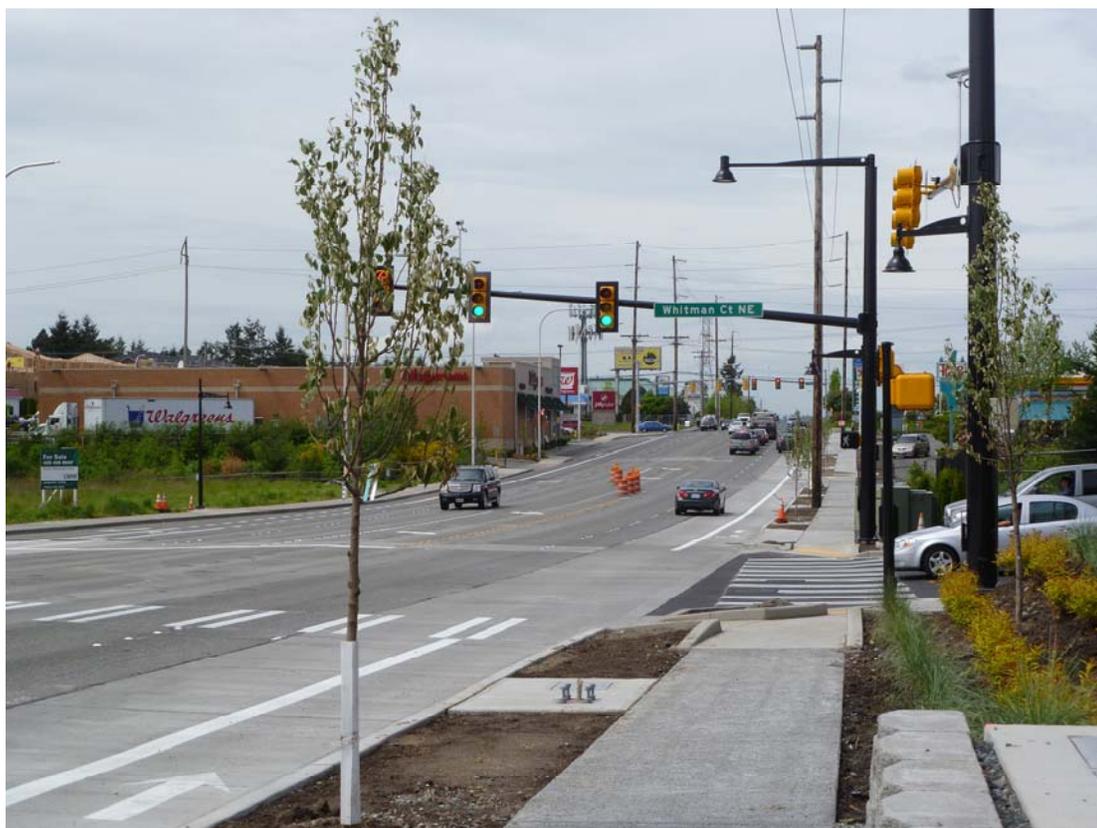


# City of Renton Washington

## 2014 – 2019 Six-Year Transportation Improvement Program



NE 4<sup>th</sup> St at Whitman Ave NE (replace once completed)

Mayor Denis Law

Gregg Zimmerman  
Public Works Administrator

Hearing: June 24, 2013 (tentative)  
Adopted: ... , 2013  
Resolution: ....

RENTON. AHEAD OF THE CURVE.

City of  
**Renton**  
Public Works Department



SECTION ONE

**PURPOSE OF SIX-YEAR TIP PROGRAM**

- Purpose of Six-Year TIP 1-1
- Vision Statement 1-2
- Mission Statement 1-2
- City Business Plan 1-2

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CITY OF RENTON  
SIX-YEAR  
TRANSPORTATION IMPROVEMENT PROGRAM  
2014-2019

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**PURPOSE**

- Reflects involvement by citizens and elected officials.
- Implements the City of Renton Mission Statement.
- Used to coordinate transportation projects and programs with other jurisdictions and agencies.
- Multi-year planning tool for the development of the transportation facilities within the City.
- Required for State and Federal funding programs.
- Vital part of planning under the Growth Management Act.
- Mandated by 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 city with opportunities for all
- Meeting service demands through high quality customer service, innovation, a positive work environment, and a commitment to excellence

## 2013-2018 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 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

RENTON. AHEAD OF THE CURVE.

City of  
**Renton**

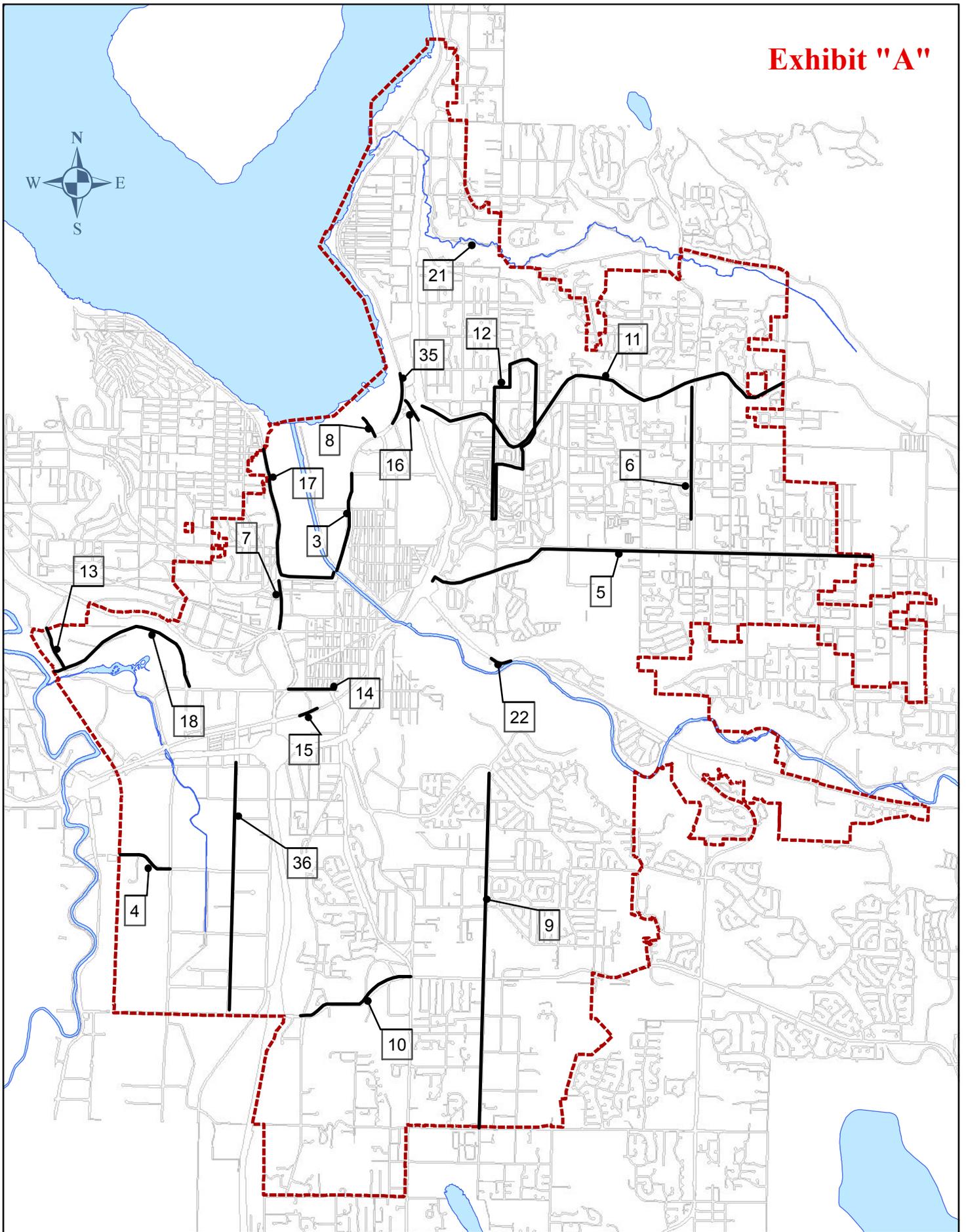


SECTION TWO

**SIX-YEAR TIP MAP**

- TIP Map, Exhibit A 2-1
- Map Index, Exhibit B 2-2

**Exhibit "A"**



**City of Renton - 2014-2019 TIP**

**City of Renton**  
**2014 – 2019 Transportation Improvement Program**  
**Map Index**

<b>TIP No.</b>	<b>Project Title</b>
1	Street Overlay Program
2	Arterial Rehabilitation Program
3	Logan Ave N Improvements
4	SW 27 <sup>th</sup> St/Strander Blvd Connection
5	NE 3 <sup>rd</sup> /NE 4 <sup>th</sup> Corridor
6	Duvall Ave NE – NE 7 <sup>th</sup> to Sunset Blvd NE
7	Rainier Ave S Phase II - S 2nd Street to Airport Way
8	Park Ave North Extension
9	116 <sup>th</sup> Ave SE/Edmonds Ave SE Improvements
10	Carr Road Improvements
11	NE Sunset Blvd (SR 900) Corridor Improvements
12	Sunset Area Green Connections
13	Oakesdale Ave SW/Monster Road SW/68 <sup>th</sup> Ave S
14	South 7 <sup>th</sup> Street – Rainier Ave S to Talbot Road S
15	S Grady Way - Main Ave to West City Limits
16	Houser Way N – N 8 <sup>th</sup> St to S Lake Washington Blvd
17	Lake Washington Loop Trail
18	Lake to Sound (L2S) Trail
19	Walkway Program
20	Sidewalk Rehabilitation and Replacement
21	NE 31 <sup>st</sup> St Culvert Repair
22	Maple Valley Highway – Half Bridge Attenuator
23	Bridge Inspection and Repair
24	Roadway Safety and Guardrail Program
25	Intersection Safety and Mobility
26	Traffic Safety Program
27	Preservation of Traffic Operation Devices Program
28	Intelligent Transportation Systems (ITS) Program
29	Barrier Free Transition Plan Implementation
30	City Center Community Plan
31	Project Development/Pre-design
32	Arterial Circulation Program
33	Environmental Monitoring
34	1% for the Arts Program
35	Lake Washington Boulevard – Park Avenue N to Coulon Park
36	Lind Avenue –SW 16 <sup>th</sup> to SW 43 <sup>rd</sup>

SECTION THREE

**DEVELOPMENT & PRIORITIZATION  
OF THE SIX- YEAR TIP**

- General Programming Criteria 3-1
- Specific TIP Development Activities 3-3
- Summary Table of Projects and Programs: 3-5

## DEVELOPMENT AND PRIORITIZATION OF THE SIX-YEAR TIP

### **I. 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. Those general programming considerations are:

**Priority.** As shown on page 3-5 the projects and programs are prioritized by type 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 on outside 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 also 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. They are:

- Maintenance and Preservation of Existing Infrastructure
- Corridor Projects
- Operations and Safety
- Non-Motorized Projects

- 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 addressed the importance of sustaining strong programs in this project 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.

Below is a more specific discussion of the activities involved in TIP development.

## **II. 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-around coordination among the Maintenance and Operations, the Planning and Programming and the Design Sections.

The Transportation Maintenance and Operations 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*, works 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 short-range business plan.

The Transportation Planning Section works with King County Metro Transit, the 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 to be monitored and analyzed in regard to how they individually and collectively create the need for transportation improvements.

All departments and divisions in the City, the City Council, and the Administration 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 level 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 of these laws 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 affects 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 outside 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.

