



KING COUNTY

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

Signature Report

November 20, 2017

Ordinance 18612

Proposed No. 2017-0394.2

Sponsors Upthegrove

1 AN ORDINANCE to adopt the King County department of
2 transportation, road services division six year (2018 - 2023)
3 capital program, in accordance with K.C.C. 4A.100.030, to
4 serve as the county's adopted 2018 annual road plan in
5 accordance with RCW 36.81.130 and to serve as the
6 county's adopted comprehensive transportation program in
7 accordance with RCW 36.81.121.

8 STATEMENT OF FACTS:

- 9 1. K.C.C. 4A.100.010 requires King County adopt a biennial budget for
10 such county funds as the council may determine and conduct a
11 midbiennium review and modification for the second year of the
12 biennium.
- 13 2. K.C.C. 4A.100.030 requires each county agency to include its capital
14 projects in a six-year capital improvement program ("CIP") for the fiscal
15 period and the next two fiscal periods.
- 16 3. In conjunction with the 2017-2018 biennial budget process, the road
17 services division of the department of transportation prepared and the
18 council adopted the road services division's six-year CIP for 2017-2022.
- 19 4. This ordinance approves the road services division CIP for the six year

20 period of 2018-2023 and includes modifications to the planned
21 expenditures for 2018 that were included in the adopted 2017-2022 road
22 services division CIP.

23 5. RCW 36.81.121 requires that before the adoption of a roads division
24 budget, the council must adopt a comprehensive transportation program
25 for the next ensuing six calendar years. The purpose of the statute is to
26 ensure that each county shall perpetually have available advanced plans
27 looking to the future for not less than six years as a guide in carrying out a
28 coordinated transportation program.

29 6. RCW 36.81.130 requires the council to adopt an annual road plan. Any
30 appropriations contained in a county road budget are void if the county's
31 annual road plan is not adopted before such appropriations.

32 7. The executive anticipates that as part of the midbiennium review there
33 will be modifications proposed to the roads division's capital budget for
34 the second year of the biennium. Those modifications will include
35 supplemental appropriations for fiscal year 2018.

36 8. Attachment A to this ordinance is the roads division six year CIP for
37 2018-2023.

38 BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

39 SECTION 1. The approved road services division 2018-2023 Capital
40 Improvement Program shall serve as the county's comprehensive transportation program
41 for the period of 2018 through 2023.

42 SECTION 2. The planned expenditures for those projects in fiscal year 2018 as

43 reflected in the approved road services division 2018-2023 Capital Improvement Program
44 shall serve as the county's final road plan for fiscal year 2018.

45 SECTION 3. The road services division 2018-2023 Capital Improvement
46 Program, which is Attachment A to this ordinance, is hereby approved.

47

Ordinance 18612 was introduced on 10/9/2017 and passed by the Metropolitan King
County Council on 11/20/2017, by the following vote:

Yes: 9 - Mr. von Reichbauer, Mr. Gossett, Ms. Lambert, Mr. Dunn,
Mr. McDermott, Mr. Dembowski, Mr. Upthegrove, Ms. Kohl-Welles
and Ms. Balducci
No: 0
Excused: 0



KING COUNTY COUNCIL
KING COUNTY, WASHINGTON

J. Joseph McDermott, Chair

RECEIVED
2017 DEC -1 PM 3:30
CLERK
COUNTY COUNCIL

Melani Pedroza, Clerk of the Council

APPROVED this 18th day of DECEMBER, 2017.

Dow Constantine, County Executive

Attachments: A. Road Services 2018-2023 Proposed CIP Budget



Capital Improvement Program

Proposed
2018 – 2023
Six Year Plan

Transportation Element
of the King County
Comprehensive Plan



West Snoqualmie Valley Road

Transportation Projects for Fiscal Years 2018 – 2023



King County Executive

Dow Constantine

King County Council

Rod Dembowski	District 1
Larry Gossett	District 2
Kathy Lambert	District 3
Jeanne Kohl-Welles	District 4
Dave Upthegrove	District 5
Claudia Balducci	District 6
Pete von Reichbauer	District 7
Joe McDermott	District 8
Reagan Dunn	District 9

