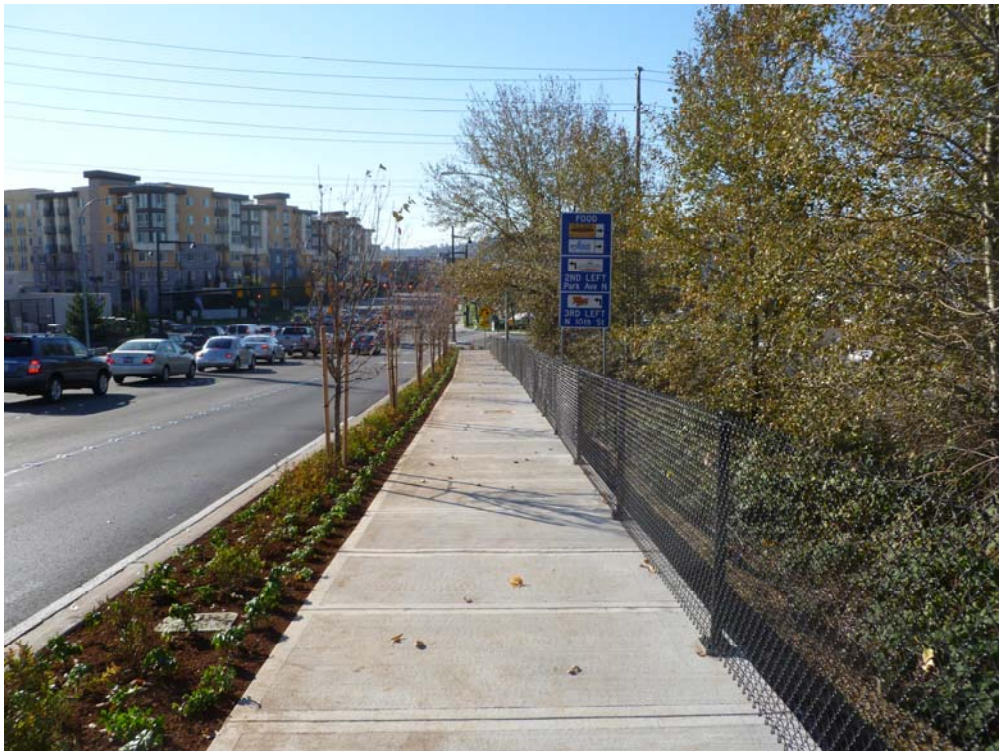
City of Renton
Washington

2016 – 2021
Six-Year
Transportation Improvement Program



Highlands to Landing Pedestrian Connection Project

Mayor Denis Law

Gregg Zimmerman
Public Works Administrator

Hearing: June 15, 2015
Adopted: June 15, 2015
Resolution: 4255

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
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- City Business Plan 1-2

CITY OF RENTON
SIX-YEAR
TRANSPORTATION IMPROVEMENT PROGRAM
2016-2021

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 informed city with opportunities for all**
- **Meeting service demands through high quality customer service, innovation, a positive work environment, and a commitment to excellence**

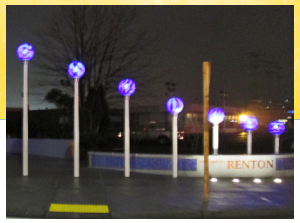
2016–2021 GOALS

Provide a safe, healthy, vibrant community

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

Promote economic vitality and strategically position Renton for the future

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



Support planned growth and influence decisions that impact the city

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

Building an inclusive informed city with opportunities for all

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

Meet service demands and provide high quality customer service

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

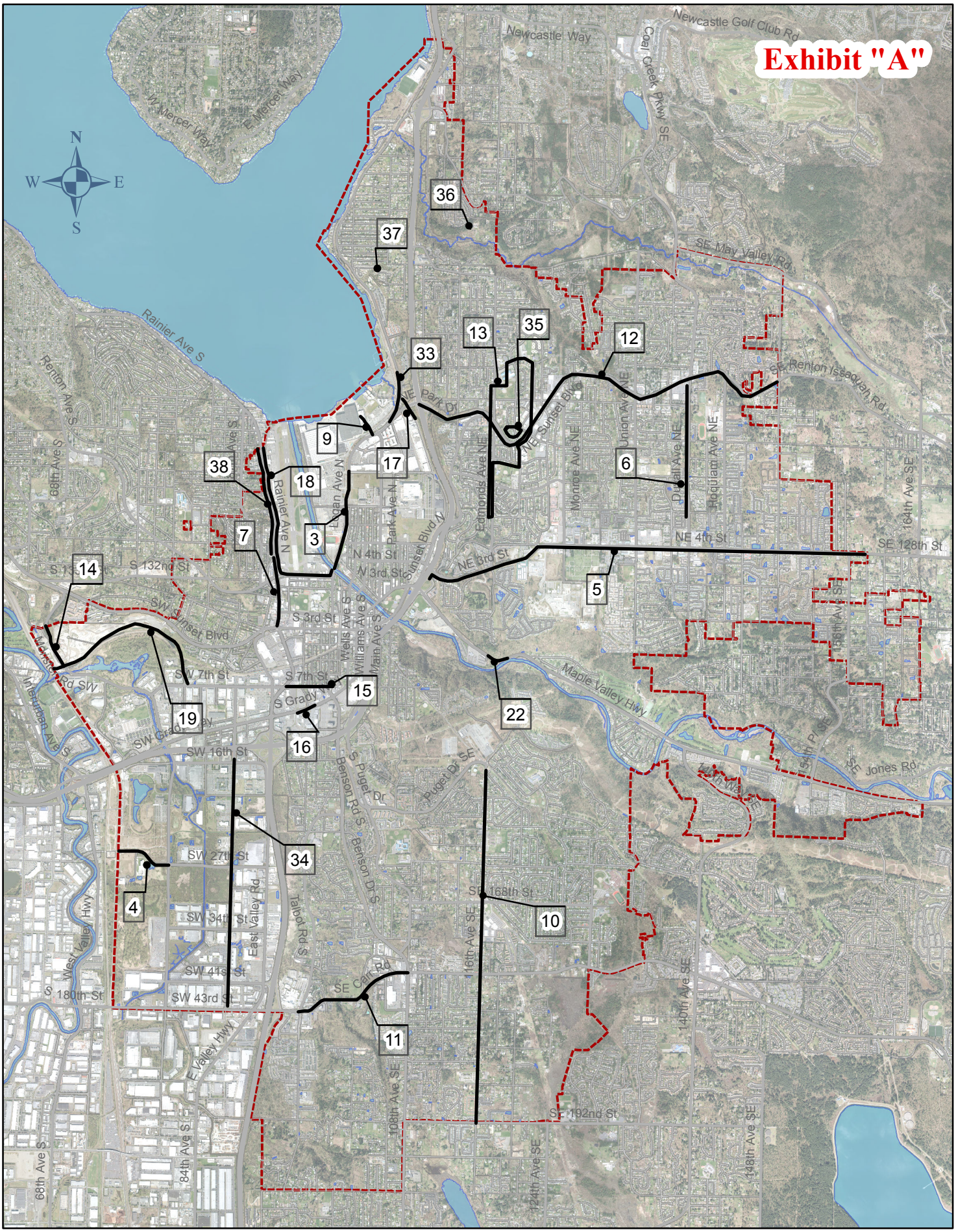
City of Renton

RENTON. AHEAD OF THE CURVE.

SECTION TWO

SIX-YEAR TIP MAP

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



City of Renton - 2016-2021 TIP

City of Renton
2016 – 2021 Amended Transportation Improvement Program
Map Index

TIP No.	Project Title
1	Street Overlay Program
2	Arterial Rehabilitation Program
3	Logan Ave N Improvements
4	SW 27th St/Strander Blvd Connection
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6	Duvall Ave NE – NE 7th to Sunset Blvd NE
7	Rainier Ave S Phase 4 - S 3rd Street to NW 3rd Place
8	Main Ave S/Downtown Circulation Project
9	Park Ave North Extension
10	116th Ave SE/Edmonds Ave SE Improvements
11	Carr Road Improvements
12	NE Sunset Blvd (SR 900) Corridor Improvements
13	Sunset Area Green Connections
14	Oakesdale Ave SW/Monster Road SW/68th Ave S
15	South 7th Street – Rainier Ave S to Talbot Road S
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17	Houser Way N – N 8th St to S Lake Washington Blvd
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26	Traffic Safety Program
27	Preservation of Traffic Operation Devices Program
28	Intelligent Transportation Systems (ITS) Program
29	Barrier Free Transition Plan Implementation
30	Project Development/Predesign
31	Arterial Circulation Program
32	1% for the Arts Program
33	Lake Washington Boulevard – Park Avenue N to Coulon Park
34	Lind Avenue –SW 16th to SW 43rd
35	Sunset Lane/NE 10th St Roadway Improvements
36	NE 31st St Bridge Replacement
37	N 27th Pl Culvert Scour Repair
38	Rainier Ave N Corridor Improvements – Phase 5

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 emphasized the importance of sustaining strong programs in this project category and maintaining our current infrastructure. Therefore more than half of the Transportation's City Funds have historically been allocated under this category. The State Growth Management Act also requires jurisdictions to assess and address the funding required to maintain their existing transportation systems. The City of Renton owns and maintains 250 centerline miles of streets.

Corridor Projects are oriented toward "moving people" through a balanced transportation system that involves multiple modes of transportation. Included are facilities that facilitate the movement of transit and carpools. The Moving Ahead for Progress in the 21st 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 21st 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 - 2016-2021 TIP

Type	TIP	Priority	Project Title	2016	2017	2018	2019	2020	2021	Six-Year Period Total	Total Project Funded	Total Project Unfunded
Maintenance & Preservation	36	*	NE 31st St Bridge Replacement	1,037,300	111,600					1,148,900	1,148,900	
	37	*	N 27th Pl Culvert Scour Repair	355,220	38,254					393,474	393,474	
	1	1	Street Overlay	773,000	1,724,000	1,790,000	1,870,000	1,954,000	2,010,000	10,121,000	5,572,000	4,549,000
	2	2	Arterial Rehabilitation Program		730,000	836,000	882,000	930,000	980,000	4,358,000	2,179,000	2,179,000
	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	30,000	100,000	100,000	100,000	100,000	100,000	530,000	180,000	350,000
	21	5	Sidewalk Rehabilitation and Replacem Prog	100,000	100,000	100,000	130,000	130,000	100,000	660,000	660,000	
	22	6	Maple Valley Highway Attenuator		181,000	999,200				1,180,200		1,180,200
	24	7	Roadway Safety and Guardrail Program	15,000	15,000	15,000	20,000	25,000	25,000	115,000	115,000	
Corridor Projects	4	*	SW 27th St/Strander Blvd Connection									
	4-A	*	SW 27th St - Loan Repayment	150,000						150,000	150,000	
	15	*	S 7th St - Rainier Ave S to Talbot Rd S	101,500		200,000	1,400,000	1,300,000	5,800,000	8,801,500	101,500	8,700,000
	11	*	Carr Road Improvements	2,250,000		200,000				2,450,000	2,250,000	200,000
	3	*	Logan Ave N Improvements	1,395,520		1,240,000	10,000,000	6,000,000	7,440,000	26,075,520	1,395,520	24,680,000
	8	*	Main Ave S/Downtown Circulation Project	888,375						888,375	888,375	
	7	1	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	1,806,000	2,400,000	4,100,000	6,500,000	5,300,000		20,106,000	1,806,000	18,300,000
	12	2	NE Sunset Boulevard (SR 900) Corridor	1,200,000	1,000,000	1,000,000	7,800,000	9,700,000	8,100,000	28,800,000	1,200,000	27,600,000
	35	3	Sunset Lane/NE 10th St Roadway Improvement	400,000	3,965,000					4,365,000	400,000	3,965,000
	6	5	Duvall Ave NE - NE 4th St to Sunset Blvd NE	1,856,000		1,910,000	2,310,000	4,680,000	5,265,000	16,021,000	1,856,000	14,165,000
	17	5	Houser Way N - N 8th St to Lake Washington B		815,000	1,330,000	2,030,000			4,175,000	61,000	4,114,000
	5	6	NE 3rd/NE 4th Corridor			700,000	3,540,000	4,680,000	2,700,000	11,620,000		11,620,000
	9	7	Park Ave N Extension						3,000,000	3,000,000		3,000,000
	13	8	Sunset Area Green Connections				3,600,000	10,700,000	7,900,000	22,200,000		22,200,000
	16	9	S Grady Way - Talbot Rd S to Rainier Ave S			500,000	1,275,000	1,500,000		3,275,000		3,275,000
	10	10	116th Ave SE Improvements	700,000		600,000	1,600,000	4,140,000	3,160,000	10,200,000	700,000	9,500,000
	33	11	Lake Washington Blvd N - Park Ave N to Gene		1,000,000	1,000,000				2,000,000	2,000,000	
	38	12	Rainier Ave N Corridor Improvements - Phase 5					100,000	4,400,000	4,500,000		4,500,000
	34	13	Lind Ave SW - SW 16th St to SW 43rd St				400,000	1,650,000	2,350,000	4,400,000		4,400,000
	14	14	Oakesdale Ave SW/Monster Rd SW/68th Ave S					50,000	8,000,000	8,050,000		8,050,000
Safety	25	1	Intersection Safety & Mobility Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,500,000	
	26	2	Traffic Safety Program	40,000	45,000	45,000	45,000	45,000	45,000	265,000	265,000	
Non-Motorized	19	1	Lake to Sound (L2S) Trail		1,250,000	1,550,000				2,800,000	2,800,000	
	18	2	Lake Washington Loop Trail	1,096,000	3,750,000	1,250,000	1,400,000	3,750,000	3,310,000	14,556,000	1,096,000	13,460,000
	29	3	Barrier-Free Transition Plan Implementation	30,000	30,000	25,000	40,000	40,000	41,000	206,000	206,000	
	20	4	Walkway Program	100,000	250,000	250,000	250,000	250,000	250,000	1,350,000	800,000	550,000
Other	31	1	Arterial Circulation Program	145,000	145,000	145,000	150,000	150,000	150,000	885,000	885,000	
	30	2	Project Development & Pre-Design Program	115,000	115,000	115,000	120,000	120,000	125,000	710,000	710,000	
	28	4	ITS Program	30,000	30,000	30,000	30,000	30,000	30,000	180,000	180,000	
	32	5	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000	90,000	
			Total Sources	**14,940,915**	**18,121,854**	**20,357,200**	**45,819,000**	**57,651,000**	**65,608,000**	**434,494,522**	**31,960,769**	**190,537,200**