**CITY OF RENTON - PUBLIC WORKS - TRANSPORTATION SYSTEMS DIVISION - 2014-2019 TIP**

Type	TIP	Priority	Project Title	2014	2015	2016	2017	2018	2019	Six-Year Period Total	Total Project	
											Funded	Unfunded
Maintenance & Preservation	1	1	Street Overlay	737,000	750,000	773,000	837,000	870,000	916,000	4,883,000	4,883,000	
	2	2	Arterial Rehabilitation Program	1,085,000	404,000	425,000	446,000	468,000	468,000	3,296,000	3,296,000	
	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	25,000	100,000	100,000	100,000	100,000	100,000	525,000	175,000	350,000
	20	5	Sidewalk Rehabilitation and Replacem Prog	175,000	100,000	100,000	130,000	130,000	100,000	735,000	735,000	
	21	6	NE 31st St Culvert Repair	80,000						80,000	80,000	
	22	7	Maple Valley Highway Attenuator		130,000	405,000				535,000		535,000
	24	8	Roadway Safety and Guardrail Program	15,000	15,000	15,000	15,000	20,000	25,000	105,000	105,000	
Corridor Projects	4	*	SW 27th St/Strander Blvd Connection	286,646						286,646	286,646	
	4-A	*	SW 27th St - Loan Repayment	150,000	150,000	150,000				450,000	450,000	
	14	*	S 7th St - Rainier Ave S to Talbot Rd S	993,230		200,000	1,400,000	1,200,000	4,800,000	8,593,230	993,230	7,600,000
	10	*	Carr Road Improvements	1,670,000	721,000					2,391,000	2,221,000	170,000
	3	1	Logan Ave N Improvements	700,000	3,400,000	3,600,000				7,700,000	800,000	6,900,000
	7	2	Rainier Ave S - S 3rd St to Airport Way		3,420,000	2,780,000	8,400,000	3,400,000		18,000,000		18,000,000
	16	3	Houser Way N - N 8th St to Lake Washington Bl		765,000	1,230,000	1,880,000			3,875,000	96,000	3,779,000
	11	4	NE Sunset Boulevard (SR 900) Corridor		1,000,000	2,700,000	8,870,000	13,430,000		26,000,000		26,000,000
	6	5	Duvall Ave NE - NE 7th St to Sunset Blvd NE				1,810,000	1,650,000	8,590,000	12,050,000		12,050,000
	5	6	NE 3rd/NE 4th Corridor		762,000	2,220,000	4,440,000	555,000	160,000	8,137,000	28,000	8,109,000
	8	7	Park Ave N Extension						1,600,000	1,600,000		1,400,000
	12	8	Sunset Area Green Connections				2,920,000	8,875,000	6,505,000	18,300,000		18,300,000
	15	8	S Grady Way - Main Ave to West City Limits			450,000	1,275,000	1,275,000		3,000,000		3,000,000
	9	9	116th Ave SE Improvements				1,500,000	3,200,000	4,000,000	8,700,000		8,700,000
	35	10			1,000,000	1,000,000				2,000,000	2,000,000	
36	11	Lind Ave SW - SW 16th St to SW 43rd St				250,000	1,350,000	1,900,000	3,500,000		3,500,000	
13	12	Oakesdale Ave SW/Monster Rd SW/68th Ave S t					50,000	5,300,000	5,350,000		5,350,000	
Safe ty	25	1	Intersection Safety & Mobility Program	182,000	250,000	250,000	250,000	250,000	250,000	1,432,000	1,432,000	
	26	2	Traffic Safety Program	36,000	40,000	40,000	40,000	40,000	40,000	236,000	236,000	
Non-Motorized	18	1	Lake to Sound (L2S) Trail		570,000	685,000				1,255,000		1,255,000
	17	2	Lake Washington Loop Trail		350,000	1,200,000	3,450,000			5,000,000	50,000	4,950,000
	29	3	Barrier-Free Transition Plan Implementation	30,000	30,000	25,000	40,000	40,000	41,000	206,000	206,000	
	19	4	Walkway Program	140,000	250,000	250,000	250,000	250,000	250,000	1,390,000	890,000	500,000
Other	32	1	Arterial Circulation Program	110,000	120,000	145,000	145,000	145,000	150,000	815,000	815,000	
	31	2	Project Development & Pre-Design Program	100,000	111,000	114,000	115,000	115,000	120,000	675,000	675,000	
	33	3	Environmental Monitoring Program	10,000						10,000	10,000	
	28	4	ITS Program	30,000	30,000	30,000	30,000	30,000	30,000	180,000	180,000	
	34	5	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000	90,000	
	30	6	City Center Community Plan Support									
			<b>Total Sources</b>	<b>6,631,876</b>	<b>14,545,000</b>	<b>18,964,000</b>	<b>38,670,000</b>	<b>37,520,000</b>	<b>35,422,000</b>	<b>151,752,876</b>	<b>21,104,876</b>	<b>130,448,000</b>

## SECTION FOUR

### **EXPENDITURES & REVENUES**

- Total Project Expenditure Summary 4-1
- City of Renton Funds 4-2
- Summary of Funding Sources 4-3
- Itemized Funding Sources:
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  - Business License Fee 4-5
  - Proposed Fund Balance 4-6
  - Grants In-hand 4-7
  - Mitigation In-Hand 4-8
  - Other In-Hand 4-9
  - Undetermined 4-10

## SIX-YEAR PROJECT COST SUMMARY \*

### CITY OF RENTON - 2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

TIP	Project Title	2014	2015	2016	2017	2018	2019	Period Total	Community Planning Area
1	Street Overlay	737,000	750,000	773,000	837,000	870,000	916,000	4,883,000	Citywide
2	Arterial Rehabilitation Program	1,085,000	404,000	425,000	446,000	468,000	468,000	3,296,000	Citywide
3	Logan Ave N Improvements	700,000	3,400,000	3,600,000				7,700,000	City Center
4	SW 27th St/Strander Blvd Connection	286,646						286,646	Valley
4-A	SW 27th St - Loan Repayment	150,000	150,000	150,000				450,000	N/A
5	NE 3rd/NE 4th Corridor		762,000	2,220,000	4,440,000	555,000	160,000	8,137,000	Highlands & East Plateau
6	Duval Ave NE - NE 7th St to Sunset Blvd NE				1,810,000	1,650,000	8,590,000	12,050,000	Highlands & East Plateau
7	Rainier Ave S - S 3rd St to Airport Way		3,420,000	2,780,000	8,400,000	3,400,000		18,000,000	City Center
8	Park Ave N Extension						1,600,000	1,600,000	City Center
9	116th Ave SE Improvements				1,500,000	3,200,000	4,000,000	8,700,000	Benson
10	Carr Road Improvements	1,670,000	721,000					2,391,000	Talbot & Benson
11	NE Sunset Boulevard (SR 900) Corridor		1,000,000	2,700,000	8,870,000	13,430,000		26,000,000	City Center, Highlands & East Plateau
12	Sunset Area Green Connections				2,920,000	8,875,000	6,505,000	18,300,000	Highlands
13	Oakesdale Ave SW/Monster Rd SW/68th Ave S					50,000	5,300,000	5,350,000	West Hill
14	S 7th St - Rainier Ave S to Talbot Rd S	993,230		200,000	1,400,000	1,200,000	4,800,000	8,593,230	City Center
15	S Grady Way - Main Ave to West City Limits			450,000	1,275,000	1,275,000		3,000,000	City Center
16	Houser Way N - N 8th St to Lake Washington B		765,000	1,230,000	1,880,000			3,875,000	City Center
17	Lake Washington Loop Trail		350,000	1,200,000	3,450,000			5,000,000	City Center
18	Lake to Sound (L2S) Trail		570,000	685,000				1,255,000	City Center & Valley
19	Walkway Program	140,000	250,000	250,000	250,000	250,000	250,000	1,390,000	Citywide
20	Sidewalk Rehabilitation and Replacem Prog	175,000	100,000	100,000	130,000	130,000	100,000	735,000	Citywide
21	NE 31st St Culvert Repair	80,000						80,000	Kennydale
22	Maple Valley Highway Attenuator		130,000	405,000				535,000	Cedar River
23	Bridge Inspection & Repair Program	25,000	100,000	100,000	100,000	100,000	100,000	525,000	Citywide
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	15,000	20,000	25,000	105,000	Citywide
25	Intersection Safety & Mobility Program	182,000	250,000	250,000	250,000	250,000	250,000	1,432,000	Citywide
26	Traffic Safety Program	36,000	40,000	40,000	40,000	40,000	40,000	236,000	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	25,000	40,000	40,000	41,000	206,000	Citywide
30	City Center Community Plan Support								City Center
31	Project Development & Pre-Design Program	100,000	111,000	114,000	115,000	115,000	120,000	675,000	N/A
32	Arterial Circulation Program	110,000	120,000	145,000	145,000	145,000	150,000	815,000	N/A
33	Environmental Monitoring Program	10,000						10,000	N/A
34	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000	N/A
35			1,000,000	1,000,000				2,000,000	City Center
36	Lind Ave SW - SW 16th St to SW 43rd St				250,000	1,350,000	1,900,000	3,500,000	Valley
	<b>Total Expenditures</b>	<b>6,631,876</b>	<b>14,545,000</b>	<b>18,964,000</b>	<b>38,670,000</b>	<b>37,520,000</b>	<b>35,422,000</b>	<b>151,752,876</b>	

**CITY FUNDS (VEHICLE FUEL TAX + BUSINESS LICENSE FEE + IMPACT FEE)**

**2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM**

TIP	Project Title	2014	2015	2016	2017	2018	2019	Period Total
1	Street Overlay	737,000	750,000	773,000	837,000	870,000	916,000	4,883,000
2	Arterial Rehabilitation Program	385,000	404,000	425,000	446,000	468,000	468,000	2,596,000
3	Logan Ave N Improvements	95,000	50,000	50,000				195,000
4	SW 27th St/Strander Blvd Connection							
4-A	SW 27th St - Loan Repayment	150,000	150,000	150,000				450,000
5	NE 3rd/NE 4th Corridor					20,000	8,000	28,000
6	Duvall Ave NE - NE 7th St to Sunset Blvd NE							
7	Rainier Ave S - S 3rd St to Airport Way							
8	Park Ave N Extension							
9	116th Ave SE Improvements							
10	Carr Road Improvements		30,000					30,000
11	NE Sunset Boulevard (SR 900) Corridor							
12	Sunset Area Green Connections							
13	Oakdale Ave SW/Monster Rd SW/68th Ave S							
14	S 7th St - Rainier Ave S to Talbot Rd S	68,000						68,000
15	S Grady Way - Main Ave to West City Limits							
16	Houser Way N - N 8th St to Lake Washington Bl		35,000	16,000	45,000			96,000
17	Lake Washington Loop Trail		50,000					50,000
18	Lake to Sound (L2S) Trail							
19	Walkway Program	140,000	150,000	150,000	150,000	150,000	150,000	890,000
20	Sidewalk Rehabilitation and Replacem Prog	175,000	100,000	100,000	130,000	130,000	100,000	735,000
21	NE 31st St Culvert Repair	10,000						10,000
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program	25,000	30,000	30,000	30,000	30,000	30,000	175,000
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	15,000	20,000	25,000	105,000
25	Intersection Safety & Mobility Program	182,000	250,000	250,000	250,000	250,000	250,000	1,432,000
26	Traffic Safety Program	36,000	40,000	40,000	40,000	40,000	40,000	236,000
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	25,000	40,000	40,000	41,000	206,000
30	City Center Community Plan Support							
31	Project Development & Pre-Design Program	100,000	111,000	114,000	115,000	115,000	120,000	675,000
32	Arterial Circulation Program	110,000	120,000	145,000	145,000	145,000	150,000	815,000
33	Environmental Monitoring Program	10,000						10,000
34	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000
35								
36	Lind Ave SW - SW 16th St to SW 43rd St							
	<b>Total Sources</b>	<b>2,375,000</b>	<b>2,422,000</b>	<b>2,390,000</b>	<b>2,350,000</b>	<b>2,385,000</b>	<b>2,405,000</b>	<b>14,327,000</b>

## SUMMARY OF FUNDING SOURCES

### 2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

	ITEM	Period						Period Total
		2014	2015	2016	2017	2018	2019	
<b>SIX-YEAR PROJECT COSTS:</b>								
	Planning	370,000	710,000	403,000	265,000	305,000	265,000	2,318,000
	Design	894,000	4,434,500	3,315,500	4,826,500	1,466,500	3,936,500	18,873,500
	R-O-W (includes Admin)	770,430	3,095,000	3,000,000	4,280,000	2,650,000	3,100,000	16,895,430
	Construction Contract	4,279,057	5,564,500	10,780,500	25,997,500	29,657,500	25,129,500	101,408,557
	Construction Management	303,389	706,000	1,430,000	3,266,000	3,406,000	2,956,000	12,067,389
	Other/ Post Const. Services	15,000	35,000	35,000	35,000	35,000	35,000	190,000
<b>Sub - TOTAL SIX-YEAR COST</b>		<b>6,631,876</b>	<b>14,545,000</b>	<b>18,964,000</b>	<b>38,670,000</b>	<b>37,520,000</b>	<b>35,422,000</b>	<b>151,752,876</b>
<b>SOURCE OF FUNDS:</b>								
	Vehicle Fuel Tax	640,000	650,000	660,000	670,000	680,000	680,000	3,980,000
	Business License Fee	1,630,000	1,712,000	1,670,000	1,670,000	1,695,000	1,715,000	10,092,000
	Proposed Fund Balance							
	Grants In-Hand	3,970,230	521,000					4,491,230
	Mitigation In-Hand	105,000	60,000	60,000	10,000	10,000	10,000	255,000
	Other In-Hand	286,646	1,000,000	1,000,000				2,286,646
<b>Sub - TOTAL SIX-YEAR FUNDED</b>		<b>6,631,876</b>	<b>3,943,000</b>	<b>3,390,000</b>	<b>2,350,000</b>	<b>2,385,000</b>	<b>2,405,000</b>	<b>21,104,876</b>
	Undetermined		10,602,000	15,574,000	36,320,000	35,135,000	33,017,000	130,648,000
<b>Sub - TOTAL SIX-YEAR UNFUNDED</b>			<b>10,602,000</b>	<b>15,574,000</b>	<b>36,320,000</b>	<b>35,135,000</b>	<b>33,017,000</b>	<b>130,648,000</b>
<b>TOTAL SOURCES - FUNDED &amp; UNFUNDED</b>		<b>6,631,876</b>	<b>14,545,000</b>	<b>18,964,000</b>	<b>38,670,000</b>	<b>37,520,000</b>	<b>35,422,000</b>	<b>151,752,876</b>