Department of Transportation

Harold S. Taniguchi, Director

Road Services Division

Brenda Bauer, Director

For more information, please call
King County Road Services Division at 206-296-6590
Or visit our Web site at www.kingcounty.gov/roads

King County Road Services Division

2018 Proposed CIP - Version 3

Project Name	Number
RSD CIP OVERSIGHT 3855	1129841
RSD CIP OVERSIGHT 3865	1130303
RSD CWP BRIDGE PRIORITY MAINT	1129588
RSD CWP CLEAR ZONE SAFETY	1129589
RSD CWP DRAINAGE PRESERVATION	1129586
RSD CWP FLOOD CONTROL DISTRICT	1131333
RSD CWP GUARDRAIL CONSTRUCTION	1129594
RSD CWP GUARDRAIL PRESERVATION	1129587
RSD CWP HIGH COLLISION SAFETY	1129590
RSD CWP QUICK RESPONSE	1129584
RSD CWP ROADWAY PRESERVATION	1129585
RSD CWP SCHOOL ZONE SAFETY	1129591
RSD EMERGENT NEED 3855	1129582
RSD EMERGENT NEED 3865	1129592
RSD GRANT CONTINGENCY 3855	1129583
RSD GRANT CONTINGENCY 3865	1129593
RSD HIGHLINE SCH DIST IMPRVMNT	1129600
RSD ISS HBRT RD@CDR GROV RNDBT	1129597
RSD ISS HBRT RD@MAY VLLY RNDBT	1129598
RSD OLD CASCADE/MILLER BR EAST	1129596
RSD OLD CASCADE/MILLER BR WEST	1129595
RSD RENTON AVE PH III SIDEWALK	1129599
RSD S 360ST&MILITARY RD RNDABT	1131235
RSD S LANGSTON RD&59 AV RNDABT	1131236
RSD SE176&SE171 WAY ROUNDABOUT	1130261
RSD SW 102 ST&8 AVE SW RNDABT	1131237
RSD SW 108&8 AV SW ROUNDABOUT	1130260

King County Road Services Division

2018 Proposed CIP - Version 3

Number	Project name
1129582	RSD EMERGENT NEED 3855
1129583	RSD GRANT CONTINGENCY 3855
1129584	RSD CWP QUICK RESPONSE
1129585	RSD CWP ROADWAY PRESERVATION
1129586	RSD CWP DRAINAGE PRESERVATION
1129587	RSD CWP GUARDRAIL PRESERVATION
1129588	RSD CWP BRIDGE PRIORITY MAINT
1129589	RSD CWP CLEAR ZONE SAFETY
1129590	RSD CWP HIGH COLLISION SAFETY
1129591	RSD CWP SCHOOL ZONE SAFETY
1129592	RSD EMERGENT NEED 3865
1129593	RSD GRANT CONTINGENCY 3865
1129594	RSD CWP GUARDRAIL CONSTRUCTION
1129595	RSD OLD CASCADE/MILLER BR WEST
1129596	RSD OLD CASCADE/MILLER BR EAST
1129597	RSD ISS HBRT RD@CDR GROV RNDBT
1129598	RSD ISS HBRT RD@MAY VLLY RNDBT
1129599	RSD RENTON AVE PH III SIDEWALK
1129600	RSD HIGHLINE SCH DIST IMPVMNT
1129841	RSD CIP OVERSIGHT 3855
1130260	RSD SW 108&8 AV SW ROUNDABOUT
1130261	RSD SE176&SE171 WAY ROUNDABOUT
1130303	RSD CIP OVERSIGHT 3865
1131235	RSD S 360ST&MILITARY RD RNDABT
1131236	RSD S LANGSTON RD&59 AV RNDABT
1131237	RSD SW 102 ST&8 AVE SW RNDABT
1131333	RSD CWP FLOOD CONTROL DISTRICT

King County Road Services Division
2018 Budget - Project totals - Version 3 Proposed

