2016, for the purpose of considering updates to the TIP; and

**WHEREAS**, the City Council has reviewed the work accomplished under the TIP, considered any public testimony given at the public hearing held on September 12, 2016, considered proposed updates to the TIP, and determined current City transportation needs;

**NOW, THEREFORE**, THE CITY COUNCIL OF THE CITY OF RENTON, WASHINGTON, DOES  
RESOLVE AS FOLLOWS:

**SECTION I.** The above findings are true and correct in all respects.

**SECTION II.** The City of Renton's 2017-2022 Six-Year Transportation Improvement Program, attached as Exhibit A and fully incorporated herein by this reference, is adopted as the City's updated and extended TIP.

**SECTION III.** The updated and extended TIP, as attached, shall be and constitute Renton's 2017-2022 Six-Year Transportation Improvement Program for purposes of compliance

with RCW 35.77.010, and shall remain in full force and effect until further revised, amended, and modified as provided by law.

**SECTION IV.** The Administrator of the Public Works Department and the City Clerk are authorized and directed to file this resolution, together with Exhibit A, with the Washington State Secretary of Transportation within 30 days of its adoption.

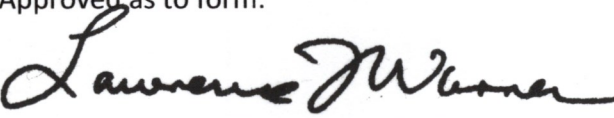
PASSED BY THE CITY COUNCIL this 12<sup>th</sup> day of September, 2016.

  
\_\_\_\_\_  
Jason A. Seth, City Clerk

APPROVED BY THE MAYOR this 12<sup>th</sup> day of September, 2016.

  
\_\_\_\_\_  
Denis Law, Mayor

Approved as to form:

  
\_\_\_\_\_  
Lawrence J. Warren, City Attorney

RES.1709:7/25/16:jlc