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

## VEHICLE FUEL TAX

### 2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

TIP	Project Title	2014	2015	2016	2017	2018	2019	Period Total
1	Street Overlay	640,000	650,000	660,000	670,000	680,000	680,000	3,980,000
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
4-A	SW 27th St - Loan Repayment							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 7th St to Sunset Blvd NE							
7	Rainier Ave S - S 3rd St to Airport Way							
8	Park Ave N Extension							
9	116th Ave SE Improvements							
10	Carr Road Improvements							
11	NE Sunset Boulevard (SR 900) Corridor							
12	Sunset Area Green Connections							
13	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
14	S 7th St - Rainier Ave S to Talbot Rd S							
15	S Grady Way - Main Ave to West City Limits							
16	Houser Way N - N 8th St to Lake Washington Bl							
17	Lake Washington Loop Trail							
18	Lake to Sound (L2S) Trail							
19	Walkway Program							
20	Sidewalk Rehabilitation and Replacem Prog							
21	NE 31st St Culvert Repair							
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	City Center Community Plan Support							
31	Project Development & Pre-Design Program							
32	Arterial Circulation Program							
33	Environmental Monitoring Program							
34	1% for the Arts Program							
35								
36	Lind Ave SW - SW 16th St to SW 43rd St							
	<b>Total Sources</b>	<b>640,000</b>	<b>650,000</b>	<b>660,000</b>	<b>670,000</b>	<b>680,000</b>	<b>680,000</b>	<b>3,980,000</b>

## BUSINESS LICENSE FEE

### 2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

TIP	Project Title	2014	2015	2016	2017	2018	2019	Period Total
1	Street Overlay	97,000	100,000	113,000	167,000	190,000	236,000	903,000
2	Arterial Rehabilitation Program	385,000	404,000	425,000	446,000	468,000	468,000	2,596,000
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
4-A	SW 27th St - Loan Repayment	150,000	150,000	150,000				450,000
5	NE 3rd/NE 4th Corridor					20,000	8,000	28,000
6	Duvall Ave NE - NE 7th St to Sunset Blvd NE							
7	Rainier Ave S - S 3rd St to Airport Way							
8	Park Ave N Extension							
9	116th Ave SE Improvements							
10	Carr Road Improvements		30,000					30,000
11	NE Sunset Boulevard (SR 900) Corridor							
12	Sunset Area Green Connections							
13	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
14	S 7th St - Rainier Ave S to Talbot Rd S	68,000						68,000
15	S Grady Way - Main Ave to West City Limits							
16	Houser Way N - N 8th St to Lake Washington Bl		35,000	16,000	45,000			96,000
17	Lake Washington Loop Trail		50,000					50,000
18	Lake to Sound (L2S) Trail							
19	Walkway Program	130,000	140,000	140,000	140,000	140,000	140,000	830,000
20	Sidewalk Rehabilitation and Replacem Prog	175,000	100,000	100,000	130,000	130,000	100,000	735,000
21	NE 31st St Culvert Repair	10,000						10,000
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program	25,000	30,000	30,000	30,000	30,000	30,000	175,000
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	15,000	20,000	25,000	105,000
25	Intersection Safety & Mobility Program	182,000	250,000	250,000	250,000	250,000	250,000	1,432,000
26	Traffic Safety Program	36,000	40,000	40,000	40,000	40,000	40,000	236,000
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	25,000	40,000	40,000	41,000	206,000
30	City Center Community Plan Support							
31	Project Development & Pre-Design Program	100,000	111,000	114,000	115,000	115,000	120,000	675,000
32	Arterial Circulation Program	110,000	120,000	145,000	145,000	145,000	150,000	815,000
33	Environmental Monitoring Program	10,000						10,000
34	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000
35								
36	Lind Ave SW - SW 16th St to SW 43rd St							
	<b>Total Sources</b>	<b>1,630,000</b>	<b>1,712,000</b>	<b>1,670,000</b>	<b>1,670,000</b>	<b>1,695,000</b>	<b>1,715,000</b>	<b>10,092,000</b>

## USE OF FUND BALANCE

### 2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

TIP	Project Title	2014	2015	2016	2017	2018	2019	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
4-A	SW 27th St - Loan Repayment							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 7th St to Sunset Blvd NE							
7	Rainier Ave S - S 3rd St to Airport Way							
8	Park Ave N Extension							
9	116th Ave SE Improvements							
10	Carr Road Improvements							
11	NE Sunset Boulevard (SR 900) Corridor							
12	Sunset Area Green Connections							
13	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
14	S 7th St - Rainier Ave S to Talbot Rd S							
15	S Grady Way - Main Ave to West City Limits							
16	Houser Way N - N 8th St to Lake Washington Bl							
17	Lake Washington Loop Trail							
18	Lake to Sound (L2S) Trail							
19	Walkway Program							
20	Sidewalk Rehabilitation and Replacem Prog							
21	NE 31st St Culvert Repair							
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	City Center Community Plan Support							
31	Project Development & Pre-Design Program							
32	Arterial Circulation Program							
33	Environmental Monitoring Program							
34	1% for the Arts Program							
35								
36	Lind Ave SW - SW 16th St to SW 43rd St							
	<b>Total Sources</b>							

## GRANTS IN-HAND

### 2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

TIP	Project Title	2014	2015	2016	2017	2018	2019	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program	700,000						700,000
3	Logan Ave N Improvements	605,000						605,000
4	SW 27th St/Strander Blvd Connection							
4-A	SW 27th St - Loan Repayment							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 7th St to Sunset Blvd NE							
7	Rainier Ave S - S 3rd St to Airport Way							
8	Park Ave N Extension							
9	116th Ave SE Improvements							
10	Carr Road Improvements	1,670,000	521,000					2,191,000
11	NE Sunset Boulevard (SR 900) Corridor							
12	Sunset Area Green Connections							
13	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
14	S 7th St - Rainier Ave S to Talbot Rd S	925,230						925,230
15	S Grady Way - Main Ave to West City Limits							
16	Houser Way N - N 8th St to Lake Washington Bl							
17	Lake Washington Loop Trail							
18	Lake to Sound (L2S) Trail							
19	Walkway Program							
20	Sidewalk Rehabilitation and Replacem Prog							
21	NE 31st St Culvert Repair	70,000						70,000
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	City Center Community Plan Support							
31	Project Development & Pre-Design Program							
32	Arterial Circulation Program							
33	Environmental Monitoring Program							
34	1% for the Arts Program							
35								
36	Lind Ave SW - SW 16th St to SW 43rd St							
	<b>Total Sources</b>	<b>3,970,230</b>	<b>521,000</b>					<b>4,491,230</b>

## MITIGATION IN-HAND

### 2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

TIP	Project Title	2014	2015	2016	2017	2018	2019	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements	95,000	50,000	50,000				195,000
4	SW 27th St/Strander Blvd Connection							
4-A	SW 27th St - Loan Repayment							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 7th St to Sunset Blvd NE							
7	Rainier Ave S - S 3rd St to Airport Way							
8	Park Ave N Extension							
9	116th Ave SE Improvements							
10	Carr Road Improvements							
11	NE Sunset Boulevard (SR 900) Corridor							
12	Sunset Area Green Connections							
13	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
14	S 7th St - Rainier Ave S to Talbot Rd S							
15	S Grady Way - Main Ave to West City Limits							
16	Houser Way N - N 8th St to Lake Washington Bl							
17	Lake Washington Loop Trail							
18	Lake to Sound (L2S) Trail							
19	Walkway Program	10,000	10,000	10,000	10,000	10,000	10,000	60,000
20	Sidewalk Rehabilitation and Replacem Prog							
21	NE 31st St Culvert Repair							
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	City Center Community Plan Support							
31	Project Development & Pre-Design Program							
32	Arterial Circulation Program							
33	Environmental Monitoring Program							
34	1% for the Arts Program							
35								
36	Lind Ave SW - SW 16th St to SW 43rd St							
	<b>Total Sources</b>	<b>105,000</b>	<b>60,000</b>	<b>60,000</b>	<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>255,000</b>

**OTHER IN-HAND (INCLUDES: CITY UTILITIES, SOUND TRANSIT & WSDOT AGREEMENTS)**

**2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM**

TIP	Project Title	2014	2015	2016	2017	2018	2019	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection	286,646						
4-A	SW 27th St - Loan Repayment							
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 7th St to Sunset Blvd NE							
7	Rainier Ave S - S 3rd St to Airport Way							
8	Park Ave N Extension							
9	116th Ave SE Improvements							
10	Carr Road Improvements							
11	NE Sunset Boulevard (SR 900) Corridor							
12	Sunset Area Green Connections							
13	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
14	S 7th St - Rainier Ave S to Talbot Rd S							
15	S Grady Way - Main Ave to West City Limits							
16	Houser Way N - N 8th St to Lake Washington Bl							
17	Lake Washington Loop Trail							
18	Lake to Sound (L2S) Trail							
19	Walkway Program							
20	Sidewalk Rehabilitation and Replacem Prog							
21	NE 31st St Culvert Repair							
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	City Center Community Plan Support							
31	Project Development & Pre-Design Program							
32	Arterial Circulation Program							
33	Environmental Monitoring Program							
34	1% for the Arts Program							
35				1,000,000				2,000,000
36	Lind Ave SW - SW 16th St to SW 43rd St							
	<b>Total Sources</b>	<b>286,646</b>		<b>1,000,000</b>				<b>2,000,000</b>

# UNDETERMINED

## 2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

TIP	Project Title	2014	2015	2016	2017	2018	2019	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements		3,350,000	3,550,000				6,900,000
4	SW 27th St/Strander Blvd Connection							
4-A	SW 27th St - Loan Repayment							
5	NE 3rd/NE 4th Corridor		762,000	2,220,000	4,440,000	535,000	152,000	8,109,000
6	Duvall Ave NE - NE 7th St to Sunset Blvd NE				1,810,000	1,650,000	8,590,000	12,050,000
7	Rainier Ave S - S 3rd St to Airport Way		3,420,000	2,780,000	8,400,000	3,400,000		18,000,000
8	Park Ave N Extension						1,600,000	1,600,000
9	116th Ave SE Improvements				1,500,000	3,200,000	4,000,000	8,700,000
10	Carr Road Improvements		170,000					170,000
11	NE Sunset Boulevard (SR 900) Corridor		1,000,000	2,700,000	8,870,000	13,430,000		26,000,000
12	Sunset Area Green Connections				2,920,000	8,875,000	6,505,000	18,300,000
13	Oakesdale Ave SW/Monster Rd SW/68th Ave S					50,000	5,300,000	5,350,000
14	S 7th St - Rainier Ave S to Talbot Rd S			200,000	1,400,000	1,200,000	4,800,000	7,600,000
15	S Grady Way - Main Ave to West City Limits			450,000	1,275,000	1,275,000		3,000,000
16	Houser Way N - N 8th St to Lake Washington Bl		730,000	1,214,000	1,835,000			3,779,000
17	Lake Washington Loop Trail		300,000	1,200,000	3,450,000			4,950,000
18	Lake to Sound (L2S) Trail		570,000	685,000				1,255,000
19	Walkway Program		100,000	100,000	100,000	100,000	100,000	500,000
20	Sidewalk Rehabilitation and Replacem Prog							
21	NE 31st St Culvert Repair							
22	Maple Valley Highway Attenuator		130,000	405,000				535,000
23	Bridge Inspection & Repair Program		70,000	70,000	70,000	70,000	70,000	350,000
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	City Center Community Plan Support							
31	Project Development & Pre-Design Program							
32	Arterial Circulation Program							
33	Environmental Monitoring Program							
34	1% for the Arts Program							
35								
36	Lind Ave SW - SW 16th St to SW 43rd St				250,000	1,350,000	1,900,000	3,500,000
	<b>Total Undetermined</b>		<b>10,602,000</b>	<b>15,574,000</b>	<b>36,320,000</b>	<b>35,135,000</b>	<b>33,017,000</b>	<b>130,648,000</b>

SECTION FIVE

**PROJECT DESCRIPTIONS**

- Summary of TIP Projects & Costs 5-1a
- Detailed Project Descriptions 5-1 to 5-36