8/25/2017

Project	Project Name	Prior years	Existing	2018	2019	2020	2021	2022	2023	2018 - 2023
1129582	Emergent Need 3855	0	250,000	250,000	700	700	700	700	700	3,750,000
1129583	Grant Contingency 3855	0	5,000,000	5,000,000	0	0	0	0	0	5,000,000
1129584	CWP Quick Response	0	8,000,000	0	8,500	0	8,500	0	8,500	25,500,000
1129585	CWP Roadway Preservation	0	14,900,000	19,900,000	7,000	7,000	7,000	7,000	7,000	54,900,000
1129586	CWP Drainage Preservation	0	6,000,000	3,000,000	3,000	3,000	3,000	3,000	3,000	18,000,000
1129587	CWP Guardrail Preservation	0	2,400,000	2,400,000	1,475	1,475	0	0	0	5,350,000
1129588	CWP Bridge Priority Maintenance	0	500,000	500,000	500	500	500	500	500	3,000,000
1129589	CWP Clear Zone Safety	0	500,000	500,000	800	800	800	800	800	4,500,000
1129590	CWP High Collision Safety	0	2,675,000	0	0	2,000	0	0	2,000	4,000,000
1129591	CWP School Zone Safety	0	400,000	400,000	0	400	0	400	0	1,200,000
1129592	Emergent Need 3865	0	292,691	267,000	200	200	20	20	20	727,000
1129593	Grant Contingency 3865	0	2,434,220	2,207,000	0	0	0	0	0	2,207,000
1129594	CWP Guardrail Construction	0	400,000	950,000	400	950	400	450	450	3,600,000
1129595	Old Cascade Highway/Miller River Brg #999	0	300,000	2,000,000	0	0	0	0	0	2,000,000
1129596	Old Cascade Highway/Miller River Brg #999	0	350,000	2,400,000	0	0	0	0	0	2,400,000
1129597	Issaquah Hobart @ Cedar Grove Roundabout	0	0	0	600	2,400	0	0	0	3,000,000
1129598	Issaquah Hobart @ May Valley Roundabout	0	0	0	600	2,400	0	0	0	3,000,000
1129599	Renton Ave Phase III Sidewalks	0	500,000	2,700,000	0	0	0	0	0	2,700,000
1129600	Highline School District Improvements	0	750,000	4,500,000	0	0	0	0	0	4,500,000
1129841	Capital Program Oversight 3855	0	17,297	17,000	0	0	0	0	0	17,000
1130260	SW 108th & 8th Ave SW Roundabout	0	162,000	630,000	0	0	0	0	0	630,000
1130261	SE 176th St & SE 171st Way Roundabout	0	68,000	272,000	0	0	0	0	0	272,000
1130303	Capital Program Oversight 3865	0	7,046	7,000	0	0	0	0	0	7,000
1131235	RSD S 360ST&MILITARY RD RNDABT	0	170,000	915,000	0	0	0	0	0	915,000
1131236	RSD S LANGSTON RD&59 AV RNDABT	0	35,000	205,000	0	0	0	0	0	205,000

2018 Budget - Project totals - Version 3 Proposed

8/25/2017

Project	Project Name	Prior years	Existing	2018	2019	2020	2021	2022	2023	2018 - 2023
1131237	RSD SW 102 ST&8 AVE SW RNDABT	0	73,089	325,000	0	0	0	0	0	325,000
1131333	Flood Control District	0	760,000	1,460,000	2,850	400	3,000	150	1,800	9,660,000
		0	46,944,343	50,805,000	26,625	22,225	23,920	13,020	24,770	161,365,000

King County Road Services Division 2018 Proposed CIP Ver 3

1129582 Emergent Need 3855

Administrative

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117471

SPRS Goal: n/a
 Major Class of Work: n/a
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a

Lat
 Long

Manager Christensen
 Supervisor Christensen
 Project Mg Christensen

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	0	0	0	0	0	0	0
4 Implementation	0	250,000	250,000	700	700	700	700	700	3,750,000	4,000,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	250,000	250,000	700	700	700	700	700	3,750,000	4,000,000

Revenue Sources

39782 P Contribution -County Road	0	0	0	350	350	350	350	700	2,100,000
43367 A Other Government-Road Co	0	250,000	250,000	0	0	0	0	0	250,000
43367 P Other Government-Road Co	0	0	0	350	350	350	350	0	1,400,000
Annual Revenue Total	0	250,000	250,000	700	700	700	700	700	3,750,000

Scope To provide funding for existing projects that experience unforeseen circumstances such as accelerations or delays.