* Project under development

SECTION FOUR

EXPENDITURES & REVENUES

- Total Project Expenditure Summary 4-1
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  - Business License Fee 4-5
  - Proposed Fund Balance 4-6
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  - Mitigation In-Hand 4-8
  - Other In-Hand 4-9
  - Undetermined 4-10

SIX-YEAR PROJECT COST SUMMARY *

CITY OF RENTON - 2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM

TIP	Project Title	2016	2017	2018	2019	2020	2021	Period Total	Community Planning Area
1	**Street Overlay**	773,000	1,724,000	1,790,000	1,870,000	1,954,000	2,010,000	10,121,000	Citywide
2	**Arterial Rehabilitation Program**		730,000	836,000	882,000	930,000	980,000	4,358,000	Citywide
3	**Logan Ave N Improvements**	1,395,520		1,240,000	10,000,000	6,000,000	7,440,000	26,075,520	City Center
4	**SW 27th St/Strander Blvd Connection**								Valley
4-A	**SW 27th St - Loan Repayment**	150,000						150,000	N/A
5	**NE 3rd/NE 4th Corridor**			700,000	3,540,000	4,680,000	2,700,000	11,620,000	Highlands & East Plateau
6	**Duvall Ave NE - NE 4th St to Sunset Blvd NE**	1,856,000		1,910,000	2,310,000	4,680,000	5,265,000	16,021,000	Highlands & East Plateau
7	**Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)**	1,806,000	2,400,000	4,100,000	6,500,000	5,300,000		20,106,000	City Center
8	**Main Ave S/Downtown Circulation Project**	888,375						888,375	City Center
9	**Park Ave N Extension**						3,000,000	3,000,000	City Center
10	**116th Ave SE Improvements**	700,000		600,000	1,600,000	4,140,000	3,160,000	10,200,000	Benson
11	**Carr Road Improvements**	2,250,000		200,000				2,450,000	Talbot & Benson
12	**NE Sunset Boulevard (SR 900) Corridor**	1,200,000	1,000,000	1,000,000	7,800,000	9,700,000	8,100,000	28,800,000	City Center, Highlands & East Plateau
13	**Sunset Area Green Connections**				3,600,000	10,700,000	7,900,000	22,200,000	Highlands
14	**Oakesdale Ave SW/Monster Rd SW/68th Ave S**					50,000	8,000,000	8,050,000	West Hill
15	**S 7th St - Rainier Ave S to Talbot Rd S**	101,500		200,000	1,400,000	1,300,000	5,800,000	8,801,500	City Center
16	**S Grady Way - Talbot Rd S to Rainier Ave S**			500,000	1,275,000	1,500,000		3,275,000	City Center
17	**Houser Way N - N 8th St to Lake Washington B**		815,000	1,330,000	2,030,000			4,175,000	City Center
18	**Lake Washington Loop Trail**	1,096,000	3,750,000	1,250,000	1,400,000	3,750,000	3,310,000	14,556,000	City Center
19	**Lake to Sound (L2S) Trail**		1,250,000	1,550,000				2,800,000	City Center & Valley
20	**Walkway Program**	100,000	250,000	250,000	250,000	250,000	250,000	1,350,000	Citywide
21	**Sidewalk Rehabilitation and Replacem Prog**	100,000	100,000	100,000	130,000	130,000	100,000	660,000	Citywide
22	**Maple Valley Highway Attenuator**		181,000	999,200				1,180,200	Cedar River
23	**Bridge Inspection & Repair Program**	30,000	100,000	100,000	100,000	100,000	100,000	530,000	Citywide
24	**Roadway Safety and Guardrail Program**	15,000	15,000	15,000	20,000	25,000	25,000	115,000	Citywide
25	**Intersection Safety & Mobility Program**	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	Citywide
26	**Traffic Safety Program**	40,000	45,000	45,000	45,000	45,000	45,000	265,000	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	**Project Development & Pre-Design Program**	115,000	115,000	115,000	120,000	120,000	125,000	710,000	N/A
31	**Arterial Circulation Program**	145,000	145,000	145,000	150,000	150,000	150,000	885,000	N/A
32	**1% for the Arts Program**	15,000	15,000	15,000	15,000	15,000	15,000	90,000	N/A
33	**Lake Washington Blvd N - Park Ave N to Gene**		1,000,000	1,000,000				2,000,000	City Center
34	**Lind Ave SW - SW 16th St to SW 43rd St**				400,000	1,650,000	2,350,000	4,400,000	Valley
35	**Sunset Lane/NE 10th St Roadway Improvemen**	400,000	3,965,000					4,365,000	Highlands
36	**NE 31st St Bridge Replacement**	1,037,300	111,600					1,148,900	Kennydale
37	**N 27th Pl Culvert Scour Repair**	355,220	38,254					393,474	Kennydale
38	**Rainier Ave N Corridor Improvements - Phase**					100,000	4,400,000	4,500,000	City Center
	Total Expenditures	**14,940,915**	**18,121,854**	**20,357,200**	**45,819,000**	**57,651,000**	**65,608,000**	**222,497,969**	

Six-Year_Proj_Sum *Including unfunded amounts. 06/18/2015 9:19

CITY FUNDS
FUND BALANCE+VEHICLE FUEL TAX+BUSINESS LICENSE+IMPACT FEE+METRO MITIGATION+RESERVE+OTHER

2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

TIP	Project Title	2016	2017	2018	2019	2020	2021	Period Total
1	Street Overlay	773,000	887,000	920,000	960,000	1,002,000	1,030,000	5,572,000
2	Arterial Rehabilitation Program		365,000	418,000	441,000	465,000	490,000	2,179,000
3	Logan Ave N Improvements	7,859						7,859
4	SW 27th St/Strander Blvd Connection							
4-A	SW 27th St - Loan Repayment	150,000						150,000
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE	761,000						761,000
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	244,000						244,000
8	Main Ave S/Downtown Circulation Project	376,000						376,000
9	Park Ave N Extension							
10	116th Ave SE Improvements	95,000						95,000
11	Carr Road Improvements	4,787						4,787
12	NE Sunset Boulevard (SR 900) Corridor	548,032						548,032
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
15	S 7th St - Rainier Ave S to Talbot Rd S	16,451						16,451
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington B			16,000	45,000			61,000
18	Lake Washington Loop Trail							95,000
19	Lake to Sound (L2S) Trail							
20	Walkway Program	100,000	140,000	140,000	140,000	140,000	140,000	800,000
21	Sidewalk Rehabilitation and Replacem Prog	100,000	100,000	100,000	130,000	130,000	100,000	660,000
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program	30,000	30,000	30,000	30,000	30,000	30,000	180,000
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	20,000	25,000	25,000	115,000
25	Intersection Safety & Mobility Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
26	Traffic Safety Program	40,000	45,000	45,000	45,000	45,000	45,000	265,000
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	Project Development & Pre-Design Program	115,000	115,000	115,000	120,000	120,000	125,000	710,000
31	Arterial Circulation Program	145,000	145,000	145,000	150,000	150,000	150,000	885,000
32	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000
33	Lake Washington Blvd N - Park Ave N to Gene							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvemen	400,000						400,000
36	NE 31st St Bridge Replacement	142,115	15,090					157,205
37	N 27th Pl Culvert Scour Repair	1,100						1,100
38	Rainier Ave N Corridor Improvements - Phase 5							
	Total Sources	**4,451,344**	**2,244,090**	**2,326,000**	**2,478,000**	**2,504,000**	**2,533,000**	**16,631,434**

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SUMMARY OF FUNDING SOURCES

2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

		Period						
	ITEM	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**Period Total**
SIX-YEAR PROJECT COSTS:								
	Planning	400,000	255,000	463,000	275,000	415,000	270,000	2,078,000
	Design	4,243,500	931,000	4,165,000	9,425,000	1,275,000	11,525,000	31,564,500
	R-O-W (includes Admin)	1,426,500	3,590,000	3,260,000	14,600,000	3,800,000	4,000,000	30,676,500
	Construction Contract	7,175,560	11,164,500	10,723,700	18,674,000	44,661,000	41,488,000	133,886,760
	Construction Management	1,675,355	2,146,354	1,710,500	2,810,000	7,465,000	8,290,000	24,097,209
	Other/ Post Const. Services	20,000	35,000	35,000	35,000	35,000	35,000	195,000
Sub - TOTAL SIX-YEAR COST		**14,940,915**	**18,121,854**	**20,357,200**	**45,819,000**	**57,651,000**	**65,608,000**	**222,497,969**
SOURCE OF FUNDS:								
	Vehicle Fuel Tax	650,000	660,000	670,000	680,000	690,000	700,000	4,050,000
	Business License Fee	2,073,000	2,114,090	2,156,000	2,200,000	2,243,000	2,288,000	13,074,090
	Fund Balance+Held reserve	970,344						970,344
	Grants In-Hand	10,399,571	134,764					10,534,335
	Mitigation In-Hand	376,000	5,000	5,000	5,000	5,000	5,000	25,000
	Other In-Hand	495,000	2,250,000	2,550,000				5,671,000
Sub - TOTAL SIX-YEAR FUNDED		**14,963,915**	**5,163,854**	**5,381,000**	**2,885,000**	**2,938,000**	**2,993,000**	**34,324,769**
	Undetermined		13,493,000	15,481,200	43,341,000	55,147,000	63,075,000	190,537,200
Sub - TOTAL SIX-YEAR UNFUNDED			**13,493,000**	**15,481,200**	**43,341,000**	**55,147,000**	**63,075,000**	**190,537,200**
	Not allocated Business License	18,000	535,000	505,000	407,000	434,000	460,000	2,359,000
TOTAL SOURCES - FUNDED & UNFUNDED		**14,940,915**	**18,121,854**	**20,357,200**	**45,819,000**	**57,651,000**	**65,608,000**	**220,318,969**

[1] Not included in the programmed above

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VEHICLE FUEL TAX

2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

TIP	Project Title	2016	2017	2018	2019	2020	2021	Period Total
1	Street Overlay	650,000	660,000	670,000	680,000	690,000	700,000	4,050,000
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 4th St to Sunset Blvd NE							
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)							
8	Main Ave S/Downtown Circulation Project							
9	Park Ave N Extension							
10	116th Ave SE Improvements							
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor							
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington B							
18	Lake Washington Loop Trail							
19	Lake to Sound (L2S) Trail							
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program							
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program							
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvemen							
36	NE 31st St Bridge Replacement							
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase							
	Total Sources	650,000	660,000	670,000	680,000	690,000	700,000	4,050,000