**CITY OF RENTON - PUBLIC WORKS TRANSPORTATION SYSTEMS DIVISION**  
**2014 - 2019 TIP**  
**Total Project Costs**

TIP	Project Title	2014	2015	2016	2017	2018	2019	Six-Year Period Total	Total Funded	Total Unfunded
1	Street Overlay	737,000	750,000	773,000	837,000	870,000	916,000	4,883,000	4,883,000	
2	Arterial Rehabilitation Program	1,085,000	404,000	425,000	446,000	468,000	468,000	3,296,000	3,296,000	
3	Logan Ave N Improvements	700,000	3,400,000	3,600,000				7,700,000	800,000	6,900,000
4	SW 27th St/Strander Blvd Connection	286,646						286,646	286,646	
4-A	SW 27th St - Loan Repayment	150,000	150,000	150,000				450,000	450,000	
5	NE 3rd/NE 4th Corridor		762,000	2,220,000	4,440,000	555,000	160,000	8,137,000	28,000	8,109,000
6	Duvall Ave NE - NE 7th St to Sunset Blvd NE				1,810,000	1,650,000	8,590,000	12,050,000		12,050,000
7	Rainier Ave S - S 3rd St to Airport Way		3,420,000	2,780,000	8,400,000	3,400,000		18,000,000		18,000,000
8	Park Ave N Extension						1,600,000	1,600,000		1,400,000
9	116th Ave SE Improvements				1,500,000	3,200,000	4,000,000	8,700,000		8,700,000
10	Carr Road Improvements	1,670,000	721,000					2,391,000	2,221,000	170,000
11	NE Sunset Boulevard (SR 900) Corridor		1,000,000	2,700,000	8,870,000	13,430,000		26,000,000		26,000,000
12	Sunset Area Green Connections				2,920,000	8,875,000	6,505,000	18,300,000		18,300,000
13	Oakdale Ave SW/Monster Rd SW/68th Ave S					50,000	5,300,000	5,350,000		5,350,000
14	S 7th St - Rainier Ave S to Talbot Rd S	993,230		200,000	1,400,000	1,200,000	4,800,000	8,593,230	993,230	7,600,000
15	S Grady Way - Main Ave to West City Limits			450,000	1,275,000	1,275,000		3,000,000		3,000,000
16	Houser Way N - N 8th St to Lake Washington Bl		765,000	1,230,000	1,880,000			3,875,000	96,000	3,779,000
17	Lake Washington Loop Trail		350,000	1,200,000	3,450,000			5,000,000	50,000	4,950,000
18	Lake to Sound (L2S) Trail		570,000	685,000				1,255,000		1,255,000
19	Walkway Program	140,000	250,000	250,000	250,000	250,000	250,000	1,390,000	890,000	500,000
20	Sidewalk Rehabilitation and Replacem Prog	175,000	100,000	100,000	130,000	130,000	100,000	735,000	735,000	
21	NE 31st St Culvert Repair	80,000						80,000	80,000	
22	Maple Valley Highway Attenuator		130,000	405,000				535,000		535,000
23	Bridge Inspection & Repair Program	25,000	100,000	100,000	100,000	100,000	100,000	525,000	175,000	
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	15,000	20,000	25,000	105,000	105,000	2,019
25	Intersection Safety & Mobility Program	182,000	250,000	250,000	250,000	250,000	250,000	1,432,000	1,432,000	
26	Traffic Safety Program	36,000	40,000	40,000	40,000	40,000	40,000	236,000	236,000	
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	25,000	40,000	40,000	41,000	206,000	206,000	
30	City Center Community Plan Support									
31	Project Development & Pre-Design Program	100,000	111,000	114,000	115,000	115,000	120,000	675,000	675,000	
32	Arterial Circulation Program	110,000	120,000	145,000	145,000	145,000	150,000	815,000	815,000	
33	Environmental Monitoring Program	10,000						10,000	10,000	
34	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000	90,000	
35			1,000,000	1,000,000				2,000,000	2,000,000	
36	Lind Ave SW - SW 16th St to SW 43rd St				250,000	1,350,000	1,900,000	3,500,000		3,500,000
	<b>Total Sources</b>	<b>6,631,876</b>	<b>14,545,000</b>	<b>18,964,000</b>	<b>38,670,000</b>	<b>37,520,000</b>	<b>35,422,000</b>	<b>151,752,876</b>	<b>21,104,876</b>	<b>130,100,019</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

**Street Overlay**

**Functional Classification:** N/A

**Proj. Length:** N/A

**Proj:** 122108

**Community Planning Area:** N/A

**TIP No.** 1

**CONTACT:** Bill Wressel 425.430.7400

**DESCRIPTION:**

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.

**STATUS:**

This program funds overlays on neighborhood streets and collector streets. The Arterial Rehabilitation Program funds principal and minor arterials.

**JUSTIFICATION:**

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.

**CHANGES:**

The Transportation/Aviation Committee recommends \$100,000 be allocated for maintenance of existing alleyways. The budget is reflected in the Overlay Program (\$50,000) and in the Arterial Rehabilitation Program (\$50,000). Only funded amounts are shown in future years of the TIP. Once the pavement report is completed (later this year), an assessment of the funding needs will occur.

**Funded :** 6,656,939    **Unfunded :**

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent In 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	1,116	1,116								
Preliminary Engineering	105,893	1,593	14,300	90,000	15,000	15,000	15,000	15,000	15,000	15,000
R-O-W (includes Admin)										
Construction	6,215,430	858,730	815,700	4,541,000	680,000	693,000	716,000	780,000	813,000	859,000
Construction Services	334,500	42,500	40,000	252,000	42,000	42,000	42,000	42,000	42,000	42,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>6,656,939</b>	<b>903,939</b>	<b>870,000</b>	<b>4,883,000</b>	<b>737,000</b>	<b>750,000</b>	<b>773,000</b>	<b>837,000</b>	<b>870,000</b>	<b>916,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax	5,180,000	600,000	600,000	3,980,000	640,000	650,000	660,000	670,000	680,000	680,000
Business License Fee	1,165,000	126,000	136,000	903,000	97,000	100,000	113,000	167,000	190,000	236,000
Proposed Fund Balance	311,939	177,939	134,000							
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>6,656,939</b>	<b>903,939</b>	<b>870,000</b>	<b>4,883,000</b>	<b>737,000</b>	<b>750,000</b>	<b>773,000</b>	<b>837,000</b>	<b>870,000</b>	<b>916,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Arterial Rehabilitation Program</b>	<b>Functional Classification:</b> Various
<b>Community Planning Area:</b> N/A	<b>Proj. Length:</b> N/A
	<b>TIP No.</b> 2
	<b>CONTACT:</b> Bill Wressel 122186 425.430.7400

**DESCRIPTION:**  
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.

**JUSTIFICATION:**  
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.

**STATUS:**  
Paving schedule: 2014: SW Grady Way; 2015: Benson Rd S (SR 515 to 106th Ave SE); 2016: Benson Rd (106th Ave SE St to S Puget Dr); 2017: Benson Rd S (S Puget Dr to S Eagle Ridge Dr); 2018: Benson Rd S (S Eagle Ridge Dr to I-405 bridge approach); 2019: Airport Way (Rainier Ave S to Logan Ave S). This order may change depending on future ratings. A preservation STP grant in the amount of \$700,000 was awarded to Renton, for use in 2014.

**CHANGES:**  
The Transportation/Aviation Committee recommends \$100,000 be allocated for maintenance of existing alleyways. The budget is reflected in the Overlay Program (\$50,000) and in the Arterial Rehabilitation Program (\$50,000). Funds for 2013 will be used as match in 2014 for the STP preservation grant to overlay SW Grady Way.

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering										
R-O-W (includes Admin)										
Construction	4,001,672	339,672	366,000	3,296,000	1,085,000	404,000	425,000	446,000	468,000	468,000
Construction Services										
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>4,001,672</b>	<b>339,672</b>	<b>366,000</b>	<b>3,296,000</b>	<b>1,085,000</b>	<b>404,000</b>	<b>425,000</b>	<b>446,000</b>	<b>468,000</b>	<b>468,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	3,301,672	339,672	366,000	2,596,000	385,000	404,000	425,000	446,000	468,000	468,000
Proposed Fund Balance										
Grants In-Hand (STP-Preservation)	700,000			700,000	700,000					
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
<b>TOTAL SOURCES</b>	<b>4,001,672</b>	<b>339,672</b>	<b>366,000</b>	<b>3,296,000</b>	<b>1,085,000</b>	<b>404,000</b>	<b>425,000</b>	<b>446,000</b>	<b>468,000</b>	<b>468,000</b>

<b>Funded :</b>	<b>4,001,672</b>	<b>Unfunded :</b>	
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CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Logan Ave N Improvements</b>	<b>Functional Classification:</b> Principal Arterial	<b>Fund:</b> 317
<b>Community Planning Area:</b> City Center	<b>Proj. Length:</b> 0.76 mi	<b>Proj:</b> 122303
	<b>TIP No.</b> 3	<b>CONTACT:</b> James Wilhoit 425.430.7319

<p><b>DESCRIPTION:</b> Reconstruction of the roadway pavement, adding a northbound lane from N 6th St to N 8th St, new curb, gutter and sidewalks, landscaped buffer between sidewalks and travel lanes (east side of Logan Ave N), improvements on the Cedar River bridge (west side) to accomodate bicycle crossing, streetlighting, pedestrian scale illumination, crosswalks, pedestrians ramps, channelization, traffic signal pre-emption, stormwater quality and conveyance system.</p> <p><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. Included with the improvements are urban roadway amenities to implement "Complete Streets" practice per City code.</p>	<p><b>STATUS:</b> The City was awarded a STP grant in the amount of \$951,000 to start design in 2013. Right-of-Way acquisition and construction shown for 2015 and 2016 is pending future grant funding availability.</p> <p><b>CHANGES:</b></p>				
<table border="1" style="float: right; border-collapse: collapse;"> <tr> <td><b>Funded :</b></td> <td><b>1,240,111</b></td> <td><b>Unfunded :</b></td> <td><b>6,900,000</b></td> </tr> </table>		<b>Funded :</b>	<b>1,240,111</b>	<b>Unfunded :</b>	<b>6,900,000</b>
<b>Funded :</b>	<b>1,240,111</b>	<b>Unfunded :</b>	<b>6,900,000</b>		

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	39,760	39,760								
Preliminary Engineering	1,100,275	275	400,000	700,000	700,000					
R-O-W (includes Admin)	1,100,000			1,100,000		1,100,000				
Construction	5,120,000			5,120,000		2,000,000	3,120,000			
Construction Services	780,076	76		780,000		300,000	480,000			
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>8,140,111</b>	<b>40,111</b>	<b>400,000</b>	<b>7,700,000</b>	<b>700,000</b>	<b>3,400,000</b>	<b>3,600,000</b>			
<b>SOURCES OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	20,000	20,000								
Proposed Fund Balance	20,111	20,111								
Grants In-Hand (STP)	951,000		346,000	605,000	605,000					
Grants In-Hand (2)										
Mitigation In-Hand	249,000		54,000	195,000	95,000	50,000	50,000			
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	6,900,000			6,900,000		3,350,000	3,550,000			
<b>TOTAL SOURCES</b>	<b>8,140,111</b>	<b>40,111</b>	<b>400,000</b>	<b>7,700,000</b>	<b>700,000</b>	<b>3,400,000</b>	<b>3,600,000</b>			

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

**SW 27th Street/Strander Boulevard Connection**

**Functional Classification:** Minor Arterial

**Proj. Length:** 1.27 miles

**Proj:** 122239, 122240

**Community Planning Area:** Valley

**TIP No.** 4

**CONTACT:** Keith Woolley 425.430.7318

**DESCRIPTION:**

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.

**JUSTIFICATION:**

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.

**STATUS:**

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; and \$4M from Sound Transit. An interfund loan in the amount of \$700K was approved for the current phase. The loan repayment is reflected in a separate TIP (Loan Repayment - TIP No. 4-A).

**CHANGES:**

Completion of the current phase (Phase 1 - Seg 2a - 2 lane roadway from Naches Ave SW to the Sounder Station, including a BNSF bridge) is anticipated for beginning 2014. City of Tukwila will take the lead for future phases.

Project Totals		Programmed Pre-2014			Six-Year Program					
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	5,030,912	5,030,912								
R-O-W (includes Admin)	3,737,830	3,510,830	227,000							
Construction	15,694,516	9,418,870	6,026,389	249,257	249,257					
Construction Services	2,027,729	947,729	1,042,611	37,389	37,389					
Phase 1, Seg 1 design/constr.	3,009,442	3,009,442								
<b>TOTAL EXPENSES</b>	<b>29,500,431</b>	<b>21,917,785</b>	<b>7,296,000</b>	<b>286,646</b>	<b>286,646</b>					
<b>SOURCES OF FUNDS:</b>										
Vehicle Fuel Tax										
Interfund Loan	700,000	700,000								
Gen Fund & Prop.Fund Balance	2,084,707	2,084,707								
Grants In-Hand (State & Fed)	2,408,422	2,408,422								
Grants In-Hand (FMSIB)	7,750,000	4,440,819	3,309,181							
Mitigation In-Hand	557,500	557,500								
Bonds	2,799,500	2,799,500								
Other: Sound Transit + FRB	4,563,655	2,772,795	1,790,860							
Grants In-Hand (STP Grant+TIB)	7,350,000	5,154,041	2,195,959							
City of Tukwila Reimb.	1,000,000	1,000,000								
Interfund transfer	286,646			286,646	286,646					
Other Proposed										
Undetermined										
<b>TOTAL SOURCES</b>	<b>29,500,431</b>	<b>21,917,785</b>	<b>7,296,000</b>	<b>286,646</b>	<b>286,646</b>					

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

**SW 27th Street/Strander Boulevard Connection - Loan Repayment**

Functional Classification: N/A  
Proj. Length: N/A  
TIP No. 4-A

Proj:  
CONTACT: Keith Woolley 425.430.7318

Community Planning Area: Valley

**DESCRIPTION:**

This project will account for the SW 27th St/Strander Blvd Connection loan repayment. The loan was approved by Council in May 2011 and will be amortized over a 5-year period, at a 2.25% interest rate. The interest amount to be paid over the life of the loan is \$50,000.