Justification This project allows Roads the flexibility with project implementation. It is to cover costs for unforeseen circumstances and developments not anticipated at the time of budget adoption. Not having the flexibility of this project to expediently transfer appropriation will limit the ability of Roads to proactively manage active projects to minimize costs and/or damage to county assets.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129583 Grant Contingency 3855

Administrative

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117472

SPRS Goal: n/a
 Major Class of Work: n/a
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a

Lat
 Long

Manager Christensen
 Supervisor Christensen
 Project Mg Christensen

Phase		Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
					2019	2020	2021	2022	2023		
1	Planning	0	0	0	0	0	0	0	0	0	0
2	Prelim Design	0	0	0	0	0	0	0	0	0	0
3	Final Design	0	0	0	0	0	0	0	0	0	0
4	Implementation	0	5,000,000	5,000,000	0	0	0	0	0	5,000,000	10,000,000
5	Closeout	0	0	0	0	0	0	0	0	0	0
6	Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total		0	5,000,000	5,000,000	0	0	0	0	0	5,000,000	10,000,000
Revenue Sources											
33341 A F.A.U.S. Road Grant		0	5,000,000	5,000,000	0	0	0	0	0	5,000,000	
Annual Revenue Total		0	5,000,000	5,000,000	0	0	0	0	0	5,000,000	

Scope This project provides appropriation authority reflecting potential contingent grant sources that may be awarded.

Justification This project allows Roads the flexibility to accept emergent grant funds.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129584 CWP Quick Response

Administrative

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117473

SPRS Goal: n/a
 Major Class of Work: n/a
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager Christensen
 Supervisor Christensen
 Project Mg Christensen

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	0	0	0	0	0	0	0
4 Implementation	0	8,000,000	0	8,500	0	8,500	0	8,500	25,500,000	33,500,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	8,000,000	0	8,500	0	8,500	0	8,500	25,500,000	33,500,000

Revenue Sources

30800 A Beg Unencumbered Fund Ba	0	6,000,000	0	0	0	0	0	0	0	0
39782 A Contribution -County Road	0	2,000,000	0	0	0	0	0	0	0	0
39782 P Contribution -County Road	0	0	0	8,500	0	8,500	0	8,500	25,500,000	
Annual Revenue Total	0	8,000,000	0	8,500	0	8,500	0	8,500	25,500,000	

Scope This project allows Roads to respond to emerging needs of citizens and the roadway system.

Justification Given the current financial situation and the accelerating rate of decline of the system condition, Roads is by necessity becoming a more reactive rather than proactive agency. The Quick Response master project will supply funds for sub-projects that arise during the year that require immediate attention. Projects can include emergency repairs associated with storm damage or other infrastructure deterioration or damage, unanticipated pedestrian or vehicle safety needs or other emerging issues.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129585 CWP Roadway Preservation

Countywide

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117474

SPRS Goal: Preservation
 Major Class of Work: Other Enhancements
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager Markus
Supervisor Daggs
Project Mg Moore

Phase		Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
					2019	2020	2021	2022	2023		
1	Planning	0	0	0	0	0	0	0	0	0	0
2	Prelim Design	0	0	0	0	0	0	0	0	0	0
3	Final Design	0	0	0	0	0	0	0	0	0	0
4	Implementation	0	14,900,000	19,900,000	7,000	7,000	7,000	7,000	7,000	54,900,000	69,800,000
5	Closeout	0	0	0	0	0	0	0	0	0	0
6	Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total		0	14,900,000	19,900,000	7,000	7,000	7,000	7,000	7,000	54,900,000	69,800,000

Revenue Sources

33341 A F.A.U.S. Road Grant	0	700,000	5,100,000	0	0	0	0	0	0	5,100,000
39780 A Contribution -Current Expen	0	0	4,000,000	0	0	0	0	0	0	4,000,000
39780 P Contribution -Current Expen	0	0	0	2,000	2,000	2,000	2,000	2,000	2,000	10,000,000
39782 A Contribution -County Road	0	12,600,000	10,700,000	0	0	0	0	0	0	10,700,000
39782 P Contribution -County Road	0	0	0	3,500	5,000	3,500	5,000	3,500	3,500	20,500,000
39789 A Contribution -Real Estate Ta	0	1,500,000	0	0	0	0	0	0	0	0
39789 P Contribution -Real Estate Ta	0	0	0	1,500	0	1,500	0	1,500	1,500	4,500,000
43367 A Other Government-Road Co	0	100,000	100,000	0	0	0	0	0	0	100,000
Annual Revenue Total	0	14,900,000	19,900,000	7,000	7,000	7,000	7,000	7,000	7,000	54,900,000