BUSINESS LICENSE FEE

2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

TIP	Project Title	2016	2017	2018	2019	2020	2021	Period Total
1	Street Overlay	123,000	227,000	250,000	280,000	312,000	330,000	1,522,000
2	Arterial Rehabilitation Program		365,000	418,000	441,000	465,000	490,000	2,179,000
3	Logan Ave N Improvements							
4	SW 27th St/Strander Blvd Connection							
4-A	SW 27th St - Loan Repayment	150,000						150,000
5	NE 3rd/NE 4th Corridor							
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE	511,000						511,000
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	244,000						244,000
8	Main Ave S/Downtown Circulation Project							
9	Park Ave N Extension							
10	116th Ave SE Improvements	95,000						95,000
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor							
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington B			16,000	45,000			61,000
18	Lake Washington Loop Trail							
19	Lake to Sound (L2S) Trail							
20	Walkway Program	100,000	140,000	140,000	140,000	140,000	140,000	800,000
21	Sidewalk Rehabilitation and Replacem Prog	100,000	100,000	100,000	130,000	130,000	100,000	660,000
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program	30,000	30,000	30,000	30,000	30,000	30,000	180,000
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	20,000	25,000	25,000	115,000
25	Intersection Safety & Mobility Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
26	Traffic Safety Program	40,000	40,000	40,000	40,000	40,000	40,000	240,000
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	Project Development & Pre-Design Program	115,000	115,000	115,000	120,000	120,000	125,000	710,000
31	Arterial Circulation Program	145,000	145,000	145,000	150,000	150,000	150,000	885,000
32	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000
33	Lake Washington Blvd N - Park Ave N to Gene							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvemen							
36	NE 31st St Bridge Replacement		15,090					15,090
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase 5							
	Not Allocated - To Fund Balance	18,000	535,000	505,000	407,000	434,000	460,000	2,359,000
	Total Sources	**2,073,000**	**2,114,090**	**2,156,000**	**2,200,000**	**2,243,000**	**2,288,000**	**13,074,090**

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USE OF FUND BALANCE + HELD RESERVE FOR 2015 MATCH

2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

TIP	Project Title	2016	2017	2018	2019	2020	2021	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements	7,859						7,859
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 4th St to Sunset Blvd NE	250,000						250,000
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)							
8	Main Ave S/Downtown Circulation Project							
9	Park Ave N Extension							
10	116th Ave SE Improvements							
11	Carr Road Improvements	4,787						4,787
12	NE Sunset Boulevard (SR 900) Corridor	548,032						548,032
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
15	S 7th St - Rainier Ave S to Talbot Rd S	16,451						16,451
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington B							
18	Lake Washington Loop Trail							
19	Lake to Sound (L2S) Trail							
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program							
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program							
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvemen							
36	NE 31st St Bridge Replacement	142,115						142,115
37	N 27th Pl Culvert Scour Repair	1,100						1,100
38	Rainier Ave N Corridor Improvements - Phase							
	Total Sources	**970,344**						**970,344**

GRANTS IN-HAND

2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

TIP	Project Title	2016	2017	2018	2019	2020	2021	Period Total
1	Street Overlay							
2	Arterial Rehabilitation Program							
3	Logan Ave N Improvements	1,387,661						1,387,661
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 4th St to Sunset Blvd NE	1,095,000						1,095,000
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	1,562,000						1,562,000
8	Main Ave S/Downtown Circulation Project	512,375						512,375
9	Park Ave N Extension							
10	116th Ave SE Improvements	605,000						605,000
11	Carr Road Improvements	2,245,213						2,245,213
12	NE Sunset Boulevard (SR 900) Corridor	656,968						656,968
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
15	S 7th St - Rainier Ave S to Talbot Rd S	85,049						85,049
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington B							
18	Lake Washington Loop Trail	1,001,000						1,001,000
19	Lake to Sound (L2S) Trail							
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program							
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program							
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvemen							
36	NE 31st St Bridge Replacement	895,185	96,510					991,695
37	N 27th Pl Culvert Scour Repair	354,120	38,254					392,374
38	Rainier Ave N Corridor Improvements - Phase							
	Total Sources	**10,399,571**	**134,764**					**10,534,335**

Grants-in-Hand

MITIGATION IN-HAND (IMPACT FEES)

2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

TIP	Project Title	2016	2017	2018	2019	2020	2021	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 4th St to Sunset Blvd NE							
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)							
8	Main Ave S/Downtown Circulation Project	376,000						376,000
9	Park Ave N Extension							
10	116th Ave SE Improvements							
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor							
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington B							
18	Lake Washington Loop Trail							
19	Lake to Sound (L2S) Trail							
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program							
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program		5,000	5,000	5,000	5,000	5,000	25,000
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene							
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvemen							
36	NE 31st St Bridge Replacement							
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase							
	Not Allocated - To Mitigation Balance	593,000	626,000	645,000	665,000	685,000	705,000	3,919,000
	Total Sources	**969,000**	**631,000**	**650,000**	**670,000**	**690,000**	**710,000**	**4,320,000**

Projects non-eligible for use of mitigation fees

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OTHER IN-HAND (INCLUDES: GENERAL FUND, AIRPORT AND DEVELOPER CONTRIBUTIONS)

2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

TIP	Project Title	2016	2017	2018	2019	2020	2021	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 4th St to Sunset Blvd NE							
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)							
8	Main Ave S/Downtown Circulation Project							
9	Park Ave N Extension							
10	116th Ave SE Improvements							
11	Carr Road Improvements							
12	NE Sunset Boulevard (SR 900) Corridor							
13	Sunset Area Green Connections							
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S							
15	S 7th St - Rainier Ave S to Talbot Rd S							
16	S Grady Way - Talbot Rd S to Rainier Ave S							
17	Houser Way N - N 8th St to Lake Washington B							
18	Lake Washington Loop Trail	95,000						95,000
19	Lake to Sound (L2S) Trail		1,250,000	1,550,000				2,800,000
20	Walkway Program							
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator							
23	Bridge Inspection & Repair Program							
24	Roadway Safety and Guardrail Program							
25	Intersection Safety & Mobility Program							
26	Traffic Safety Program							
27	Preservation of Traffic Oper Device Program							
28	ITS Program							
29	Barrier-Free Transition Plan Implementation							
30	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene		1,000,000	1,000,000				2,000,000
34	Lind Ave SW - SW 16th St to SW 43rd St							
35	Sunset Lane/NE 10th St Roadway Improvemen	400,000						400,000
36	NE 31st St Bridge Replacement							
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase							
	Total Sources	**495,000**	**2,250,000**	**2,550,000**				**5,295,000**

UNDETERMINED

2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

TIP	Project Title	2016	2017	2018	2019	2020	2021	Period Total
1	Street Overlay		837,000	870,000	910,000	952,000	980,000	4,549,000
2	Arterial Rehabilitation Program		365,000	418,000	441,000	465,000	490,000	2,179,000
3	Logan Ave N Improvements			1,240,000	10,000,000	6,000,000	7,440,000	24,680,000
4	SW 27th St/Strander Blvd Connection							
4-A	SW 27th St - Loan Repayment							
5	NE 3rd/NE 4th Corridor			700,000	3,540,000	4,680,000	2,700,000	11,620,000
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE			1,910,000	2,310,000	4,680,000	5,265,000	14,165,000
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)		2,400,000	4,100,000	6,500,000	5,300,000		18,300,000
8	Main Ave S/Downtown Circulation Project							
9	Park Ave N Extension						3,000,000	3,000,000
10	116th Ave SE Improvements			600,000	1,600,000	4,140,000	3,160,000	9,500,000
11	Carr Road Improvements			200,000				200,000
12	NE Sunset Boulevard (SR 900) Corridor		1,000,000	1,000,000	7,800,000	9,700,000	8,100,000	27,600,000
13	Sunset Area Green Connections				3,600,000	10,700,000	7,900,000	22,200,000
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S					50,000	8,000,000	8,050,000
15	S 7th St - Rainier Ave S to Talbot Rd S			200,000	1,400,000	1,300,000	5,800,000	8,700,000
16	S Grady Way - Talbot Rd S to Rainier Ave S			500,000	1,275,000	1,500,000		3,275,000
17	Houser Way N - N 8th St to Lake Washington B		815,000	1,314,000	1,985,000			4,114,000
18	Lake Washington Loop Trail		3,750,000	1,250,000	1,400,000	3,750,000	3,310,000	13,460,000
19	Lake to Sound (L2S) Trail							
20	Walkway Program		110,000	110,000	110,000	110,000	110,000	550,000
21	Sidewalk Rehabilitation and Replacem Prog							
22	Maple Valley Highway Attenuator		181,000	999,200				1,180,200
23	Bridge Inspection & Repair Program		70,000	70,000	70,000	70,000	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	Project Development & Pre-Design Program							
31	Arterial Circulation Program							
32	1% for the Arts Program							
33	Lake Washington Blvd N - Park Ave N to Gene							
34	Lind Ave SW - SW 16th St to SW 43rd St				400,000	1,650,000	2,350,000	4,400,000
35	Sunset Lane/NE 10th St Roadway Improvemen		3,965,000					3,965,000
36	NE 31st St Bridge Replacement							
37	N 27th Pl Culvert Scour Repair							
38	Rainier Ave N Corridor Improvements - Phase					100,000	4,400,000	4,500,000
	Total Undetermined		**13,493,000**	**15,481,200**	**43,341,000**	**55,147,000**	**63,075,000**	**190,537,200**

SECTION FIVE

PROJECT DESCRIPTIONS

- Summary of TIP Projects & Costs 5-1a
- Detailed Project Descriptions 5-1 to 5-38

CITY OF RENTON - PUBLIC WORKS TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TIP
Total Project Costs

TIP	Project Title	2016	2017	2018	2019	2020	2021	Six-Year Period Total	Total Funded	Total Unfunded
1	Street Overlay	773,000	1,724,000	1,790,000	1,870,000	1,954,000	2,010,000	10,121,000	5,572,000	4,549,000
2	Arterial Rehabilitation Program		730,000	836,000	882,000	930,000	980,000	4,358,000	2,179,000	2,179,000
3	Logan Ave N Improvements	1,395,520		1,240,000	10,000,000	6,000,000	7,440,000	26,075,520	1,395,520	24,680,000
4	SW 27th St/Strander Blvd Connection									
4-A	SW 27th St - Loan Repayment	150,000						150,000	150,000	
5	NE 3rd/NE 4th Corridor			700,000	3,540,000	4,680,000	2,700,000	11,620,000		11,620,000
6	Duvall Ave NE - NE 4th St to Sunset Blvd NE	1,856,000		1,910,000	2,310,000	4,680,000	5,265,000	16,021,000	1,856,000	14,165,000
7	Rainier Ave S Phase 4 (S 3rd St to NW 3rd Pl)	1,806,000	2,400,000	4,100,000	6,500,000	5,300,000		20,106,000	1,806,000	18,300,000
8	Main Ave S/Downtown Circulation Project	888,375						888,375	888,375	
9	Park Ave N Extension						3,000,000	3,000,000		3,000,000
10	116th Ave SE Improvements	700,000		600,000	1,600,000	4,140,000	3,160,000	10,200,000	700,000	9,500,000
11	Carr Road Improvements	2,250,000		200,000				2,450,000	2,250,000	200,000
12	NE Sunset Boulevard (SR 900) Corridor	1,200,000	1,000,000	1,000,000	7,800,000	9,700,000	8,100,000	28,800,000	1,200,000	27,600,000
13	Sunset Area Green Connections				3,600,000	10,700,000	7,900,000	22,200,000		22,200,000
14	Oakesdale Ave SW/Monster Rd SW/68th Ave S					50,000	8,000,000	8,050,000		8,050,000
15	S 7th St - Rainier Ave S to Talbot Rd S	101,500		200,000	1,400,000	1,300,000	5,800,000	8,801,500	101,500	8,700,000
16	S Grady Way - Talbot Rd S to Rainier Ave S			500,000	1,275,000	1,500,000		3,275,000		3,275,000
17	Houser Way N - N 8th St to Lake Washington B		815,000	1,330,000	2,030,000			4,175,000	61,000	4,114,000
18	Lake Washington Loop Trail	1,096,000	3,750,000	1,250,000	1,400,000	3,750,000	3,310,000	14,556,000	1,096,000	13,460,000
19	Lake to Sound (L2S) Trail		1,250,000	1,550,000				2,800,000	2,800,000	
20	Walkway Program	100,000	250,000	250,000	250,000	250,000	250,000	1,350,000	800,000	550,000
21	Sidewalk Rehabilitation and Replacem Prog	100,000	100,000	100,000	130,000	130,000	100,000	660,000	660,000	
22	Maple Valley Highway Attenuator		181,000	999,200				1,180,200		1,180,200
23	Bridge Inspection & Repair Program	30,000	100,000	100,000	100,000	100,000	100,000	530,000	180,000	350,000
24	Roadway Safety and Guardrail Program	15,000	15,000	15,000	20,000	25,000	25,000	115,000	115,000	
25	Intersection Safety & Mobility Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	1,500,000	
26	Traffic Safety Program	40,000	45,000	45,000	45,000	45,000	45,000	265,000	265,000	
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	Project Development & Pre-Design Program	115,000	115,000	115,000	120,000	120,000	125,000	710,000	710,000	
31	Arterial Circulation Program	145,000	145,000	145,000	150,000	150,000	150,000	885,000	885,000	
32	1% for the Arts Program	15,000	15,000	15,000	15,000	15,000	15,000	90,000	90,000	
33	Lake Washington Blvd N - Park Ave N to Gene		1,000,000	1,000,000				2,000,000	2,000,000	
34	Lind Ave SW - SW 16th St to SW 43rd St				400,000	1,650,000	2,350,000	4,400,000		4,400,000
35	Sunset Lane/NE 10th St Roadway Improvemen	400,000	3,965,000					4,365,000	400,000	3,965,000
36	NE 31st St Bridge Replacement	1,037,300	111,600					1,148,900	1,148,900	
37	N 27th Pl Culvert Scour Repair	355,220	38,254					393,474	393,474	
38	Rainier Ave N Corridor Improvements - Phase					100,000	4,400,000	4,500,000		4,500,000
	Total Sources	**14,940,915**	**18,121,854**	**20,357,200**	**45,819,000**	**57,651,000**	**65,608,000**	**222,497,969**	**31,960,769**	**190,537,200**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Street Overlay

Functional Classification: N/A
Proj. Length: N/A
Proj: 122108
Community Planning Area: N/A
TIP No. 1
CONTACT: Bill Wressel 425.430.2280

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. 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.