**STATUS:**

**CHANGES:**

Project Totals		Programmed Pre-2014			Six-Year Program					
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Loan repayment	749,181	149,590	149,591	450,000	150,000	150,000	150,000			
Preliminary Engineering										
R-O-W (includes Admin)										
Construction										
Construction Services										
Phase 1, Seg 1 design and cons										
<b>TOTAL EXPENSES</b>	<b>749,181</b>	<b>149,590</b>	<b>149,591</b>	<b>450,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>			
<b>SOURCES OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	749,181	149,590	149,591	450,000	150,000	150,000	150,000			
Gen Fund & Prop.Fund Balance										
Grants In-Hand (State & Fed)										
Grants In-Hand (FMSIB)										
Mitigation In-Hand										
Bonds										
Other: Sound Transit + FRB										
Grants In-Hand (STP Grant)										
City of Tukwila Reimb.										
Undetermined										
<b>TOTAL SOURCES</b>	<b>749,181</b>	<b>149,590</b>	<b>149,591</b>	<b>450,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>			

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

**NE 3rd/NE 4th Corridor Improvements**

**Functional Classification:** Principal  
**Proj. Length:** 2.2 mi  
**TIP No.** 5

**Proj:** 122176  
**CONTACT:** Keith Woolley 425.430.7318

**Community Planning Area:** Highlands & East Plateau

**DESCRIPTION:**

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.

**JUSTIFICATION:**

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.

**STATUS:**

The estimated cost for design and construction of all corridor improvements (from Sunset Blvd N to the east City limits) is \$40M. Phase 1 consist of the construction of 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 (2015-2019) are placeholders for future phases.

**CHANGES:**

Future phases are dependet on the receipt of additional grants.

**Funded :** 3,779,321 **Unfunded :** 8,109,000

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	218,420	218,420								
Preliminary Engineering	1,237,698	775,698		462,000		462,000				
R-O-W (includes Admin)	390,947	83,947	7,000	300,000		300,000				
Construction	8,919,366	603,366	1,676,000	6,640,000			2,000,000	4,000,000	500,000	140,000
Construction Services	1,121,891	13,891	373,000	735,000			220,000	440,000	55,000	20,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>11,888,321</b>	<b>1,695,321</b>	<b>2,056,000</b>	<b>8,137,000</b>		<b>762,000</b>	<b>2,220,000</b>	<b>4,440,000</b>	<b>555,000</b>	<b>160,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	446,162	357,162	61,000	28,000					20,000	8,000
Proposed Fund Balance	1,082,562	199,464	883,098							
Grants In-Hand (TIB)	1,536,897	764,995	771,902							
Grants In-Hand (2)										
Mitigation In-Hand	373,700	373,700								
Other In-Hand (KC WD#90)	300,000		300,000							
Other In-Hand (Franchise Reim)	40,000		40,000							
Grants Proposed										
Other Proposed										
Undetermined	8,109,000			8,109,000		762,000	2,220,000	4,440,000	535,000	152,000
<b>TOTAL SOURCES</b>	<b>11,888,321</b>	<b>1,695,321</b>	<b>2,056,000</b>	<b>8,137,000</b>		<b>762,000</b>	<b>2,220,000</b>	<b>4,440,000</b>	<b>555,000</b>	<b>160,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Duvall Ave NE - NE 7th St to Sunset Blvd NE</b>	<b>Functional Classification:</b> Minor Arterial	<b>Fund:</b> 317
	<b>Proj. Length:</b> 0.67 mi	<b>Proj:</b> 122702
<b>Community Planning Area:</b> Highlands & East Plateau	<b>TIP No.</b> 6	<b>CONTACT:</b> Jim Seitz 425.430.7245

<p><b>DESCRIPTION:</b> Widening roadway to five lanes, 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.</p> <p><b>JUSTIFICATION:</b> Complete a missing link of 5-lane roadway, 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.</p>	<p><b>STATUS:</b> Construction of the project pending outside funding. Project will enhance safety for pedestrians, bicyclists and vehicular along this corridor. The cost estimate has been revised to City's complete Street standards.</p> <p><b>CHANGES:</b> Project is unfunded.</p>
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Project Totals		Programmed Pre-2014		Six Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	10,000			10,000				10,000		
Preliminary Engineering	1,200,000			1,200,000				800,000	400,000	
R-O-W (includes Admin)	2,250,000			2,250,000				1,000,000	1,250,000	
Construction	7,700,000			7,700,000						7,700,000
Construction Services	890,000			890,000						890,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>12,050,000</b>			<b>12,050,000</b>				<b>1,810,000</b>	<b>1,650,000</b>	<b>8,590,000</b>
<b>SOURCES OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	12,050,000			12,050,000				1,810,000	1,650,000	8,590,000
<b>TOTAL SOURCES</b>	<b>12,050,000</b>			<b>12,050,000</b>				<b>1,810,000</b>	<b>1,650,000</b>	<b>8,590,000</b>



CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Park Avenue North Extension</b>	Functional Classification: N/A	Fund: 317
Community Planning Area: City Center	Proj. Length: 0.23 mi	Proj:
	TIP No. 8	CONTACT: Jim Seitz 425.430.7245

**DESCRIPTION:**  
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.

**JUSTIFICATION:**  
With the additional development growth in the North Renton area, which includes The Landing and the Southport residential/office development, this project will construct improvements to extend Park Ave N.

**STATUS:**  
This is an economic development project that will likely be on hold until there is some proposal by the property owners to develop the area north of Logan Ave N.

**CHANGES:**  
The project is estimated at \$9M. Cost beyond 2019 not shown.

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	800,000			800,000						800,000
R-O-W (includes Admin)	800,000			800,000						800,000
Construction										
Construction Services										
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>1,600,000</b>			<b>1,600,000</b>						<b>1,600,000</b>
<b>SOURCES OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	1,600,000			1,600,000						1,600,000
<b>TOTAL SOURCES</b>	<b>1,600,000</b>			<b>1,600,000</b>						<b>1,600,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>116th Ave SE Improvements</b>	<b>Functional Classification:</b> Minor arterial	<b>Fund:</b> 317
<b>Community Planning Area:</b> Benson	<b>Proj. Length:</b> 2.5 mi	<b>Proj:</b>
	<b>TIP No.</b> 9	<b>CONTACT:</b> Jim Seitz 425.430.7245

**DESCRIPTION:**  
Widen roadway to provide a 3-lane roadway with bike lanes along 116th Ave SE and Edmonds Ave SE, including new pavement, curb, gutter, sidewalk, street lights, traffic signals, storm drainage, channelization and landscaping from Puget Drive SE to south City limits.

**JUSTIFICATION:**  
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.

**STATUS:**  
CED is leading the Benson Hill Community Plan with community outreach, and as an outcome will recommend a roadway cross section and first phase project limits, based on the neighborhood needs. The priority, cost and schedule for the phased improvements will be determined through Arterial Circulation studies.

**CHANGES:**  
The project is estimated at \$30M (of which \$14M are for right-of-way to meet the City's Complete Street standard). Improvements from SE Petrovitsky Rd to SE 168th St will be part of Phase 1, based on the Benson Hill Community Plan.

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	1,400,000			1,400,000				1,000,000	400,000	
R-O-W (includes Admin)	1,000,000			1,000,000				500,000	500,000	
Construction	5,500,000			5,500,000					2,000,000	3,500,000
Construction Services	800,000			800,000					300,000	500,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>8,700,000</b>			<b>8,700,000</b>				<b>1,500,000</b>	<b>3,200,000</b>	<b>4,000,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	8,700,000			8,700,000				1,500,000	3,200,000	4,000,000
<b>TOTAL SOURCES</b>	<b>8,700,000</b>			<b>8,700,000</b>				<b>1,500,000</b>	<b>3,200,000</b>	<b>4,000,000</b>

<b>Funded :</b>		<b>Unfunded :</b>	<b>8,700,000</b>
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CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Carr Road Improvements</b>	<b>Functional Classification:</b> Major Arterial	<b>Fund:</b> 317
<b>Community Planning Area:</b> Talbot & Benson	<b>Proj. Length:</b>	<b>Proj:</b> 122920
	<b>TIP No. 10</b>	<b>CONTACT:</b> Juliana Fries 425.430.7232

**DESCRIPTION:**  
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 \$72M.

**JUSTIFICATION:**  
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.

**STATUS:**  
The City was awarded a \$3,241,000 grant for signal timing along SW 43rd St/SE Carr Rd/SE 176th St/SE Petrovitsky Rd Corridor and widening of the SE Carr Rd/Benson Dr SE (SR 515) intersection. These are Phase 1 improvements. Future roadway improvement options include spot safety improvements, bicycle and pedestrian improvements, roadway widening and roadway on new alignment.

**CHANGES:**  
Funding shown in 2014 and 2015 are for completion of Phase 1 construction and finalization of scope, cost and schedule for futures phases.

**Funded :** 3,271,000    **Unfunded :** 170,000

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	200,000			200,000		200,000				
Preliminary Engineering	215,000		150,000	65,000	65,000					
R-O-W (includes Admin)	1,440,000		900,000	540,000	540,000					
Construction	1,486,000			1,486,000	1,000,000	486,000				
Construction Services	100,000			100,000	65,000	35,000				
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>3,441,000</b>		<b>1,050,000</b>	<b>2,391,000</b>	<b>1,670,000</b>	<b>721,000</b>				
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	30,000			30,000		30,000				
Proposed Fund Balance										
Grants In-Hand (Federal Safety)	3,241,000		1,050,000	2,191,000	1,670,000	521,000				
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	170,000			170,000		170,000				
<b>TOTAL SOURCES</b>	<b>3,441,000</b>		<b>1,050,000</b>	<b>2,391,000</b>	<b>1,670,000</b>	<b>721,000</b>				

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>NE Sunset Boulevard (SR 900) Corridor Improvements</b>	Functional Classification: Principal	Fund: 317
Community Planning Area: City Center, Highlands & East Plateau	Proj. Length: 3.0 mi	Proj: 122902
	TIP No. 11	CONTACT: Jim Seitz 425.430.7245

<p><b>DESCRIPTION:</b> 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. This project will seek to also address pedestrian, transit and bicycle needs. The corridor limits are from I-405 on the west to the east City limits.</p> <p><b>JUSTIFICATION:</b> This corridor has strong potential for transit usage and is experiencing residential and retail growth.</p>	<p><b>STATUS:</b> The Sunset Area Planned Action EIS initiated in 2010 delineated transportation needs along Sunset Blvd from N Park Dr to Monroe Ave NE, as a Phase 1 project. The cost of the first phase is estimated at \$26M. The project is currently on the PSRC Countywide Contingency list for Design funding.</p> <p><b>CHANGES:</b></p>
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	<b>Funded :</b>	<b>200,000</b>	<b>Unfunded :</b>	<b>26,000,000</b>
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Project Totals		Programmed Pre-2014		Six Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	200,000	200,000								
Preliminary Engineering	2,700,000			2,700,000		1,000,000	1,700,000			
R-O-W (includes Admin)	2,100,000			2,100,000			1,000,000	1,100,000		
Construction	19,100,000			19,100,000				7,000,000	12,100,000	
Construction Services	2,100,000			2,100,000				770,000	1,330,000	
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>26,200,000</b>	<b>200,000</b>		<b>26,000,000</b>		<b>1,000,000</b>	<b>2,700,000</b>	<b>8,870,000</b>	<b>13,430,000</b>	
<b>SOURCES OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (CED)	200,000	200,000								
Other In-Hand										
Grants Proposed (STP)										
Undetermined	26,000,000			26,000,000		1,000,000	2,700,000	8,870,000	13,430,000	
<b>TOTAL SOURCES</b>	<b>26,200,000</b>	<b>200,000</b>		<b>26,000,000</b>		<b>1,000,000</b>	<b>2,700,000</b>	<b>8,870,000</b>	<b>13,430,000</b>	

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<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> 12	<b>CONTACT:</b> Jim Seitz 425.430.7245

<p><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 Glenwood Ave NE.</p> <p><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 redevelopment in the Planned Action Study area over a 20-year period.</p>	<p><b>STATUS:</b> The total cost of project is estimated at \$18.3M. Schedule, estimates and selection of streets to be improved to be determined. Significant cost participation will be required from development interests.</p> <p><b>CHANGES:</b></p>
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Project Totals		Programmed Pre-2014		Six Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	1,940,000			1,940,000				1,940,000		
R-O-W (includes Admin)	980,000			980,000				980,000		
Construction	13,860,000			13,860,000					8,000,000	5,860,000
Construction Services	1,520,000			1,520,000					875,000	645,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>18,300,000</b>			<b>18,300,000</b>				<b>2,920,000</b>	<b>8,875,000</b>	<b>6,505,000</b>
<b>SOURCES OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (CED)										
Other In-Hand										
Undetermined	18,300,000			18,300,000				2,920,000	8,875,000	6,505,000
<b>TOTAL SOURCES</b>	<b>18,300,000</b>			<b>18,300,000</b>				<b>2,920,000</b>	<b>8,875,000</b>	<b>6,505,000</b>

<b>Funded :</b>		<b>Unfunded :</b>	<b>18,300,000</b>
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CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Oakesdale Ave SW/Monster Road SW/68th Ave S to SR 900</b>	<b>Functional Classification:</b>	<b>Fund:</b> 317
<b>Community Planning Area:</b> West Hill	<b>Proj. Length:</b> 0.92 mi	<b>Proj:</b>
	<b>TIP No.</b> 13	<b>CONTACT:</b> Bob Mahn 425.430.7322

**DESCRIPTION:**  
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.

**JUSTIFICATION:**  
Will serve growing north-south traffic demand.

**STATUS:**  
A preliminary design study was completed in 1999. Scope, cost and implementation schedule to be determined. The project cost is estimated at \$30M, with the City's share estimated at \$12M and King Co. at \$18M. 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.