Scope To preserve the roadway infrastructure using cost effective resurfacing treatments and minor roadway rehabilitation to extend the useful life of existing roadways.

Justification Two of the goals in the 2014 Strategic Plan for Road Services are to address safety concerns and to preserve and maintain the existing roadway network. This program will protect road users and maintain the system by applying preventative treatments which are key to preserving the roadway system, improving its functional condition and reducing deterioration. Applying the right cost effective treatment at the right time can extend the useful life of the roadways. With more than 1 million trips per day occurring on the county's roads, the roadway system enables the movement of people and goods, and serves residents, commerce and other users, making it an important tool for the region's economic vitality. Therefore, preserving the overall condition of the roadway system will benefit mobility, aligning with the County Executive's priority of Regional Mobility. If these repairs are not performed, it may lead to higher lifecycle costs, increased risks and more user delays.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129586 CWP Drainage Preservation

Countywide

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117475

SPRS Goal: Preservation
 Major Class of Work: Drainage
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a

Manager Cassidy
 Supervisor Shular
 Project Mg Shular

Lat
 Long

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	0	0	0	0	0	0	0
4 Implementation	0	6,000,000	3,000,000	3,000	3,000	3,000	3,000	3,000	18,000,000	24,000,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	6,000,000	3,000,000	3,000	3,000	3,000	3,000	3,000	18,000,000	24,000,000

Revenue Sources

39721 A Contribution -Surf Water M	0	3,444,979	2,244,980	0	0	0	0	0	2,244,980
39721 P Contribution -Surf Water M	0	0	0	1,845	1,099	1,099	1,099	1,099	6,241,000
39782 A Contribution -County Road	0	2,555,021	755,020	0	0	0	0	0	755,020
39782 P Contribution -County Road	0	0	0	1,155	1,901	1,901	1,901	1,901	8,759,000
Annual Revenue Total	0	6,000,000	3,000,000	3,000	3,000	3,000	3,000	3,000	18,000,000

Scope To replace and preserve aging drainage systems and associated roadway features in compliance with current codes and standards.

Justification Two of the goals in the 2014 Strategic Plan for Road Services are to address safety concerns and to preserve and maintain the existing roadway network. This program will protect road users, and improve and maintain the roadway structure by eliminating failed or failing drainage systems, restoring structural capacity and preventing water damage to public and private properties. Generally, the solution is replacing the failed system but it could also include new pipe or catch basins to collect water that is adversely affecting the road system or private property. Another goal of the strategic plan is to meet regulatory requirements and standards. This program's work is regulated by federal statutes, state laws and regulations, and King County Code. It also applies King County Strategic Climate Action Plan principles by designing systems to minimize future flooding and recycling a majority of the waste material generated during construction. Preserving the existing roadway network will benefit mobility, aligning with the County Executive's priority of Regional Mobility. If the road drainage system is not maintained, there could be possible injuries to road users, damage to public and private property, liability for water flow that is displaced, icy road conditions in the winter, premature failure due to soil saturation, and road closures.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129587 CWP Guardrail Preservation

Countywide

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117476

SPRS Goal: Preservation
 Major Class of Work: Safety/Traffic Ops/TSM
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager LeSmith
 Supervisor McManus
 Project Mg Bleasdale

Phase		Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
					2019	2020	2021	2022	2023		
1	Planning	0	0	0	0	0	0	0	0	0	0
2	Prelim Design	0	0	0	0	0	0	0	0	0	0
3	Final Design	0	0	0	0	0	0	0	0	0	0
4	Implementation	0	2,400,000	2,400,000	1,475	1,475	0	0	0	5,350,000	7,750,000
5	Closeout	0	0	0	0	0	0	0	0	0	0
6	Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total		0	2,400,000	2,400,000	1,475	1,475	0	0	0	5,350,000	7,750,000
Revenue Sources											
	39782 A Contribution -County Road	0	2,400,000	2,400,000	0	0	0	0	0	2,400,000	
	39782 P Contribution -County Road	0	0	0	1,475	1,475	0	0	0	2,950,000	
Annual Revenue Total		0	2,400,000	2,400,000	1,475	1,475	0	0	0	5,350,000	

Scope To identify and prioritize existing guardrail to be refurbished or upgraded to current standards.