STATUS:
The 2014 "Pavement Management Program State of the Streets Report" rated the average Pavement Condition Index (PCI) as 72. A review of the report to assess the needed funding will be conducted in 2015. A new source of funding will need to be identified to accommodate any increase in expenditures.

CHANGES:
This program allocates $100K/yr for the overlay of alley ways. The alley ways funding for 2015 will be reserved to complete the alley way on the SW quadrant of S 2nd St and Main Ave S in 2016.

Funded :	7,207,007	Unfunded :	4,549,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent In 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	28,524	524	4,000	24,000	4,000	4,000	4,000	4,000	4,000	4,000
R-O-W (includes Admin)										
Construction	11,282,301	709,501	811,800	9,761,000	713,000	1,664,000	1,730,000	1,810,000	1,894,000	1,950,000
Construction Services	445,182	56,182	53,000	336,000	56,000	56,000	56,000	56,000	56,000	56,000
Post Construction Services										
TOTAL EXPENSES	**11,756,007**	**766,207**	**868,800**	**10,121,000**	**773,000**	**1,724,000**	**1,790,000**	**1,870,000**	**1,954,000**	**2,010,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax	5,450,000	760,000	640,000	4,050,000	650,000	660,000	670,000	680,000	690,000	700,000
Business License Fee	1,638,207	6,207	110,000	1,522,000	123,000	227,000	250,000	280,000	312,000	330,000
Proposed Fund Balance	118,800		118,800							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	4,549,000			4,549,000		837,000	870,000	910,000	952,000	980,000
TOTAL SOURCES	**11,756,007**	**766,207**	**868,800**	**10,121,000**	**773,000**	**1,724,000**	**1,790,000**	**1,870,000**	**1,954,000**	**2,010,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Arterial Rehabilitation Program

Functional Classification: Various
Proj. Length: N/A
Proj: 122186
Community Planning Area: N/A
TIP No. 2
CONTACT: Bill Wressel 425.430.2280

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: 2015: SW Grady Way; 2015 and 2016 moved for match on Duvall Ave NE; 2017: Renton Ave Ext (S 130th St to Taylor Ave NW); Benson Rd (106th Ave SE St to S Puget Dr); 2018: Benson Rd S (S Puget Dr to S Eagle Ridge Dr); 2019: Benson Rd S (S Eagle Ridge Dr to I-405 bridge approach); 2020: N 4th St from Logan Ave N to Factory Ave N. This order may change depending on future ratings.

CHANGES:
Funds for 2015 ($404,000), 2016 ($425,000) and portion of 2017 ($31,000) have been moved to Duvall Ave NE (TIP #6), for local match for the preservation grant. A new source of funding will need to be identified to accommodate any increase in expenditures.

Funded : 3,432,298 **Unfunded :** 2,179,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	88,298	80,298	8,000							
R-O-W (includes Admin)										
Construction	5,290,000		932,000	4,358,000		730,000	836,000	882,000	930,000	980,000
Construction Services	233,000		233,000							
Post Construction Services										
TOTAL EXPENSES	**5,611,298**	**80,298**	**1,173,000**	**4,358,000**		**730,000**	**836,000**	**882,000**	**930,000**	**980,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	2,376,000	80,000	117,000	2,179,000		365,000	418,000	441,000	465,000	490,000
Proposed Fund Balance	366,298	298	366,000							
Grants In-Hand (STP-Preservation)	700,000		700,000							
Grants In-Hand (2)										
Mitigation In-Hand										
WSDOT State (deducted from gran	-10,000		-10,000							
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	2,179,000			2,179,000		365,000	418,000	441,000	465,000	490,000
TOTAL SOURCES	**5,611,298**	**80,298**	**1,173,000**	**2,179,000**		**730,000**	**836,000**	**882,000**	**930,000**	**980,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Logan Ave N Improvements

Functional Classification: Principal Arterial
Proj. Length: 0.76 mi
Fund: 317
Proj: 122303
Community Planning Area: City Center
TIP No. 3
CONTACT: James Wilhoit 425.430.7319

DESCRIPTION:
Phase 1 (from Cedar River Bridge to N 6th st) includes reconstruction of the roadway pavement, new traffic signal and new curb, gutter, sidewalks, landscaped buffer, streetlights on the east side of Logan Ave N. Phase 2 (N 6th St to Park Ave N) will add a northbound lane, new curb, gutter, sidewalks (on the east side), landscaped buffer, and a pedestrian/bicycle trail (west side), streetlights, pedestrian scale illumination, crosswalks, pedestrians ramps, channelization.

JUSTIFICATION:
The condition of the roadway pavement has deteriorated (due to increase in commuter and freight volume) to the extend that total replacement may be needed. The increase in traffic and the new RapidRide transit have warranted widening to add a northbound lane. Included with the improvements are urban roadway amenities to implement "Complete Streets" practice per City code.

STATUS:
The City was awarded a STP grant in the amount of $951,000 for design in 2012. A TIB grant in the amount of $4,618,248 was awarded in 2013. A STP grant in the amount of $2,490,000 was awarded in 2014 for construction of Phase 1. Phase 2 is pending future grant funding availability.

CHANGES:
The design work for the bicycle crossing on Cedar River bridge has been moved to TIP 18 - Loop Trail. Transit Signal Priority (TSP) at Logan Ave with Airport Way has been completed as part of the RapidRide implementation. Funding in 2015-2016 is for construction of Phase 1. Phase 2 from N 6th St to Park Ave is under project development and design.

Funded : 8,136,893 **Unfunded :** 24,680,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	39,760	39,760								
Preliminary Engineering	3,302,736	832,336	230,400	2,240,000			1,240,000	1,000,000		
R-O-W (includes Admin)	9,056,720	28,220	28,500	9,000,000				9,000,000		
Construction	16,655,800		4,364,640	12,291,160	1,091,160				5,000,000	6,200,000
Construction Services	3,761,876	76	1,217,440	2,544,360	304,360				1,000,000	1,240,000
Post Construction Services										
TOTAL EXPENSES	**32,816,893**	**900,393**	**5,840,980**	**26,075,520**	**1,395,520**		**1,240,000**	**10,000,000**	**6,000,000**	**7,440,000**
SOURCES OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	27,065	27,065								
Fund Balance + Held reserve	30,524	20,111	2,554	7,859	7,859					
Grants In-Hand (STP)	3,441,001	799,217	2,143,784	498,000	498,000					
Grants In-Hand (TIB)	4,448,303		3,558,642	889,661	889,661					
Mitigation In-Hand	200,000	54,000	146,000							
WSDOT State (deducted from grar	-10,000		-10,000							
Other In-Hand										
Other In-Hand										
Undetermined	24,680,000			24,680,000			1,240,000	10,000,000	6,000,000	7,440,000
TOTAL SOURCES	**32,816,893**	**900,393**	**5,840,980**	**26,075,520**	**1,395,520**		**1,240,000**	**10,000,000**	**6,000,000**	**7,440,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

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; $4M (plus $123,766 for wetland acqusition) from Sound Transit and a $2.75M from TIB. An interfund loan ($700K) was approved for the current phase. The loan repayment is reflected in a separate TIP (Loan Repayment - TIP No. 4-A). Mitigation funds habe been allocated to this phase.

CHANGES:
Phase 1 - Seg 2a - 2 lane roadway from Naches Ave SW to the Sounder Station, including a BNSF bridge is completed. Project in close out. City of Tukwila has taken the lead for future phases.

Funded : 31,126,569 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	5,030,912	5,030,912								
R-O-W (includes Admin)	3,842,563	3,842,563								
Construction	16,692,572	16,142,572	550,000							
Construction Services	2,551,079	2,401,079	150,000							
Phase 1, Seg 1 design/constr.	3,009,442	3,009,442								
TOTAL EXPENSES	**31,126,569**	**30,426,569**	**700,000**							
SOURCES OF FUNDS:										
Vehicle Fuel Tax										
Interfund Loan	700,000	700,000								
Gen Fund & Prop.Fund Balance	2,648,410	2,093,410	555,000							
Grants In-Hand (State & Fed)	2,408,422	2,408,422								
Grants In-Hand (FMSIB)	7,697,425	7,697,425								
Mitigation In-Hand	852,500	707,500	145,000							
Bonds	2,799,500	2,799,500								
Other: Sound Transit + FRB	4,687,421	4,687,421								
Grants In-Hand (STP Grant+TIB)	7,346,536	7,346,536								
City of Tukwila Reimb.	1,000,000	1,000,000								
Sale of Property (BNSF)	561,335	561,335								
PW Utilites (Water & Surf Water)	425,020	425,020								
Undetermined										
TOTAL SOURCES	**31,126,569**	**30,426,569**	**700,000**							

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

SW 27th Street/Strander Boulevard Connection - Loan Repayment

Functional Classification: N/A
Proj. Length: N/A
Proj:
Community Planning Area: Valley
TIP No. 4-A
CONTACT: Keith Woolley 425.430.7318

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 approximatly $48,000.

STATUS:

CHANGES:

Funded :	748,360	Unfunded :	

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Loan repayment	748,360	448,770	149,590	150,000	150,000					
Preliminary Engineering										
R-O-W (includes Admin)										
Construction										
Construction Services										
Phase 1, Seg 1 design and cons										
TOTAL EXPENSES	**748,360**	**448,770**	**149,590**	**150,000**	**150,000**					
SOURCES OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	748,360	448,770	149,590	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										
TOTAL SOURCES	**748,360**	**448,770**	**149,590**	**150,000**	**150,000**					

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

NE 3rd/NE 4th Corridor Improvements

Functional Classification: Principal
Proj. Length: 2.2 mi
Proj: 122176
Community Planning Area: Highlands & East Plateau
TIP No. 5
CONTACT: Keith Woolley 425.430.7318

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 all corridor improvements (from Sunset Blvd N to the east City limits) is $46M. Phase 1 constructed a new signal and other improvements at NE 4th St and Whitman Ave NE. The project received a grant from TIB for Phase 1. Programmed expenses (2018-2021) are placeholders for future phases.

CHANGES:
Future phases are dependent on the receipt of grants.

Funded : 3,719,085 **Unfunded :** 11,620,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	218,420	218,420								
Preliminary Engineering	2,176,917	776,917		1,400,000			700,000	700,000		
R-O-W (includes Admin)	584,024	84,024		500,000				500,000		
Construction	9,316,803	2,316,803		7,000,000				2,000,000	4,000,000	1,000,000
Construction Services	3,042,921	322,921		2,720,000				340,000	680,000	1,700,000
Post Construction Services										
TOTAL EXPENSES	**15,339,085**	**3,719,085**		**11,620,000**			**700,000**	**3,540,000**	**4,680,000**	**2,700,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	422,831	422,831								
Proposed Fund Balance	1,024,433	1,024,433								
Grants In-Hand (TIB)	1,495,542	1,495,542								
Grants In-Hand (2)										
Mitigation In-Hand	373,700	373,700								
Other In-Hand (KC WD#90)	352,541	352,541								
Other In-Hand (Franchise Reiml	50,038	50,038								
Grants Proposed										
Other Proposed										
Undetermined	11,620,000			11,620,000			700,000	3,540,000	4,680,000	2,700,000
TOTAL SOURCES	**15,339,085**	**3,719,085**		**11,620,000**			**700,000**	**3,540,000**	**4,680,000**	**2,700,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Duvall Ave NE - NE 4th St to Sunset Blvd NE

Functional Classification: Minor Arterial
Proj. Length: 0.67 mi
TIP No. 6

Fund: 317
Proj: 122702
CONTACT: Doug Jacobson 425.430.7242

Community Planning Area: Highlands & East Plateau

DESCRIPTION:
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.