**CHANGES:**  
Cost beyond 2019 not shown.

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	50,000			50,000					50,000	
Preliminary Engineering	3,000,000			3,000,000						3,000,000
R-O-W (includes Admin)	2,300,000			2,300,000						2,300,000
Construction										
Construction Services										
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>5,350,000</b>			<b>5,350,000</b>					<b>50,000</b>	<b>5,300,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (1)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (1)										
Undetermined	5,350,000			5,350,000					50,000	5,300,000
<b>TOTAL SOURCES</b>	<b>5,350,000</b>			<b>5,350,000</b>					<b>50,000</b>	<b>5,300,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

**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.** 14

**CONTACT:** James Wilhoit 425.430.7319

**DESCRIPTION:**

Widening the existing roadway to 3 lanes (2 lanes EB and 1 lane WB) and a separated multi-use trail. Included will be new curb, gutter, wider sidewalks, streetlighting, channelization and landscaping. Also included is a new traffic signal at Shattuck Ave S and modifications to other signals in the corridor.

**STATUS:**

The S 7th St Project - Traffic Analysis Report provided alternatives for corridor improvement options. The planning level cost estimate is \$8M. Phase 1 of the project is the installation of a traffic signal and an eastbound right-turn lane at the intersection of S 7th St and Shattuck Ave S. Funding for the Phase 1 improvements will be provided through a \$500,000 STP grant and a \$585,230 TIB grant.

**JUSTIFICATION:**

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.

**CHANGES:**

Costs beyond 2019 not shown. All future phases of the corridor improvements are unfunded.

**Funded :** 1,217,500    **Unfunded :** 7,600,000

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	32,270	32,270								
Preliminary Engineering	1,312,000		96,000	1,216,000	16,000		200,000	700,000	300,000	
R-O-W (includes Admin)	1,926,430		96,000	1,830,430	230,430			700,000	900,000	
Construction	4,860,800			4,860,800	660,800					4,200,000
Construction Services	686,000			686,000	86,000					600,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>8,817,500</b>	<b>32,270</b>	<b>192,000</b>	<b>8,593,230</b>	<b>993,230</b>		<b>200,000</b>	<b>1,400,000</b>	<b>1,200,000</b>	<b>4,800,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	100,000		32,000	68,000	68,000					
Proposed Fund Balance	32,270	32,270								
Grants In-Hand (STP)	500,000		66,000	434,000	434,000					
Grants In-Hand (TIB)	585,230		94,000	491,230	491,230					
Mitigation In-Hand										
Other (proposed KC Metro)										
Other In-Hand (1)										
Undetermined	7,600,000			7,600,000			200,000	1,400,000	1,200,000	4,800,000
<b>TOTAL SOURCES</b>	<b>8,817,500</b>	<b>32,270</b>	<b>192,000</b>	<b>8,593,230</b>	<b>993,230</b>		<b>200,000</b>	<b>1,400,000</b>	<b>1,200,000</b>	<b>4,800,000</b>



CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 SIX YEAR TIP

**Houser Way N - N 8th St to Lake Washington Blvd**

Functional Classification: N/A  
Proj. Length: N/A  
TIP No. 16

Fund: 317  
Proj: Bob Mahn  
CONTACT: 425.430.7322

Community Planning Area: City Center

**DESCRIPTION:**

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.

**STATUS:**

New project

**JUSTIFICATION:**

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.

**CHANGES:**

Funded : 96,000      Unfunded : 3,779,000

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	600,000			600,000		600,000				
R-O-W (includes Admin)	165,000			165,000		165,000				
Construction	2,740,000			2,740,000			1,090,000	1,650,000		
Construction Services	370,000			370,000			140,000	230,000		
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>3,875,000</b>			<b>3,875,000</b>		<b>765,000</b>	<b>1,230,000</b>	<b>1,880,000</b>		
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	96,000			96,000		35,000	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	3,779,000			3,779,000		730,000	1,214,000	1,835,000		
<b>TOTAL SOURCES</b>	<b>3,875,000</b>			<b>3,875,000</b>		<b>765,000</b>	<b>1,230,000</b>	<b>1,880,000</b>		

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Lake Washington Loop Trail</b>	<b>Functional Classification:</b> varies	<b>Fund:</b> 317
<b>Community Planning Area:</b> City Center	<b>Proj. Length:</b>	<b>Proj:</b> 122802
	<b>TIP No. 17</b>	<b>CONTACT:</b> Jim Seitz 425.430.7245

**DESCRIPTION:**  
The project will provide a shared use regional trail from the Cedar River Trail and extending to the north city limits along Airport Way and Rainier Ave N. Project elements include a 12-foot shared path separated from the travel lanes by an 8-foot landscaped strip.

**JUSTIFICATION:**  
The project will separate pedestrians and bicyclists from the vehicular traffic, enhancing safety and encouraging residents to use active transportation modes.

**STATUS:**  
Right-of-Way costs not included in the planning level cost estimate, since it is assumed that the project can be completed within the existing Airport Way and Rainier Ave N right of ways.

**CHANGES:**

<b>Funded :</b>	<b>50,000</b>	<b>Unfunded :</b>	<b>4,950,000</b>
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Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	50,000			50,000		50,000				
Preliminary Engineering	350,000			350,000		300,000	50,000			
R-O-W (includes Admin)										
Construction	4,000,000			4,000,000			1,000,000	3,000,000		
Construction Services	600,000			600,000			150,000	450,000		
Developer Reimbursement										
<b>TOTAL EXPENSES</b>	<b>5,000,000</b>			<b>5,000,000</b>		<b>350,000</b>	<b>1,200,000</b>	<b>3,450,000</b>		
<b>SOURCES OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	50,000			50,000		50,000				
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other										
Other In-Hand (2)										
Undetermined	4,950,000			4,950,000		300,000	1,200,000	3,450,000		
<b>TOTAL SOURCES</b>	<b>5,000,000</b>			<b>5,000,000</b>		<b>350,000</b>	<b>1,200,000</b>	<b>3,450,000</b>		



CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Walkway Program</b>	<b>Functional Classification:</b> N/A	<b>Fund:</b> 317
<b>Community Planning Area:</b> Citywide	<b>Proj. Length:</b> N/A	<b>Proj:</b> 120009
	<b>TIP No.</b> 19	<b>CONTACT:</b> James Wilhoit 425.430.7319

<p><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.</p> <p><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.</p>	<p><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.</p> <p><b>CHANGES:</b> The design of the sidewalks on Taylor Ave NW and NW 4th St is being funded under this program. The design is underway and is estimated to be completed in 2013. Construction is anticipated to start in 2014.</p>
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**Funded :** 1,015,000    **Unfunded :** 500,000

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	30,000			30,000	5,000	5,000	5,000	5,000	5,000	5,000
Preliminary Engineering	165,000		15,000	150,000	25,000	25,000	25,000	25,000	25,000	25,000
R-O-W (includes Admin)										
Construction	1,195,000		95,000	1,100,000	100,000	200,000	200,000	200,000	200,000	200,000
Construction Services	125,000		15,000	110,000	10,000	20,000	20,000	20,000	20,000	20,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>1,515,000</b>		<b>125,000</b>	<b>1,390,000</b>	<b>140,000</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 License Fee	930,000		100,000	830,000	130,000	140,000	140,000	140,000	140,000	140,000
Proposed Fund Balance	25,000		25,000							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand (sidewalk mit	60,000			60,000	10,000	10,000	10,000	10,000	10,000	10,000
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	500,000			500,000		100,000	100,000	100,000	100,000	100,000
<b>TOTAL SOURCES</b>	<b>1,515,000</b>		<b>125,000</b>	<b>1,390,000</b>	<b>140,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

**Sidewalk Rehabilitation and Replacement Program**

**Functional Classification:** N/A  
**Proj. Length:** N/A  
**TIP No.** 20

**Fund:** 317  
**Proj:** 122801  
**CONTACT:** Bill Wressel 425.430.7400

**Community Planning Area:** Citywide

**DESCRIPTION:**

This program provides for the replacement of existing curb and gutter, sidewalks, and curb ramps where such facilities have deteriorated or have been damaged.

**STATUS:**

The 2013 program will continue work in the Maplewood Glen Neighborhood.

**JUSTIFICATION:**

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.

**CHANGES:**

The program is scaleable to funding availability. Traditionally \$250K were to be allocated for this project.

**Funded :** 1,129,833 **Unfunded :**

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	10,000		5,000	5,000	5,000					
R-O-W (includes Admin)										
Construction	1,080,118	145,118	215,000	720,000	160,000	100,000	100,000	130,000	130,000	100,000
Construction Services	39,715	11,715	18,000	10,000	10,000					
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>1,129,833</b>	<b>156,833</b>	<b>238,000</b>	<b>735,000</b>	<b>175,000</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 License Fee	935,000	100,000	100,000	735,000	175,000	100,000	100,000	130,000	130,000	100,000
Proposed Fund Balance	194,833	56,833	138,000							
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>1,129,833</b>	<b>156,833</b>	<b>238,000</b>	<b>735,000</b>	<b>175,000</b>	<b>100,000</b>	<b>100,000</b>	<b>130,000</b>	<b>130,000</b>	<b>100,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

**NE 31st Street Culvert Replacement**

**Functional Classification:** N/A

**Fund:** 317

**Proj. Length:** N/A

**Proj:** 120026

**Community Planning Area:** Kennydale

**TIP No.** 21

**CONTACT:** Derek Akesson 425.430.7337

**DESCRIPTION:**

The 2009 flooding on May Creek caused damage to the NE 31st St culvert. Settlement of the asphalt roadway above an existing culvert occurred after the high creek flows. The gabion headwall is starting to collapse, which may cause the culvert to completely fail. The existing gabion headwall and culvert pipe need to be replaced.

**STATUS:**

This project was awarded in 2010 a FEMA grant in the amount of \$ \$101,961, State share of \$16,993, and City share of \$16,994 for repair to the existing culvert. In 2012 FEMA increased the grant amount by \$322,072, State share of \$53,678 and City match of \$53,678. Design of a bridge structure to replace the failing culvert is underway. Construction to start in 2013 and be completed in 2014.

**JUSTIFICATION:**

NE 31st St is the only public access to six homes. Failure of the culvert will result in elimination of general and emergency access, thus the importance of the repair.

**CHANGES:**

**Funded :** 570,990      **Unfunded :**

Project Totals	Programmed Pre-2014			Six-Year Program						
	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	90,990	11,190	79,800							
R-O-W (includes Admin)										
Construction	420,000		350,000	70,000	70,000					
Construction Services	60,000		50,000	10,000	10,000					
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>570,990</b>	<b>11,190</b>	<b>479,800</b>	<b>80,000</b>	<b>80,000</b>					
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	65,096		55,096	10,000	10,000					
Proposed Fund Balance	11,190	11,190								
Grants In-Hand (FEMA)	424,033		364,033	60,000	60,000					
Grants In-Hand (State share)	70,671		60,671	10,000	10,000					
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
<b>TOTAL SOURCES</b>	<b>570,990</b>	<b>11,190</b>	<b>479,800</b>	<b>80,000</b>	<b>80,000</b>					

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Maple Valley Highway Attenuator</b>	<b>Functional Classification:</b> Principl Arterial <b>Proj. Length:</b> N/A <b>TIP No.</b> 22	<b>Fund:</b> 317 <b>Proj:</b> <b>CONTACT:</b> James Wilhoit 425.430.7319
<b>Community Planning Area:</b> Cedar River		

**DESCRIPTION:**  
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.

**JUSTIFICATION:**  
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.

**STATUS:**  
The design report is complete and was funded by the Roadway Safety and Guardrail Program (TIP # 24). Construction pending funding availability.