JUSTIFICATION:
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.

STATUS:
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. A STP Preservation grant in the amount of $1,237,000 was awarded in 2014 for the overlay of Duvall Ave NE from NE 4th St to NE 10th St.

CHANGES:

Funded : 2,097,000 **Unfunded :** 14,165,000

Project Totals		Programmed Pre-2016		Six Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	20,000			20,000			10,000	10,000		
Preliminary Engineering	1,941,000		241,000	1,700,000			800,000	900,000		
R-O-W (includes Admin)	2,500,000			2,500,000			1,100,000	1,400,000		
Construction	9,892,000			9,892,000	1,392,000				4,000,000	4,500,000
Construction Services	1,909,000			1,909,000	464,000				680,000	765,000
Post Construction Services										
TOTAL EXPENSES	**16,262,000**		**241,000**	**16,021,000**	**1,856,000**		**1,910,000**	**2,310,000**	**4,680,000**	**5,265,000**
SOURCES OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	610,000		99,000	511,000	511,000					
Fund Balance + Held reserve	250,000			250,000	250,000					
Grants In-Hand (STP)	1,237,000		142,000	1,095,000	1,095,000					
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	14,165,000			14,165,000			1,910,000	2,310,000	4,680,000	5,265,000
TOTAL SOURCES	**16,262,000**		**241,000**	**16,021,000**	**1,856,000**		**1,910,000**	**2,310,000**	**4,680,000**	**5,265,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Rainier Ave S/N Phase 4 - S 3rd Street to NW 3rd Pl

Functional Classification: Principal
Proj. Length: 0.51 mi
Proj: 122195
Community Planning Area: City Center
TIP No. 7
CONTACT: Derek Akesson 425.430.7337

DESCRIPTION:
This is Phase 4 of the Rainier Ave Corridor Improvements, and will extend the improvements from S 3rd St to NW 3rd Pl. Project elements include sidewalks widening with streetscaping, adding pedestrian-scale illumination, adding a pedestrian actuated traffic signal, new traffic signals, transit facility improvements, planted buffer strips and landscaped medians.

JUSTIFICATION:
Rainier Ave is a critical corridor in central Renton with existing operational problems and in need of infrastructure enhancements to provide greater ease of non-motorized and transit-based travel. It also provides improved access to the future Aerospace Training Center in Renton. Improvements will enhance traffic flow and reduce accidents.

STATUS:
A STP grant in the amount of $2,600,000 was awarded in 2014 fordesign of Phase 4. Design to begin in 2015.

CHANGES:

Funded :	3,006,000	Unfunded :	18,300,000

Project Totals		Programmed Pre-2016		Six Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	3,006,000		1,200,000	1,806,000	1,806,000					
R-O-W (includes Admin)	3,500,000			3,500,000		2,400,000	1,100,000			
Construction	12,300,000			12,300,000			2,500,000	5,400,000	4,400,000	
Construction Services	2,500,000			2,500,000			500,000	1,100,000	900,000	
Post Construction Services										
TOTAL EXPENSES	**21,306,000**		**1,200,000**	**20,106,000**	**1,806,000**	**2,400,000**	**4,100,000**	**6,500,000**	**5,300,000**	
SOURCES OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	406,000		162,000	244,000	244,000					
Proposed Fund Balance										
Grants In-Hand (STP)	2,600,000		1,038,000	1,562,000	1,562,000					
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	18,300,000			18,300,000		2,400,000	4,100,000	6,500,000	5,300,000	
TOTAL SOURCES	**21,306,000**		**1,200,000**	**20,106,000**	**1,806,000**	**2,400,000**	**4,100,000**	**6,500,000**	**5,300,000**	

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 SIX YEAR TIP

Main Ave S/Downtown Circulation Project

Functional Classification: Principal | **Fund:** 317
Proj. Length: N/A | **Proj:** 122907
Community Planning Area: City Center | **TIP No.** 8 | **CONTACT:** Keith Woolley 425.430.7318

DESCRIPTION:
The project provides traffic operation and circulation improvements and pedestrian enhancement on Main Ave S and Bronson Way S. The improvements include providing a northbound lane in Main Ave S and Bronson Way from S 3rd St to Mill Ave S, reconfigure the intersection of S 2nd St and Main Ave S, including a pedestrian plaza, and adds on-street parking.

JUSTIFICATION:
The project creates an identity entrance to downtown area, while improving circulation, reducing traffic speeds and enhancing pedestrian safety.

STATUS:
A feasibility study on the conversion of the downtown's one way couplets to two-way streets was completed in 2012. The reconfiguration of Main Ave S and Bronson Way S was awarded a $1,024,750 TIB grant in 2014. Future phases to be determined.

CHANGES:
To reduce conflicts with construction of the Heritage Apartments at the SW corner of S 2nd St and Main Ave S, construction has been postponed and completion anticipated for 2016.

Funded : 1,849,338 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	49,090	49,090								
Preliminary Engineering	248,498	498	248,000							
R-O-W (includes Admin)										
Construction	1,545,000		772,500	772,500	772,500					
Construction Services	231,750		115,875	115,875	115,875					
Post Construction Services										
TOTAL EXPENSES	**2,074,338**	**49,588**	**1,136,375**	**888,375**	**888,375**					
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	49,588	49,588								
Prop. Fund Bal.										
Grants In-Hand (TIB)	1,024,750		512,375	512,375	512,375					
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand - Metro Mitig.	500,000		124,000	376,000	376,000					
Other In-Hand - S Renton Reserve	275,000		275,000							
Other - General Fund Transfer	225,000		225,000							
Undetermined										
TOTAL SOURCES	**2,074,338**	**49,588**	**1,136,375**	**888,375**	**888,375**					

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Park Avenue North Extension

Functional Classification: N/A
Proj. Length: 0.23 mi
TIP No. 9
Fund: 317
Proj:
CONTACT: Jim Seitz 425.430.7245

Community Planning Area: City Center

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.

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.

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

CHANGES:
The project is estimated at $10M. Cost beyond 2021 not shown.

Funded :		Unfunded :	3,000,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	2,000,000			2,000,000						2,000,000
R-O-W (includes Admin)	1,000,000			1,000,000						1,000,000
Construction										
Construction Services										
Post Construction Services										
TOTAL EXPENSES	**3,000,000**			**3,000,000**						**3,000,000**
SOURCES OF FUNDS:										
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	3,000,000			3,000,000						3,000,000
TOTAL SOURCES	**3,000,000**			**3,000,000**						**3,000,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

116th Ave SE Improvements

Functional Classification: Minor arterial
Proj. Length: 2.5 mi
TIP No. 10
Fund: 317
Proj: 122117
CONTACT: Bob Hanson 425.430.7223

Community Planning Area: Benson

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:
Benson Hill Community Plan (adopted in 2013) recommended improvementsfor a first phase, based on the neighborhood needs. The priority, cost and schedule for the phased improvements will be determined based on available funding. The corridor improvements is estimated at $33M (plus $14M for right-of-way to meet the City's Complete Street standard).

CHANGES:
Improvements from SE Petrovitsky Rd to SE 168th St will be part of Phase 1. Programmed funding shown (2018-2021) is for Phase 1 only. The project was awarded a $707,000 CMAQ grant for design and construction of the missing link sidewalks from SE Petrovitsky Rd to the Post Office.

Funded : 818,000 **Unfunded :** 9,500,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	1,318,000		118,000	1,200,000			600,000	600,000		
R-O-W (includes Admin)	2,800,000			2,800,000				1,000,000	1,800,000	
Construction	5,282,000			5,282,000	582,000				2,000,000	2,700,000
Construction Services	918,000			918,000	118,000				340,000	460,000
Post Construction Services										
TOTAL EXPENSES	**10,318,000**		**118,000**	**10,200,000**	**700,000**		**600,000**	**1,600,000**	**4,140,000**	**3,160,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	111,000		16,000	95,000	95,000					
Proposed Fund Balance										
Grants In-Hand (CMAQ)	707,000		102,000	605,000	605,000					
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	9,500,000			9,500,000			600,000	1,600,000	4,140,000	3,160,000
TOTAL SOURCES	**10,318,000**		**118,000**	**10,200,000**	**700,000**		**600,000**	**1,600,000**	**4,140,000**	**3,160,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Carr Road Improvements

Functional Classification: Major Arterial
Proj. Length:
TIP No. 11

Fund: 317
Proj: 122920
CONTACT: Juliana Fries 425.430.7232

Community Planning Area: Talbot & Benson

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 $80M.

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 2016 is for completion of Phase 1. Funding shown in 2018 is for finalizing scope, cost and schedule for futures phases.

Funded : 3,265,787 **Unfunded :** 200,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	200,000			200,000			200,000			
Preliminary Engineering	395,787	65,787	80,000	250,000	250,000					
R-O-W (includes Admin)	755,000		5,000	750,000	750,000					
Construction	1,720,000		720,000	1,000,000	1,000,000					
Construction Services	395,000		145,000	250,000	250,000					
Post Construction Services										
TOTAL EXPENSES	**3,465,787**	**65,787**	**950,000**	**2,450,000**	**2,250,000**		**200,000**			
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance	4,787			4,787	4,787					
Grants In-Hand (Federal Safety)	3,241,000	65,787	930,000	2,245,213	2,245,213					
Grants In-Hand (2)										
Mitigation In-Hand	30,000		30,000							
WSDOT State (deducted from grant above	-10,000		-10,000							
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	200,000			200,000			200,000			
TOTAL SOURCES	**3,465,787**	**65,787**	**950,000**	**2,450,000**	**2,250,000**		**200,000**			

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

NE Sunset Boulevard (SR 900) Corridor Improvements

Functional Classification: Principal
Proj. Length: 3.0 mi
TIP No. 12
Fund: 317
Proj: 122902
Community Planning Area: City Center, Highlands & East Plateau
CONTACT: Keith Woolley 425.430.7318

DESCRIPTION:
This project will seek to address pedestrian, transit and bicycle needs. This corridor needs a series of key improvements in this corridor to improve traffic operations such as channelization, traffic signal modifications, signal treatments, possible queue jumps, access management through installation of medians. The corridor limits are from I-405 on the west to the east City limits.

STATUS:
The Sunset Area Planned Action EIS prepared in 2011 delineated transportation needs along Sunset Blvd from N Park Dr to Monroe Ave NE (cost estimated at $30M). The project has received a STP/CMAQ grant in the amount of $1,313,935 for design. The project has been phased. Phase 1 is from Harrington Ave NE to NE 12th St.

JUSTIFICATION:
This corridor has strong potential for non-motorized and transit usage. The Sunset area is experiencing residential and retail growth.

CHANGES:
30% Design of the corridor improvements is underway.

							Funded :	**2,600,191**	**Unfunded :**	**27,600,000**
Project Totals		**Programmed Pre-2016**		**Six Year Program**						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	200,000	200,000								
Preliminary Engineering	4,000,191	2,191	1,198,000	2,800,000	1,200,000			1,000,000	600,000	
R-O-W (includes Admin)	4,000,000			4,000,000		1,000,000	1,000,000	1,000,000	1,000,000	
Construction	19,000,000			19,000,000				5,000,000	7,000,000	7,000,000
Construction Services	3,000,000			3,000,000				800,000	1,100,000	1,100,000
Post Construction Services										
TOTAL EXPENSES	**30,200,191**	**202,191**	**1,198,000**	**28,800,000**	**1,200,000**	**1,000,000**	**1,000,000**	**7,800,000**	**9,700,000**	**8,100,000**
SOURCES OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	182,224	1,062	181,162							
Fund Balance+REET+ Held reserv	914,032		366,000	548,032	548,032					
Grants In-Hand (STP/CMAQ)	1,313,935	1,129	655,839	656,968	656,968					
Grants In-Hand (2)										
Mitigation In-Hand										
WSDOT State (deducted from grar	-10,000		-5,000	-5,000	-5,000					
Other In-Hand (CED)	200,000	200,000								
Other In-Hand - Held in reserve										
Grants Proposed (STP)										
Undetermined	27,600,000			27,600,000		1,000,000	1,000,000	7,800,000	9,700,000	8,100,000
TOTAL SOURCES	**30,200,191**	**202,191**	**1,198,000**	**28,800,000**	**1,200,000**	**1,000,000**	**1,000,000**	**7,800,000**	**9,700,000**	**8,100,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Sunset Area Green Connections

Functional Classification: N/A
Proj. Length: N/A
TIP No. 13

Fund: 317
Proj:

Community Planning Area: Highlands

CONTACT: Jim Seitz 425.430.7245

DESCRIPTION:
This project will construct multi-modal improvements identified in the Sunset Area Community Planned Action Study. Roadways will be widened/extended/realigned to provide for future traffic flows. Several residential streets will be developed as "green connections" improving pedestrian mobility and enhance the neighborhood. Roadways included are NE 10th St, NE Sunset Lane, Harrington Ave NE, NE 12th St, Edmonds Ave NE, Jefferson Ave NE, Kirkland Ave NE and Glennwood Ave NE.

JUSTIFICATION:
Improvements to these streets are key to support the redevelopment of the Sunset Area Community in the Highlands area, bounded by NE 21st St on the north, Edmonds Ave NE on the west, NE 7th St on the south, and Monroe Ave NE on the east. The City in partnership with the Renton Housing Authority aspires to redevelop the Sunset Terrace public housing community and encourage private redelopment in the Planned Action Study area over a 20-year period.

STATUS:
The total cost of project is estimated at $22.2M. Schedule, estimates and selection of streets to be improved to be determined. Significant cost participation will be required from development interests.

CHANGES:
Surface Water is leading a first phase for this project.

							Funded :		**Unfunded :**	**22,200,000**
Project Totals		**Programmed Pre-2016**		**Six Year Program**						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	2,600,000			2,600,000				2,600,000		
R-O-W (includes Admin)	1,000,000			1,000,000				1,000,000		
Construction	16,000,000			16,000,000					9,200,000	6,800,000
Construction Services	2,600,000			2,600,000					1,500,000	1,100,000
Post Construction Services										
TOTAL EXPENSES	**22,200,000**			**22,200,000**				**3,600,000**	**10,700,000**	**7,900,000**
SOURCES OF FUNDS:										
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	22,200,000			22,200,000				3,600,000	10,700,000	7,900,000
TOTAL SOURCES	**22,200,000**			**22,200,000**				**3,600,000**	**10,700,000**	**7,900,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Oakesdale Ave SW/Monster Road SW/68th Ave S to SR 900

Functional Classification:
Proj. Length: 0.92 mi
Fund: 317
Proj:
Community Planning Area: West Hill
TIP No. 14
CONTACT: Bob Mahn 425.430.7322

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 $32M, with the City's share estimated at $13M and King Co. at $19M. City's share is programmed in future years. Phase 1 of improvements will address drainage problems between the Monster Rd Bridge and the City limits.

CHANGES:
Cost beyond 2021 not shown.

Funded : **Unfunded :** **8,050,000**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	50,000			50,000					50,000	
Preliminary Engineering	5,000,000			5,000,000						5,000,000
R-O-W (includes Admin)	3,000,000			3,000,000						3,000,000
Construction										
Construction Services										
Post Construction Services										
TOTAL EXPENSES	**8,050,000**			**8,050,000**					**50,000**	**8,000,000**
SOURCE OF FUNDS:										
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	8,050,000			8,050,000					50,000	8,000,000
TOTAL SOURCES	**8,050,000**			**8,050,000**					**50,000**	**8,000,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

South 7th Street - Rainier Ave S to Talbot Road South

Functional Classification:
Proj. Length: 0.38 mi
TIP No. 15
Fund: 317
Proj: 122151
Community Planning Area: City Center
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. Includes new curb, gutter, wider sidewalks, streetlighting, landscaping, channelization and upgrades to traffic signals. Phase 1 is the construction of a new eastbound right-turn lane at the intersection of S 7th St and Shattuck Ave S and a traffic signal at this location.

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.

STATUS:
The S 7th St Project - Traffic Analysis Report provided alternatives for corridor improvement options. The planning level cost estimate is $10M. Phase 1 is underway. Funding for Phase 1 is provided through a $500,000 STP grant and a $585,230 TIB grant.

CHANGES:
Construction of the traffic signal at S 7th St and Shattuck Ave S to be completed in 2016. All future phases of the corridor improvements are unfunded.

Funded : 1,368,043 **Unfunded :** 8,700,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	32,270	32,270								
Preliminary Engineering	1,490,726	207,966	82,760	1,200,000			200,000	700,000	300,000	
R-O-W (includes Admin)	1,730,007	8,807	21,200	1,700,000				700,000	1,000,000	
Construction	5,814,000		732,600	5,081,400	81,400					5,000,000
Construction Services	1,001,040		180,940	820,100	20,100					800,000
Post Construction Services										
TOTAL EXPENSES	**10,068,043**	**249,043**	**1,017,500**	**8,801,500**	**101,500**		**200,000**	**1,400,000**	**1,300,000**	**5,800,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	69,682	28,267	41,415							
Proposed Fund Balance+Reserve	264,361	32,270	215,640	16,451	16,451					
Grants In-Hand (STP)	500,000	62,751	393,524	43,725	43,725					
Grants In-Hand (TIB)	485,000	71,755	371,921	41,325	41,325					
Mitigation In-Hand	54,000	54,000								
WSDOT State (deducted from grar	-5,000		-5,000							
Other (proposed KC Metro)										
Other In-Hand (1)										
Undetermined	8,700,000			8,700,000			200,000	1,400,000	1,300,000	5,800,000
TOTAL SOURCES	**10,068,043**	**249,043**	**1,017,500**	**8,801,500**	**101,500**		**200,000**	**1,400,000**	**1,300,000**	**5,800,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

S Grady Way - Talbot Rd S to Rainier Ave S

Functional Classification:
Proj. Length: N/A
TIP No. 16
Fund: 317
Proj:
CONTACT: Jim Seitz 425.430.7245

Community Planning Area: City Center

DESCRIPTION:
This project will perform a comprehensive analysis of multi-modal transportation improvements, including review of potential transit improvements along Grady Way, such as BAT lanes and traffic signal priority (TSP).

JUSTIFICATION:
Removal of the obstructions and reconfiguration of the right turn lanes to eastbound through lanes will add much needed capacity to the S Grady Way corridor.

STATUS:
The project will remove the islands at the intersections of S Grady Way with Lake Ave S and Shattuck Ave S, to allow for a continuous eastbound lane from Rainier Ave S to Talbot Rd S. Included are modifications to the traffic signal, new pedestrian crossings and channelization. The project is unfunded.

CHANGES:

Funded : | **Unfunded :** 3,275,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	500,000			500,000			500,000			
R-O-W (includes Admin)										
Construction	2,400,000			2,400,000				1,100,000	1,300,000	
Construction Services	375,000			375,000				175,000	200,000	
Post Construction Services										
TOTAL EXPENSES	**3,275,000**			**3,275,000**			**500,000**	**1,275,000**	**1,500,000**	
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (1)										
Mitigation In-Hand										
Other (proposed KC Metro)										
Other In-Hand (1)										
Undetermined	3,275,000			3,275,000			500,000	1,275,000	1,500,000	
TOTAL SOURCES	**3,275,000**			**3,275,000**			**500,000**	**1,275,000**	**1,500,000**	

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 SIX YEAR TIP

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

Functional Classification: N/A
Proj. Length: N/A
Fund: 317
Proj:
Community Planning Area: City Center
TIP No. 17
CONTACT: Bob Mahn 425.430.7322

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.

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.

STATUS:
A conceptual layout of the two-way approach to the intersection of Houser Way and Lake WA Blvd has been completed. This project will coordinate with the Southport Development improvements to the Southport entrance at the Lake WA Blvd/Coulon Park intersection.

CHANGES:

Funded : 61,000 **Unfunded :** 4,114,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	650,000			650,000		650,000				
R-O-W (includes Admin)	165,000			165,000		165,000				
Construction	2,900,000			2,900,000			1,150,000	1,750,000		
Construction Services	460,000			460,000			180,000	280,000		
Post Construction Services										
TOTAL EXPENSES	**4,175,000**			**4,175,000**		**815,000**	**1,330,000**	**2,030,000**		
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	61,000			61,000			16,000	45,000		
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	4,114,000			4,114,000		815,000	1,314,000	1,985,000		
TOTAL SOURCES	**4,175,000**			**4,175,000**		**815,000**	**1,330,000**	**2,030,000**		

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Lake Washington Loop Trail

Functional Classification: varies
Proj. Length:
TIP No. 18
Fund: 317
Proj: 122802
CONTACT: James Wilhoit 425.430.7319

Community Planning Area: City Center

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:
Cost estimate was updated to include right-of-way and retaining walls along Rainier Ave N. A TPA grant in the amount of $346,000 was awarded in 2013. A STP/CMAQ Non-motorized grant for right-of-way acquisition (2016) in the amount of $575,000 was awarded, with a required match of $95,000.

CHANGES:
This project is phased. Phase 3 is from Logan Ave N/Cedar River to Rainier Ave N. Estimate for Ph 3 is $6.5M. Phase 4 is from Airport Way/Rainier Ave N intersection to north City limits, and is estimated at $8.5M. A grant in the amount of $426,000 from the Ped and Bike Program is pending legislators approval.

Funded : 1,581,254 **Unfunded :** 13,460,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	2,311,254	254	485,000	1,826,000	426,000			1,400,000		
R-O-W (includes Admin)	670,000			670,000	670,000					
Construction	9,650,000			9,650,000		3,000,000	1,000,000		3,000,000	2,650,000
Construction Services	2,410,000			2,410,000		750,000	250,000		750,000	660,000
Developer Reimbursement										
TOTAL EXPENSES	**15,041,254**	**254**	**485,000**	**14,556,000**	**1,096,000**	**3,750,000**	**1,250,000**	**1,400,000**	**3,750,000**	**3,310,000**
SOURCES OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	122,000		122,000							
Fund Balance + Held reserve	27,254	34	27,220							
Grants In-Hand (TAP+STP)	921,000	220	345,780	575,000	575,000					
Grants In-Hand (Ped/Bike Prograr	426,000			426,000	426,000					
Mitigation In-Hand										
WSDOT State (deducted from grar	-10,000		-10,000							
Other In-Hand - Airport Fund Trans	95,000			95,000	95,000					
Other In-Hand -										
Undetermined	13,460,000			13,460,000		3,750,000	1,250,000	1,400,000	3,750,000	3,310,000
TOTAL SOURCES	**15,041,254**	**254**	**485,000**	**14,556,000**	**1,096,000**	**3,750,000**	**1,250,000**	**1,400,000**	**3,750,000**	**3,310,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Lake to Sound (L2S) Trail

Functional Classification: N/A
Proj. Length: N/A
TIP No. 19
Fund: 317
Proj: 122903
Community Planning Area: City Center & Valley
CONTACT: Jim Seitz 425.430.7245

DESCRIPTION:
The Lake to Sound (L2S) Trail is a joint partnership between the cities of Renton, SeaTac, Tukwila, Burien and Des Moines, in coordination with King County. The 17-mile L2S Trail will provide an east-west connection between the shoreline of Lake Washington (Renton) and the shoreline of Puget Sound (Des Moines).

JUSTIFICATION:
Phase A will connect Fort Dent (Tukwila) to the larger system of regional trails in South King County, including the Green River Trail, the Interurban Trail and the Cedar River Trail. Phase A goes from Naches Ave SW (Renton) to Fort Dent Park (Tukwila). Phase A will provide a 12-foot wide asphalt paved multi-use trail, with 2-foot gravel shoulders.

STATUS:
This project received a CMAQ grant in the amount of $800,125 for design of Phases: A - Naches Ave SW (Renton) to Fort Dent Park (Tukwila), and B - Des Moines Memorial Drive S (SeaTac and Burien). A CMAQ grant for construction of Phase A, in the amount of $950,000 was awarded in 2014. No City match is required. King County is leading the design.

CHANGES:
Design of the Fort Dent Park Connection is 80% complete. Completion of design for Phase A is anticipated in the Summer of 2015. Construction of Phase A estimated at $2.8M. Construction will begin in Spring of 2016.

Funded : 3,710,000 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	800,000	800,000								
R-O-W (includes Admin)	110,000	110,000								
Construction	2,240,000			2,240,000		1,000,000	1,240,000			
Construction Services	560,000			560,000		250,000	310,000			
Post Construction Services										
TOTAL EXPENSES	**3,710,000**	**910,000**		**2,800,000**		**1,250,000**	**1,550,000**			
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other (KC + CMAQ grant)	3,710,000	910,000		2,800,000		1,250,000	1,550,000			
Other In-Hand										
Undetermined										
TOTAL SOURCES	**3,710,000**	**910,000**		**2,800,000**		**1,250,000**	**1,550,000**			

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Walkway Program

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

Fund: 317
Proj: 120009
CONTACT: James Wilhoit 425.430.7319

Community Planning Area: Citywide

DESCRIPTION:
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.

STATUS:
The Comprehensive Citywide Walkway Study was completed in 2009 and is being used to select projects that move into the design and construction phases.

JUSTIFICATION:
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.

CHANGES:
Partial funding from 2015 and 2016 has been tranfered from this program to the 116th Ave SE (TIP # 9) sidewalk project to match a federal grant.