**CHANGES:**

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	100,000			100,000		100,000				
R-O-W (includes Admin)	30,000			30,000		30,000				
Construction	350,000			350,000			350,000			
Construction Services	55,000			55,000			55,000			
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>535,000</b>			<b>535,000</b>		<b>130,000</b>	<b>405,000</b>			
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	535,000			535,000		130,000	405,000			
<b>TOTAL SOURCES</b>	<b>535,000</b>			<b>535,000</b>		<b>130,000</b>	<b>405,000</b>			

<b>Funded :</b>		<b>Unfunded :</b>	<b>535,000</b>
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CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

**Bridge Inspection & Repair Program**

**Functional Classification:** N/A  
**Proj. Length:** N/A  
**TIP No.** 23

**Fund:** 317  
**Proj:** 120106  
**CONTACT:** Derek Akesson 425.430.7337

**Community Planning Area:** Citywide

**DESCRIPTION:**

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.

**STATUS:**

Biennial bridge inspections will occur in 2015.

**JUSTIFICATION:**

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.

**CHANGES:**

Funds shown under construction are for minor repairs to bridge structures.

**Funded :** 376,369      **Unfunded :** 350,000

Project Totals		Programmed Pre-2014			Six-Year Program					
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	255,069	10,069	185,000	60,000	10,000	10,000	10,000	10,000	10,000	10,000
R-O-W (includes Admin)										
Construction	281,300		6,300	275,000		55,000	55,000	55,000	55,000	55,000
Construction Services										
Post Construction Services/Other	190,000			190,000	15,000	35,000	35,000	35,000	35,000	35,000
<b>TOTAL EXPENSES</b>	<b>726,369</b>	<b>10,069</b>	<b>191,300</b>	<b>525,000</b>	<b>25,000</b>	<b>100,000</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 License Fee	230,000		55,000	175,000	25,000	30,000	30,000	30,000	30,000	30,000
Proposed Fund Balance	146,369	10,069	136,300							
Grants In-Hand (FEMA)										
Grants In-Hand (State Share)										
Mitigation In-Hand										
Other In-Hand										
Other In-Hand										
Undetermined	350,000			350,000		70,000	70,000	70,000	70,000	70,000
<b>TOTAL SOURCES</b>	<b>726,369</b>	<b>10,069</b>	<b>191,300</b>	<b>525,000</b>	<b>25,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Roadway Safety and Guardrail Program</b>	Functional Classification: N/A	Fund: 317
Community Planning Area: Citywide	Proj. Length: N/A	Proj: 120110
	TIP No. 24	CONTACT: James Wilhoit 425.430.7319

**DESCRIPTION:**  
This program will provide lower cost guardrail improvements each year and improve the safety of the roadside environment.

**JUSTIFICATION:**  
This program will implement roadside safety improvements including barrier systems and hazardous object removal.

**STATUS:**

**CHANGES:**

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	88,001	49,701	20,300	18,000	3,000	3,000	3,000	3,000	3,000	3,000
R-O-W (includes Admin)										
Construction	80,000		5,000	75,000	10,000	10,000	10,000	10,000	15,000	20,000
Construction Services	12,000			12,000	2,000	2,000	2,000	2,000	2,000	2,000
Post Construction Services/Other										
<b>TOTAL EXPENSES</b>	<b>180,001</b>	<b>49,701</b>	<b>25,300</b>	<b>105,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>20,000</b>	<b>25,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	125,000	10,000	10,000	105,000	15,000	15,000	15,000	15,000	20,000	25,000
Proposed Fund Balance	55,001	39,701	15,300							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand										
Other In-Hand										
Grants Proposed										
Other Proposed										
Undetermined										
<b>TOTAL SOURCES</b>	<b>180,001</b>	<b>49,701</b>	<b>25,300</b>	<b>105,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>20,000</b>	<b>25,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Intersection Safety &amp; Mobility Program</b>	<b>Functional Classification:</b> N/A	<b>Fund:</b> 317
<b>Community Planning Area:</b> N/A	<b>Proj. Length:</b> N/A	<b>Proj:</b> 122601
	<b>TIP No.</b> 25	<b>CONTACT:</b> Chris Barnes 425.430.7220

**DESCRIPTION:**  
This program will install new traffic signals or make improvements to existing signals identified by the Transportation Systems' Traffic Signal Priority List.

**JUSTIFICATION:**  
Historically, on the average, 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.

**STATUS:**  
The priorities and schedules for new traffic signals will be set by the Transportation Systems' Traffic Signal Priority List. The list is determined by citizen concerns, intersection safety, mobility needs, and intersections that meet MUTCD traffic signal warrants.

**CHANGES:**  
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.

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	282,000		30,000	252,000	32,000	44,000	44,000	44,000	44,000	44,000
R-O-W (includes Admin)										
Construction	1,150,000		120,000	1,030,000	130,000	180,000	180,000	180,000	180,000	180,000
Construction Services	168,000		18,000	150,000	20,000	26,000	26,000	26,000	26,000	26,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>1,600,000</b>		<b>168,000</b>	<b>1,432,000</b>	<b>182,000</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 License Fee	1,600,000		168,000	1,432,000	182,000	250,000	250,000	250,000	250,000	250,000
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand										
Other In-Hand										
Grants Proposed										
Other Proposed										
Undetermined										
<b>TOTAL SOURCES</b>	<b>1,600,000</b>		<b>168,000</b>	<b>1,432,000</b>	<b>182,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>

<b>Funded :</b>	<b>1,600,000</b>	<b>Unfunded :</b>	
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CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Traffic Safety Program</b>	<b>Functional Classification:</b> N/A	<b>Fund:</b> 317
<b>Community Planning Area:</b> Citywide	<b>Proj. Length:</b> N/A	<b>Proj:</b> 122115
	<b>TIP No.</b> 26	<b>CONTACT:</b> Eric Cutshall 425.430.7423

**DESCRIPTION:**  
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.

**JUSTIFICATION:**  
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.

**STATUS:**  
The City was awarded a \$300,000 Safety grant for a HAWK signal at Duvall Ave NE and NE 12th St and pedestrian countdown signals at various intersections. Another Project is to install traffic signal uninterruptable power supply/battery backup systems (UPS/BBS) at three critical intersections per year, pending sufficient funding.

**CHANGES:**

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	3,393	3,393								
Preliminary Engineering	70,000		44,500	25,500	3,000	4,500	4,500	4,500	4,500	4,500
R-O-W (includes Admin)										
Construction	526,926	86,926	247,500	192,500	30,000	32,500	32,500	32,500	32,500	32,500
Construction Services	56,000		38,000	18,000	3,000	3,000	3,000	3,000	3,000	3,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>656,319</b>	<b>90,319</b>	<b>330,000</b>	<b>236,000</b>	<b>36,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	286,000	20,000	30,000	236,000	36,000	40,000	40,000	40,000	40,000	40,000
Proposed Fund Balance	70,319	70,319								
Grants In-Hand (WSDOT+Safety)	300,000		300,000							
Grants In-Hand (WTSC)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
<b>TOTAL SOURCES</b>	<b>656,319</b>	<b>90,319</b>	<b>330,000</b>	<b>236,000</b>	<b>36,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>	<b>40,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

**Preservation of Traffic Operation Devices Program**

**Functional Classification:** N/A  
**Proj. Length:** N/A  
**TIP No.** 27

**Fund:** 317  
**Proj:** 122904  
**CONTACT:** Eric Cutshall 425.430.7423

**Community Planning Area:** Citywide

**DESCRIPTION:**

Replace failed or failing traffic signal vehicle detection loops and repair pavement as required to achieve proper installation and assure reliability. 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.

**JUSTIFICATION:**

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.

**STATUS:**

Ongoing yearly program. Replacement of traffic signal detection loops, traffic signs, traffic signal, street lighting poles and pavement markings is dependent upon yearly inspections.

**CHANGES:**

**Funded :** 496,000      **Unfunded :**

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent In 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	7,118	7,118								
Preliminary Engineering R-O-W (includes Admin)										
Construction	488,882	5,982	110,900	372,000	62,000	62,000	62,000	62,000	62,000	62,000
Construction Services Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>496,000</b>	<b>13,100</b>	<b>110,900</b>	<b>372,000</b>	<b>62,000</b>	<b>62,000</b>	<b>62,000</b>	<b>62,000</b>	<b>62,000</b>	<b>62,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	447,100	13,100	62,000	372,000	62,000	62,000	62,000	62,000	62,000	62,000
Proposed Fund Balance	48,900		48,900							
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>496,000</b>	<b>13,100</b>	<b>110,900</b>	<b>372,000</b>	<b>62,000</b>	<b>62,000</b>	<b>62,000</b>	<b>62,000</b>	<b>62,000</b>	<b>62,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Intelligent Transportation Systems (ITS) Program</b>	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

<p><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 &amp; DI), transit signal priority, Intelligent Traffic Systems (ITS) Master Plan and signal improvements such as protective/permissive phasing.</p> <p><b>JUSTIFICATION:</b> Improving the capacity and efficiency of the existing roadway system is a very cost effective element of the transportation program.</p>	<p><b>STATUS:</b> Upgrading of all signal controllers to be compatible with the new central system has been completed.</p> <p><b>CHANGES:</b></p>
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<b>Funded :</b>	<b>321,085</b>	<b>Unfunded :</b>	
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Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	35,000		5,000	30,000	5,000	5,000	5,000	5,000	5,000	5,000
R-O-W (includes Admin)										
Construction	251,085	111,085	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										
<b>TOTAL EXPENSES</b>	<b>321,085</b>	<b>111,085</b>	<b>30,000</b>	<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	260,000	50,000	30,000	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Proposed Fund Balance	61,085	61,085								
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>321,085</b>	<b>111,085</b>	<b>30,000</b>	<b>180,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>	<b>30,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Barrier-Free Transition Plan Implementation</b>	<b>Functional Classification:</b> N/A	<b>Fund:</b> 317
	<b>Proj. Length:</b> N/A	<b>Proj:</b> 122705
<b>Community Planning Area:</b> Citywide	<b>TIP No.</b> 29	<b>CONTACT:</b> James Wilhoit 425.430.7319

**DESCRIPTION:**  
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.

**JUSTIFICATION:**  
A programmatic approach is required to ensure compliance with federal law.

**STATUS:**  
A project list will be developed based upon sites identified in the Transition Plan section of the City of Renton *Comprehensive Citywide Sidewalk Study*.

**CHANGES:**  
Traditionally \$50K were to be allocated for this project.

Project Totals		Programmed Pre-2014		Six Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	38,462	462	10,000	28,000	5,000	5,000	3,000	5,000	5,000	5,000
Preliminary Engineering R-O-W (includes Admin)										
Construction	181,000		20,000	161,000	22,000	22,000	20,000	32,000	32,000	33,000
Construction Services	17,000			17,000	3,000	3,000	2,000	3,000	3,000	3,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>236,462</b>	<b>462</b>	<b>30,000</b>	<b>206,000</b>	<b>30,000</b>	<b>30,000</b>	<b>25,000</b>	<b>40,000</b>	<b>40,000</b>	<b>41,000</b>
<b>SOURCES OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	236,000		30,000	206,000	30,000	30,000	25,000	40,000	40,000	41,000
Proposed Fund Balance	462	462								
Grants In-Hand (1)										
Grants In-Hand (1)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
<b>TOTAL SOURCES</b>	<b>236,462</b>	<b>462</b>	<b>30,000</b>	<b>206,000</b>	<b>30,000</b>	<b>30,000</b>	<b>25,000</b>	<b>40,000</b>	<b>40,000</b>	<b>41,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 SIX YEAR TIP

**City Center Community Plan Support**

**Functional Classification:** N/A  
**Proj. Length:** N/A  
**TIP No.:** 30  
**Fund:** 317  
**Proj:** 122906  
**CONTACT:** Jim Seitz 425.430.7245

**Community Planning Area:** City Center

**DESCRIPTION:**

The City Center Community Plan support will provide traffic operation and circulation improvements and strategies such as pedestrian enhancement (sidewalks, landscaping, wayfinding, public art) on major streets, connection improvements to provide multiple circulation routes, evaluation of benefits of one-way streets and traffic awareness to reduce right-of-way to vehicular traffic and provide enhanced space for other modes of transportation.

**STATUS:**

The scope and cost of the City Center Plan improvements and strategies has yet to be determined. Improvements on S 7th St and Park Ave N extension identified in the City Center Plan are included in the TIP as separate projects.

**JUSTIFICATION:**

The City Center Plan intends to provide better transportation connections for the full range of transportation modes to improve access to and from the City and overall safety within. The City Center Community Plan was adopted by the council on June 6, 2011.

**CHANGES:**

A feasibility study on the conversion of the one way couplets to two-way streets was completed in 2012. Given the high cost of conversion, no additional work will be undertaken in the near term.