Funded : 924,000 **Unfunded :** 550,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	25,000			25,000		5,000	5,000	5,000	5,000	5,000
Preliminary Engineering	165,000		20,000	145,000	20,000	25,000	25,000	25,000	25,000	25,000
R-O-W (includes Admin)										
Construction	1,150,000		90,000	1,060,000	60,000	200,000	200,000	200,000	200,000	200,000
Construction Services	134,000		14,000	120,000	20,000	20,000	20,000	20,000	20,000	20,000
Post Construction Services										
TOTAL EXPENSES	**1,474,000**		**124,000**	**1,350,000**	**100,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	924,000		124,000	800,000	100,000	140,000	140,000	140,000	140,000	140,000
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation (sidewalk fee-in-lieu)										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined	550,000			550,000		110,000	110,000	110,000	110,000	110,000
TOTAL SOURCES	**1,474,000**		**124,000**	**1,350,000**	**100,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Sidewalk Rehabilitation and Replacement Program

Functional Classification: N/A
Proj. Length: N/A
TIP No. 21

Fund: 317
Proj: 122801
CONTACT: Bill Wressel 425.430.2280

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 2015 program will continue work in the Maplewood Glen Neighborhood and will start work in the Highlands (Sunset Area) in partnership with Community and Economic Development and Community Service Departments.

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. Ideally $250K would be allocated for this program.

Funded : 1,038,000 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	10,000		5,000	5,000	5,000					
R-O-W (includes Admin)										
Construction	990,000		340,000	650,000	90,000	100,000	100,000	130,000	130,000	100,000
Construction Services	38,000		33,000	5,000	5,000					
Post Construction Services										
TOTAL EXPENSES	**1,038,000**		**378,000**	**660,000**	**100,000**	**100,000**	**100,000**	**130,000**	**130,000**	**100,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	760,000		100,000	660,000	100,000	100,000	100,000	130,000	130,000	100,000
Proposed Fund Balance	278,000		278,000							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	**1,038,000**		**378,000**	**660,000**	**100,000**	**100,000**	**100,000**	**130,000**	**130,000**	**100,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Maple Valley Highway Attenuator

Functional Classification: Princiapl Arterial
Proj. Length: N/A
TIP No. 22

Fund: 317
Proj:
CONTACT: James Wilhoit 425.430.7319

Community Planning Area: 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). Final design and construction pending funding availability.

CHANGES:

Funded : | **Unfunded :** 1,180,200

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	156,000			156,000		156,000				
R-O-W (includes Admin)	85,000			85,000		25,000	60,000			
Construction	782,700			782,700			782,700			
Construction Services	156,500			156,500			156,500			
Post Construction Services										
TOTAL EXPENSES	**1,180,200**			**1,180,200**		**181,000**	**999,200**			
SOURCE OF FUNDS:										
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	1,180,200			1,180,200		181,000	999,200			
TOTAL SOURCES	**1,180,200**			**1,180,200**		**181,000**	**999,200**			

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

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. A few bridges have annual inspections.

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 :	427,282	Unfunded :	350,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	207,282	47,282	100,000	60,000	10,000	10,000	10,000	10,000	10,000	10,000
R-O-W (includes Admin)										
Construction	315,000		40,000	275,000		55,000	55,000	55,000	55,000	55,000
Construction Services										
Post Construction Services/Othe	215,000		20,000	195,000	20,000	35,000	35,000	35,000	35,000	35,000
TOTAL EXPENSES	**737,282**	**47,282**	**160,000**	**530,000**	**30,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	205,000		25,000	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Proposed Fund Balance	222,282	47,282	175,000							
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
TOTAL SOURCES	**777,282**	**47,282**	**200,000**	**530,000**	**30,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Roadway Safety and Guardrail Program

Functional Classification: N/A
Proj. Length: N/A
TIP No. 24

Fund: 317
Proj: 120110
CONTACT: Derek Akesson 425.430.7337

Community Planning Area: Citywide

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

STATUS:

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

CHANGES:

Funded : 132,632 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	23,632	2,632	3,000	18,000	3,000	3,000	3,000	3,000	3,000	3,000
R-O-W (includes Admin)										
Construction	95,000		10,000	85,000	10,000	10,000	10,000	15,000	20,000	20,000
Construction Services	14,000		2,000	12,000	2,000	2,000	2,000	2,000	2,000	2,000
Post Construction Services/Othe										
TOTAL EXPENSES	**132,632**	**2,632**	**15,000**	**115,000**	**15,000**	**15,000**	**15,000**	**20,000**	**25,000**	**25,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	130,000		15,000	115,000	15,000	15,000	15,000	20,000	25,000	25,000
Proposed Fund Balance	2,632	2,632								
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand										
Other In-Hand										
Grants Proposed										
Other Proposed										
Undetermined										
TOTAL SOURCES	**132,632**	**2,632**	**15,000**	**115,000**	**15,000**	**15,000**	**15,000**	**20,000**	**25,000**	**25,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Intersection Safety & Mobility Program

Functional Classification: N/A
Proj. Length: N/A
Fund: 317
Proj: 122601
Community Planning Area: N/A
TIP No. 25
CONTACT: 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, 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 Transportation Systems' Traffic Signal Priority List is determined by citizen concerns, intersection safety, mobility needs, and intersections that meet MUTCD traffic signal warrants. Traffic signals high on the warrant priority list include SW 41st St & Oakesdale Ave SW, SE Carr Road & 103rd Ave SE, and SW 34th St & Lind Ave SW.

CHANGES:
$180,000 of the 2015 budget was reallocated for match to grants awarded in 2014. A traffic signal at 156th Ave SE and SE 142nd Pl will be installed, as an interum solution, and will be funded via transportation general fund.

Funded : 1,643,855 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	289,376	3,376	22,000	264,000	44,000	44,000	44,000	44,000	44,000	44,000
R-O-W (includes Admin)	22,705	22,705								
Construction	1,166,775	47,775	39,000	1,080,000	180,000	180,000	180,000	180,000	180,000	180,000
Construction Services	165,000		9,000	156,000	26,000	26,000	26,000	26,000	26,000	26,000
Post Construction Services										
TOTAL EXPENSES	**1,643,855**	**73,855**	**70,000**	**1,500,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	1,643,855	73,855	70,000	1,500,000	250,000	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										
TOTAL SOURCES	**1,643,855**	**73,855**	**70,000**	**1,500,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Traffic Safety Program

Functional Classification: N/A
Proj. Length: N/A
TIP No. 26

Fund: 317
Proj: 122115
CONTACT: Eric Cutshall 425.430.7423

Community Planning Area: Citywide

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:
This program installs traffic signal uninterruptable power supply/battery backup systems (UPS/BBS) at critical intersections, pending sufficient funding. Also included in this program 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. Completion of these improvements anticipated for summer 2015.

CHANGES:

Funded : 774,893 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	67,863	38,863	5,000	24,000	4,000	4,000	4,000	4,000	4,000	4,000
R-O-W (includes Admin)										
Construction	622,505	80,505	319,000	223,000	33,000	38,000	38,000	38,000	38,000	38,000
Construction Services	84,525	18,525	48,000	18,000	3,000	3,000	3,000	3,000	3,000	3,000
Post Construction Services										
TOTAL EXPENSES	**774,893**	**137,893**	**372,000**	**265,000**	**40,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	320,000	40,000	40,000	240,000	40,000	40,000	40,000	40,000	40,000	40,000
Proposed Fund Balance	110,766	38,766	72,000							
Grants In-Hand (WSDOT/Safety)	300,000	30,000	270,000							
Grants In-Hand (WTSC)	29,127	29,127								
Mitigation In-Hand (fee-in-lieu)	25,000			25,000		5,000	5,000	5,000	5,000	5,000
WSDOT State (deducted from grar	-10,000		-10,000							
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	**774,893**	**137,893**	**372,000**	**265,000**	**40,000**	**45,000**	**45,000**	**45,000**	**45,000**	**45,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Preservation of Traffic Operation Devices Program

Functional Classification: N/A
Proj. Length: N/A
Fund: 317
Proj: 122904
Community Planning Area: Citywide
TIP No. 27
CONTACT: Eric Cutshall 425.430.7423

DESCRIPTION:
Replace failed or failing traffic signal vehicle detection loops and video detection. This program also provides for the replacement and/or relocation of signs that are obsolete, faded, poorly located or no longer appropriate, and replacement of damaged luminaire and signal poles. These poles have been damaged in unknown incidents where reimbursement through normal channels is impossible.

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 deterioriation 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, video detection camera, traffic signs, traffic signal, street lighting poles and pavement markings is dependent upon yearly inspections.

CHANGES:

Funded : 502,218 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent In 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering										
R-O-W (includes Admin)										
Construction	502,218	68,218	62,000	372,000	62,000	62,000	62,000	62,000	62,000	62,000
Construction Services										
Post Construction Services										
TOTAL EXPENSES	**502,218**	**68,218**	**62,000**	**372,000**	**62,000**	**62,000**	**62,000**	**62,000**	**62,000**	**62,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	502,218	68,218	62,000	372,000	62,000	62,000	62,000	62,000	62,000	62,000
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	**502,218**	**68,218**	**62,000**	**372,000**	**62,000**	**62,000**	**62,000**	**62,000**	**62,000**	**62,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Intelligent Transportation Systems (ITS) Program

Functional Classification: N/A
Proj. Length: N/A
Fund: 317
Proj: 122162
Community Planning Area: N/A
TIP No. 28
CONTACT: Chris Barnes 425.430.7220

DESCRIPTION:
Provides for improvements to the operational efficiency of the roadway system, including development and implementation of signal coordination programs, signing and channelization improvements, surveillance control and driver information system (SC & DI), transit signal priority, Intelligent Traffic Systems (ITS) Master Plan and signal improvements such as protective/permissive phasing.

JUSTIFICATION:
Improving the capacity and efficiency of the existing roadway system is a very cost effective element of the transportation program.

STATUS:
Upgrading of all signal controllers to be compatible with the new central system has been completed. This program is updating fiber communications.

CHANGES:

Funded : 266,005 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
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	196,005	56,005	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/Othe										
TOTAL EXPENSES	**266,005**	**56,005**	**30,000**	**180,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	240,000	30,000	30,000	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Proposed Fund Balance	26,005	26,005								
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	**266,005**	**56,005**	**30,000**	**180,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Barrier-Free Transition Plan Implementation

Functional Classification: N/A
Proj. Length: N/A
Fund: 317
Proj: 122705
Community Planning Area: Citywide
TIP No. 29
CONTACT: Dan Hasty 425.430.7217

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 programatic 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*. The ADA Transition Plan is underway and anticipated to be approved in the Spring of 2015.

CHANGES:

Funded : 236,000 **Unfunded :**

Project Totals		Programmed Pre-2016		Six Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	33,000		5,000	28,000	5,000	5,000	3,000	5,000	5,000	5,000
Preliminary Engineering										
R-O-W (includes Admin)										
Construction	183,000		22,000	161,000	22,000	22,000	20,000	32,000	32,000	33,000
Construction Services	20,000		3,000	17,000	3,000	3,000	2,000	3,000	3,000	3,000
Post Construction Services										
TOTAL EXPENSES	**236,000**		**30,000**	**206,000**	**30,000**	**30,000**	**25,000**	**40,000**	**40,000**	**41,000**
SOURCES OF FUNDS:										
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										
Grants In-Hand (1)										
Grants In-Hand (1)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	**236,000**		**30,000**	**206,000**	**30,000**	**30,000**	**25,000**	**40,000**	**40,000**	**41,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Project Development & Pre-Design Program

Functional Classification: N/A
Proj. Length: N/A
Fund: 317
Proj: 122150
Community Planning Area: N/A
TIP No. 30
CONTACT: 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.

Funded : 918,753 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	713,753	63,753	120,000	530,000	85,000	85,000	85,000	90,000	90,000	95,000
Preliminary Engineering	205,000		25,000	180,000	30,000	30,000	30,000	30,000	30,000	30,000
R-O-W (includes Admin)										
Construction										
Construction Services										
Post Construction Services										
TOTAL EXPENSES	**918,753**	**63,753**	**145,000**	**710,000**	**115,000**	**115,000**	**115,000**	**120,000**	**120,000**	**125,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	883,753	63,753	110,000	710,000	115,000	115,000	115,000	120,000	120,000	125,000
Proposed Fund Balance	35,000		35,000							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	**918,753**	**63,753**	**145,000**	**710,000**	**115,000**	**115,000**	**115,000**	**120,000**	**120,000**	**125,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Arterial Circulation Program

Functional Classification: N/A
Proj. Length: N/A
Fund: 317
Proj: 120029
Community Planning Area: N/A
TIP No. 31
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 proposed transportation improvements projects, to assess the impacts of new development proposals, and to recommend local and regional transportation system improvements for all modes of travel. Funding for hardware, software and employee hours required to operate the computer model is also included under this program.

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.

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*.

CHANGES:

Funded : 1,169,040 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent In 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	1,169,040	124,040	160,000	885,000	145,000	145,000	145,000	150,000	150,000	150,000
Preliminary Engineering										
R-O-W (includes Admin)										
Construction										
Construction Services										
Post Construction Services										
TOTAL EXPENSES	**1,169,040**	**124,040**	**160,000**	**885,000**	**145,000**	**145,000**	**145,000**	**150,000**	**150,000**	**150,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	1,139,040	124,040	130,000	885,000	145,000	145,000	145,000	150,000	150,000	150,000
Proposed Fund Balance	30,000		30,000							
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	**1,169,040**	**124,040**	**160,000**	**885,000**	**145,000**	**145,000**	**145,000**	**150,000**	**150,000**	**150,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

1% for the Arts Program

Functional Classification: N/A
Proj. Length: N/A
TIP No. 32

Fund: 317
Proj: 122112
CONTACT: Juliana Fries 425.430.7232

Community Planning Area: N/A

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. $11,151 was transferred in 2013 for 2012 capital expenditures. $10,454 was transferred in 2014 for 2013 capital expenditures.

CHANGES:

Funded : 115,454 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent in 2014**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	115,454	10,454	15,000	90,000	15,000	15,000	15,000	15,000	15,000	15,000
Preliminary Engineering										
R-O-W (includes Admin)										
Construction										
Construction Services										
Post Construction Services										
TOTAL EXPENSES	**115,454**	**10,454**	**15,000**	**90,000**	**15,000**	**15,000**	**15,000**	**15,000**	**15,000**	**15,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	115,454	10,454	15,000	90,000	15,000	15,000	15,000	15,000	15,000	15,000
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (1)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	**115,454**	**10,454**	**15,000**	**90,000**	**15,000**	**15,000**	**15,000**	**15,000**	**15,000**	**15,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

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

Functional Classification: Collector
Proj. Length: N/A
Fund: 317
Proj: 122121
Community Planning Area: City Center
TIP No. 33
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 :	2,458,143	Unfunded :	

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	14,899	14,899								
Preliminary Engineering	28,460	28,460								
R-O-W (includes Admin)										
Construction	1,993,821	373,821	20,000	1,600,000		800,000	800,000			
Construction Services	405,029	5,029		400,000		200,000	200,000			
Post Construction Services	15,934	15,934								
TOTAL EXPENSES	**2,458,143**	**438,143**	**20,000**	**2,000,000**		**1,000,000**	**1,000,000**			
SOURCE OF FUNDS:										
Vehicle Fuel Tax	3,000	3,000								
Business License Fee	2,734	2,734								
Proposed Fund Balance	8,828	8,828								
Grants In-Hand (1)	149,501	149,501								
Grants In-Hand (2)										
Mitigation In-Hand	258,353	258,353								
Other (Developer Expenditure)	2,000,000			2,000,000		1,000,000	1,000,000			
Other (Developer Reimb)	35,727	15,727	20,000							
Undetermined										
TOTAL SOURCES	**2,458,143**	**438,143**	**20,000**	**2,000,000**		**1,000,000**	**1,000,000**			

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Lind Ave SW - SW 16th St to SW 43rd St

Functional Classification: Minor Arterial
Proj. Length: 1.69 miles
TIP No. 34

Fund: 317
Proj: 120024
CONTACT: Bob Mahn 425.430.7322

Community Planning Area: Valley

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

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

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).

CHANGES:

Funded : | **Unfunded :** 4,400,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	650,000			650,000				400,000	250,000	
R-O-W (includes Admin)										
Construction	3,200,000			3,200,000					1,200,000	2,000,000
Construction Services	550,000			550,000					200,000	350,000
Post Construction Services										
TOTAL EXPENSES	**4,400,000**			**4,400,000**				**400,000**	**1,650,000**	**2,350,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business 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	4,400,000			4,400,000				400,000	1,650,000	2,350,000
TOTAL SOURCES	**4,400,000**			**4,400,000**				**400,000**	**1,650,000**	**2,350,000**

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Sunset Lane/NE 10th St Roadway Improvements

Functional Classification: N/A
Proj. Length:
TIP No. 35

Fund: 317
Proj: 122122
CONTACT: Keith Woolley 425.430.7318

Community Planning Area: Highlands

DESCRIPTION:
This project will reconstruct Sunset Lane to accomodate a 2 lane roadway with on-street parallel and angle parking. The project will also extend NE 10th St (Harrington Ave NE to Glenwood Ave NE). Includes roadway pavement, curbs, sidewalks, landscape buffer, ADA improvements, drainage, lighting, signing and channelization.

JUSTIFICATION:
The improvements are key to support the redevelopment of the Sunset Area Community in the Highlands area. The City is in partnership with the Renton Housing Authority to redevelop the Sunset Terrace public housing community. The goal is to encourage private development and support the new public library and the Sunset Neighborhood Park as proposed in the Planned Action Study area.

STATUS:
This project was one of the multi-modal improvements identified in the Sunset Area Green Connection (TIP #13). This project was separated from the Sunset Area Green Connection as funding for 30% design has been indetified. Funding for final design and construction of the project is undetermined.

CHANGES:

Funded :	800,000	Unfunded :	3,965,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	800,000		400,000	400,000	400,000					
R-O-W (includes Admin)										
Construction	3,165,000			3,165,000		3,165,000				
Construction Services	800,000			800,000		800,000				
Post Construction Services										
TOTAL EXPENSES	**4,765,000**		**400,000**	**4,365,000**	**400,000**	**3,965,000**				
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (1)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (General Fund trans	800,000		400,000	400,000	400,000					
Other In-Hand (2)										
Undetermined	3,965,000			3,965,000		3,965,000				
TOTAL SOURCES	**4,765,000**		**400,000**	**4,365,000**	**400,000**	**3,965,000**				

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

NE 31st St Bridge Replacement

Functional Classification: N/A
Proj. Length:
TIP No. 36

Fund: 317
Proj: 122605
CONTACT: Derek Akesson 425.430.7337

Community Planning Area: Kennydale

DESCRIPTION:
The NE 31st Street Bridge (aka May Creek Bridge) was built by King County in 1950. The area was annexed into the City in 1960. This project will replace the existing substandard bridge. The sufficiency rating of the existing structure is 27 SD. Per WSDOT standards, bridges with sufficiency rating below 40 SD are recommended replacement.

JUSTIFICATION:
The NE 31st St serves as the only public access to several homes. The existing bridge is built on timber piles. Two of the piles have been red tagged due to advance rot near the groundline. Temporary shoring has been installed at the central pier to support the load capacity of the bridge (without the temporary supports the bridge may require closure). However the temporary supports are not scour resistant (with high creek flows they could wash out).

STATUS:
A grant in the amount of $1,222,095 from the 2014 Bridge Federal Funding was awarded for this project in 2014. A 20% match is required for preliminary engineering and right-of-way. Projects that obtain construction authorization by September 2018 are eligible for a lower local match of 13.5% for the construction phase (otherwise, the local match is 20% for the construction phase).

CHANGES:
New project.

Funded : 1,436,900 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	280,000		252,000	28,000	28,000					
R-O-W (includes Admin)	40,000		36,000	4,000	4,000					
Construction	915,000			915,000	823,500	91,500				
Construction Services	201,900			201,900	181,800	20,100				
Post Construction Services										
TOTAL EXPENSES	**1,436,900**		**288,000**	**1,148,900**	**1,037,300**	**111,600**				
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	72,690		57,600	15,090		15,090				
Proposed Fund Balance	142,115			142,115	142,115					
Grants In-Hand (Bridge)	1,222,095		230,400	991,695	895,185	96,510				
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (City Funds)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	**1,436,900**		**288,000**	**1,148,900**	**1,037,300**	**111,600**				

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

N 27th Pl Culvert Scour Repair

Functional Classification: N/A
Proj. Length:
TIP No. 37

Fund: 317
Proj: 122607
CONTACT: Derek Akesson 425.430.7337

Community Planning Area: Kennydale

DESCRIPTION:
As part of the Clover Creek development, a new street was constructed over Kennydale Creek. This project will provide scour mitigation for the N 27th Pl Culvert. This bridge is 20-foot long and is located on a residential street. The mitigation consists of placement of concrete under the exposed footing, placement of streambed sediment and cobbles to armor the channel.

JUSTIFICATION:
The stream has scoured down to below one of the spread footings. A load rating and scour plan of action have recently been done for this structure.

STATUS:
A grant in the amount of $481,474 from the 2014 Bridge Federal Funding was awarded for this project. A 10% match is required for preliminary engineering and right-of-way. No match is required for construction if authorization is obtained by Sep 2018.

CHANGES:
New project.

Funded : 492,474 **Unfunded :**

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning										
Preliminary Engineering	85,000		76,500	8,500	8,500					
R-O-W (includes Admin)	25,000		22,500	2,500	2,500					
Construction	270,000			270,000	243,000	27,000				
Construction Services	112,474			112,474	101,220	11,254				
Post Construction Services										
TOTAL EXPENSES	**492,474**		**99,000**	**393,474**	**355,220**	**38,254**				
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee	9,900		9,900							
Proposed Fund Balance	1,100			1,100	1,100					
Grants In-Hand (Bridge)	481,474		89,100	392,374	354,120	38,254				
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (City Funds)										
Other In-Hand (2)										
Undetermined										
TOTAL SOURCES	**492,474**		**99,000**	**393,474**	**355,220**	**38,254**				

CITY OF RENTON
PUBLIC WORKS
TRANSPORTATION SYSTEMS DIVISION
2016 - 2021 TRANSPORTATION IMPROVEMENT PROGRAM - AMENDED

Rainier Ave N Corridor Improvements - Phase 5

Functional Classification: N/A
Proj. Length: 0.76 mi
TIP No. 38

Fund: 317
Proj:
CONTACT: Jim Seitz 425.430.7245

Community Planning Area:

DESCRIPTION:
This is Phase 5 of the Rainier Ave Corridor Improvements, and will extend the improvements from NW 3rd Pl to north City limits. Project elements include sidewalks widening with streetscaping, adding pedestrian-scale illumination and planted buffer strips. The street may be narrowed from 5 to 3 lanes where feasible. On the east side of Rainier Ave the new multi-use trail will be installed (Lake Washington Loop Trail), as shown on TIP 18.

JUSTIFICATION:
Rainier Ave is a critical corridor in Renton with existing operational problems and in need of infrastructure enhancements to provide greater ease for non-motorized and transit-based travel.

STATUS:
Funds shown in 2020 are for planning to determine the roadway cross section. Project cost estimated at $31.5M and is unfunded. Costs beyong 2021 not shown.

CHANGES:
New project.

Funded : | **Unfunded :** 4,500,000

Project Totals		Programmed Pre-2016		Six-Year Program						
ITEM	**Programmed**	**Spent Pre-2015**	**2015**	**Total**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
EXPENSES:										
Planning	100,000			100,000					100,000	
Preliminary Engineering	4,400,000			4,400,000						4,400,000
R-O-W (includes Admin)										
Construction										
Construction Services										
Post Construction Services										
TOTAL EXPENSES	**4,500,000**			**4,500,000**					**100,000**	**4,400,000**
SOURCE OF FUNDS:										
Vehicle Fuel Tax										
Business License Fee										
Proposed Fund Balance										
Grants In-Hand (Bridge)										
Grants In-Hand (2)										
Mitigation In-Hand										
Other In-Hand (City Funds)										
Other In-Hand (2)										
Undetermined	4,500,000			4,500,000					100,000	4,400,000
TOTAL SOURCES	**4,500,000**			**4,500,000**					**100,000**	**4,400,000**

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
MAP-21	Moving Ahead for Progress in the 21st Century Act
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
SOV	Single Occupant Vehicle
ST	Sound Transit
STP	Surface Transportation Program
TDM	Transportation Demand Management Program

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

CITY OF RENTON, WASHINGTON

RESOLUTION NO. 4255

A RESOLUTION OF THE CITY OF RENTON, WASHINGTON, UPDATING RENTON'S SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM FOR 2016 – 2021.

WHEREAS, the City of Renton has adopted a "Six-Year Transportation Improvement Program" pursuant to RCW 35.77.010 (Perpetual advanced six-year plans for coordinated transportation program expenditures), 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 15, 2015, 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 15, 2015, 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. Renton's "Six-Year Transportation Improvement Program" is amended and modified, as more particularly shown on the attached Exhibits "A" and "B", incorporated as if fully detailed in this resolution.

SECTION III. The plan and program, as evidenced by exhibits, shall be and constitute Renton's "Six-Year Transportation Improvement Program", and shall remain in full force and effect until further revised, amended, and modified as provided by law.

RESOLUTION NO. 4255

SECTION IV. The Administrator of the Public Works Department and the City Clerk are 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 15 day of June, 2015.

Jason A. Seth, City Clerk

APPROVED BY THE MAYOR this 15 day of June, 2015.

Denis Law, Mayor

Approved as to form:

Lawrence J. Warren, City Attorney

RES.1672:4/29/15:scr