**Funded :** 49,090      **Unfunded :**

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	49,090	49,090								
Preliminary Engineering										
R-O-W (includes Admin)										
Construction										
Construction Services										
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>49,090</b>	<b>49,090</b>								
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	49,090	49,090								
Prop. Fund Bal.										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand - Metro Mitig.										
Other In-Hand (2)										
Undetermined										
<b>TOTAL SOURCES</b>	<b>49,090</b>	<b>49,090</b>								

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Project Development &amp; Pre-Design Program</b>	<b>Functional Classification:</b> N/A	<b>Fund:</b> 317
	<b>Proj. Length:</b> N/A	<b>Proj:</b> 122150
<b>Community Planning Area:</b> N/A	<b>TIP No.</b> 31	<b>CONTACT:</b> Jim Seitz 425.430.7245

**DESCRIPTION:**  
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.

**JUSTIFICATION:**  
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.

**STATUS:**  
Ongoing yearly program. This program includes small studies funding and funds required to match new grants.

**CHANGES:**  
Funding to this planning program has been reduced to cover its internal staff costs. In 2013 the planning work under this program included: 1) the conversion of Houser Way N to a two-way operation; 2) the Lake Washington Loop Trail; and 3) Rainier Ave S - Phase II.

**Funded :** 824,511      **Unfunded :**

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	664,511	49,511	100,000	515,000	85,000	85,000	85,000	85,000	85,000	90,000
Preliminary Engineering	160,000			160,000	15,000	26,000	29,000	30,000	30,000	30,000
R-O-W (includes Admin)										
Construction										
Construction Services										
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>824,511</b>	<b>49,511</b>	<b>100,000</b>	<b>675,000</b>	<b>100,000</b>	<b>111,000</b>	<b>114,000</b>	<b>115,000</b>	<b>115,000</b>	<b>120,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	824,511	49,511	100,000	675,000	100,000	111,000	114,000	115,000	115,000	120,000
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand										
Other In-Hand (2)										
Undetermined										
<b>TOTAL SOURCES</b>	<b>824,511</b>	<b>49,511</b>	<b>100,000</b>	<b>675,000</b>	<b>100,000</b>	<b>111,000</b>	<b>114,000</b>	<b>115,000</b>	<b>115,000</b>	<b>120,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Arterial Circulation Program</b>	Functional Classification: N/A	Fund: 317
Community Planning Area: N/A	Proj. Length: N/A	Proj: 120029
	TIP No. 32	CONTACT: Jim Seitz 425.430.7247

**DESCRIPTION:**  
This program provides for the short and long-range planning and traffic analyses required to evaluate and update the *Transportation Element* in relation to the *Comprehensive Land Use Plan* 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.

**STATUS:**  
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 *Transportation Element*.

**JUSTIFICATION:**  
Combined State and Federal Clean Air legislation, the *Growth Management Act*, 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.

**CHANGES:**  
Community Services (Parks Division) is looking to partnership with Transportation Division to update the Trails and Bicycle Master Plan in 2014. Their estimate for the Master Plan update is \$180,000. Staff will seek grant funding for the update in 2014. Transportation Concurrencey/LOS and WSDOT Coordination programs has been combined into the Arterial Circulation Program.

Funded : 994,242      Unfunded :

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent In 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	994,242	59,242	120,000	815,000	110,000	120,000	145,000	145,000	145,000	150,000
Preliminary Engineering										
R-O-W (includes Admin)										
Construction										
Construction Services										
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>994,242</b>	<b>59,242</b>	<b>120,000</b>	<b>815,000</b>	<b>110,000</b>	<b>120,000</b>	<b>145,000</b>	<b>145,000</b>	<b>145,000</b>	<b>150,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	994,242	59,242	120,000	815,000	110,000	120,000	145,000	145,000	145,000	150,000
Proposed Fund Balance										
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>994,242</b>	<b>59,242</b>	<b>120,000</b>	<b>815,000</b>	<b>110,000</b>	<b>120,000</b>	<b>145,000</b>	<b>145,000</b>	<b>145,000</b>	<b>150,000</b>

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Environmental Monitoring Program</b>	Functional Classification: N/A	Fund: 317
Community Planning Area: N/A	Proj. Length: N/A	Proj: 122187
	TIP No. 33	CONTACT: James Wilhoit 425.430.7319

<p><b>DESCRIPTION:</b> Monitoring of wetland mitigation installed as an environmental requirement for a project and to perform biological assessments as required by the Endangered Species Act.</p> <p><b>JUSTIFICATION:</b> Monitoring ensures that the wetland vegetation installed is properly established. Creates an account to pay for unscheduled project environmental assessments.</p>	<p><b>STATUS:</b> Attempts to get early acceptance for the Oakesdale Ave SW Phase 1 site were successful.</p> <p><b>CHANGES:</b></p>
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Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering										
R-O-W (includes Admin)										
Construction										
Construction Services	30,118	118	20,000	10,000	10,000					
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>30,118</b>	<b>118</b>	<b>20,000</b>	<b>10,000</b>	<b>10,000</b>					
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	30,118	118	20,000	10,000	10,000					
Proposed Fund Balance										
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>30,118</b>	<b>118</b>	<b>20,000</b>	<b>10,000</b>	<b>10,000</b>					

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>1% for the Arts Program</b>	<b>Functional Classification:</b> N/A	<b>Fund:</b> 317
	<b>Proj. Length:</b> N/A	<b>Proj:</b> 122112
<b>Community Planning Area:</b> N/A	<b>TIP No.</b> 34	<b>CONTACT:</b> Juliana Fries 425.430.7232

**DESCRIPTION:**  
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.

**JUSTIFICATION:**  
This program transfers funds to Fund 125, which is being managed by the Department of Community and Economic Development.

**STATUS:**  
Program is now based on actual design and construction costs. \$13,261 was transferred in 2010 for 2009 expenditures. No transfer occur in 2011 (2010 capital expenses were offset by grant revenues not received in 2009). \$7,064 was transferred in 2012 for 2011 capital expenditures.

**CHANGES:**

Project Totals		Programmed Pre-2014			Six-Year Program					
ITEM	Programmed	Spent in 2012	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	112,064	7,064	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										
<b>TOTAL EXPENSES</b>	<b>112,064</b>	<b>7,064</b>	<b>15,000</b>	<b>90,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee	112,064	7,064	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										
<b>TOTAL SOURCES</b>	<b>112,064</b>	<b>7,064</b>	<b>15,000</b>	<b>90,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>

<b>Funded :</b>	<b>112,064</b>	<b>Unfunded :</b>	
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CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

**Lake Washington Blvd N - Park Ave N to Gene Coulon Memorial Park**

**Functional Classification:** Collector

**Fund:** 317

**Proj. Length:** N/A

**Proj:** 122121

**Community Planning Area:** City Center

**TIP No.** 35

**CONTACT:** James Wilhoit 425.430.7319

**DESCRIPTION:**

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.

**STATUS:**

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.

**JUSTIFICATION:**

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.

**CHANGES:**

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 :** 2,464,083    **Unfunded :**

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning	14,899	14,899								
Preliminary Engineering										
R-O-W (includes Admin)										
Construction	2,024,821	373,821	51,000	1,600,000		800,000	800,000			
Construction Services	408,429	5,029	3,400	400,000		200,000	200,000			
Post Construction Services	15,934	15,934								
<b>TOTAL EXPENSES</b>	<b>2,464,083</b>	<b>409,683</b>	<b>54,400</b>	<b>2,000,000</b>		<b>1,000,000</b>	<b>1,000,000</b>			
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax	14,490	14,490								
Business License Fee	2,362	2,362								
Proposed Fund Balance	9,378	8,828	550							
Grants In-Hand (1)	179,500	125,650	53,850							
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 In-Hand (2)										
Undetermined										
<b>TOTAL SOURCES</b>	<b>2,464,083</b>	<b>409,683</b>	<b>54,400</b>	<b>2,000,000</b>		<b>1,000,000</b>	<b>1,000,000</b>			

CITY OF RENTON  
PUBLIC WORKS  
TRANSPORTATION SYSTEMS DIVISION  
2014 - 2019 TRANSPORTATION IMPROVEMENT PROGRAM

<b>Lind Ave SW - SW 16th St to SW 43rd St</b>	<b>Functional Classification:</b> Minor Arterial	<b>Fund:</b> 317
	<b>Proj. Length:</b> 1.69 miles	<b>Proj:</b> 120024
<b>Community Planning Area:</b> Valley	<b>TIP No.</b> 36	<b>CONTACT:</b> Bob Mahn 425.430.7322

**DESCRIPTION:**  
Widen existing roadway to five lanes where required. Includes new roadway, curbs, sidewalks, drainage, signals, lighting, signing and channelization.

**JUSTIFICATION:**  
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).

**STATUS:**  
The needs, priorities and schedules for improvements on Lind Ave SW will be determined through Arterial Circulation studies.

**CHANGES:**

Project Totals		Programmed Pre-2014		Six-Year Program						
ITEM	Programmed	Spent Pre-2013	2013	Total	2014	2015	2016	2017	2018	2019
<b>EXPENSES:</b>										
Planning										
Preliminary Engineering	480,000			480,000				250,000	230,000	
R-O-W (includes Admin)										
Construction	2,700,000			2,700,000					1,000,000	1,700,000
Construction Services	320,000			320,000					120,000	200,000
Post Construction Services										
<b>TOTAL EXPENSES</b>	<b>3,500,000</b>			<b>3,500,000</b>				<b>250,000</b>	<b>1,350,000</b>	<b>1,900,000</b>
<b>SOURCE OF FUNDS:</b>										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	3,500,000			3,500,000				250,000	1,350,000	1,900,000
<b>TOTAL SOURCES</b>	<b>3,500,000</b>			<b>3,500,000</b>				<b>250,000</b>	<b>1,350,000</b>	<b>1,900,000</b>

SECTION SIX

**APPENDIX**

- Abbreviations & Acronyms 6-1
- TIP Adopting Resolution 6-2

## ABBREVIATIONS AND ACRONYMS

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

ACP	Asphalt Concrete Pavement
ADA	American Disability Act
BAT	Business Access Transit
BNSF	Burlington Northern Santa Fe
BRAC	Bridge Replacement Advisory Committee
CBD	Central Business District
CIP	Capital Improvement Program
CMAQ	Congestion Mitigation and Air Quality
CTR	Commute Trip Reduction (State Act)
DOE	Department of Ecology
EB	Eastbound
ECL	East City Limits
EIS	Environmental Impact Study
ER	Emergency Relief
FHWA	Federal Highway Administration
FMSIB	Freight Mobility Strategic Investment Board
GIS	Geographic Information System
GMA	Growth Management Act
HOV	High Occupancy Vehicles
ITS	Intelligent Transportation System
LF	Linear Feet
LID	Local Improvement District
LOS	Level of Service
METRO	Municipality of Metropolitan Seattle
MOU	Memorandum of Understanding
MUTCD	Manual on Uniform Traffic Control Devices
NCL	North City Limits
NB	Northbound
PMS	Pavement Management System
Precon	Preconstruction Engineering/Administration (design phase of project)
PS&E	Plans, Specifications, and Estimates
ROW	Right-of-way
RTA	Regional Transit Authority
SB	Southbound
SCATBd	South County Area Transportation Board
SCL	South City Limits
SMA	Structural Matrix Asphalt
SOV	Single Occupant Vehicle
ST	Sound Transit
STP	Surface Transportation Program
TDM	Transportation Demand Management Program

TEA-21	Transportation Efficiency Act
TIB	Transportation Improvement Board
TIP	Transportation Improvement Plan
UPRR	Union Pacific Railroad
UPS	Uninterruptible Power Supply
WB	Westbound
WCL	West City Limits
WSBIS	Washington State Bridge Inventory System
WSDOT	Washington State Department of Transportation

CITY OF RENTON, WASHINGTON

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION OF THE CITY OF RENTON, WASHINGTON, UPDATING THE CITY'S SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM 2014-2019.**

**WHEREAS**, the City of Renton has heretofore adopted a "Six-Year Transportation Improvement Program" pursuant to RCW 35.77.010, and the plan and program having been amended and modified from time to time as authorized by law; and

**WHEREAS**, the City Council, after recommendation of the Public Works Department, held a public hearing on June 24, 2013, after notice to the public as provided by law for the purpose of considering adoption, modification, and amendments of the plan and program; and

**WHEREAS**, at the public hearing held on June 24, 2013, due consideration was given to the proposed changes and amendments for the purpose of updating the plan and program;

**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's "Six-Year Transportation Improvement Program" and the City's "Arterial Street Plan" are hereby further amended and modified, all as more particularly shown on the attached Exhibits "A", "B" and "C" incorporated herein as if fully set forth.

**SECTION III.** The plan and program, as evidenced by said Exhibits, shall be and constitute the City's "Six-Year Transportation Improvement Program" and the City's "Arterial Street Plan", and shall remain in full force and effect until further revised, amended, and modified as provided by law.

RESOLUTION NO. \_\_\_\_\_

**SECTION IV.** The Administrator of the Public Works Department and the City Clerk are hereby authorized and directed to file this Resolution, together with the Exhibits, with the Director of Highways for the State of Washington and as otherwise provided by law.

PASSED BY THE CITY COUNCIL this \_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Bonnie I. Walton, City Clerk

APPROVED BY THE MAYOR this \_\_\_\_ day of \_\_\_\_\_, 2013.

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

Approved as to form:

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

RES.1601:5/10/13:scr