Justification The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. This program will improve the safety of the system by upgrading existing guardrail and guardrail end terminals. This includes identifying and replacing existing end terminals that do not meet current standards. This project will also install guideposts on the guardrail according to federal standards. Other work includes raising guardrail to current standard height recommended by WSDOT Design Standards. Upgrading existing guardrail and guardrail end terminals will make the roads safer and may lessen the severity of crashes.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129588 CWP Bridge Priority Maintenance

Countywide

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117477

SPRS Goal: Preservation
 Major Class of Work: Minor Bridge Rehab.
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager Markus
 Supervisor Jaramillo
 Project Mg Jose

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	0	0	0	0	0	0	0
4 Implementation	0	500,000	500,000	500	500	500	500	500	3,000,000	3,500,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	500,000	500,000	500	500	500	500	500	3,000,000	3,500,000

Revenue Sources

39782 A Contribution -County Road	0	500,000	500,000	0	0	0	0	0	500,000
39782 P Contribution -County Road	0	0	0	500	500	500	500	500	2,500,000
Annual Revenue Total	0	500,000	500,000	500	500	500	500	500	3,000,000

Scope To perform high priority preservation and maintenance projects to attempt to keep the aging bridge inventory serviceable and safe for the traveling public.

Justification Two of the goals in the 2014 Strategic Plan for Road Services are to address safety concerns and to preserve and maintain the existing roadway network. As there are no bridge replacements in the current six-year capital program because of revenue shortfalls, the need for maintenance repairs are on the rise in an attempt to keep bridges serviceable and safe for the traveling public. Regular federally mandated routine inspections identify repairs for the bridges. These repairs are prioritized based on: structural safety, traffic safety and the potential to reduce frequent maintenance. These repairs may include load upgrades, scour mitigation, redecking, bridge rail repairs or retrofits, superstructure and substructure repairs, painting, etc. Preserving the county's bridges will benefit mobility, aligning with the County Executive's priority of Regional Mobility. If they are not repaired or maintained, these structures will degrade faster, and will need to be posted for load restrictions or closed to the public.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129589 CWP Clear Zone Safety

Countywide

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117478

SPRS Goal: Safety
 Major Class of Work: Safety/Traffic Ops/TSM
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager LeSmith
 Supervisor McManus
 Project Mg Bleasdale

Phase		Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
					2019	2020	2021	2022	2023		
1	Planning	0	0	0	0	0	0	0	0	0	0
2	Prelim Design	0	0	0	0	0	0	0	0	0	0
3	Final Design	0	0	0	0	0	0	0	0	0	0
4	Implementation	0	500,000	500,000	800	800	800	800	800	4,500,000	5,000,000
5	Closeout	0	0	0	0	0	0	0	0	0	0
6	Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total		0	500,000	500,000	800	800	800	800	800	4,500,000	5,000,000

Revenue Sources

39782 A	Contribution -County Road	0	500,000	500,000	0	0	0	0	0	500,000
39782 P	Contribution -County Road	0	0	0	800	800	800	800	800	4,000,000
Annual Revenue Total		0	500,000	500,000	800	800	800	800	800	4,500,000

Scope To improve the safety of the roadway network by removing roadside obstacles within the clear zone of the road right-of-way.

Justification The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. The program identifies and removes or mitigates objects next to roadways that vehicles leaving the roadway might otherwise hit, creating clear zones. These zones create space for a driver to stop safely or regain control of a vehicle that has left the road, increasing the possibility of a safe recovery and reducing the instances and severity of crashes. This program will identify and remove or mitigate non-yielding or non-breakaway objects that are more than 6 inches high, such as trees, boulders, stumps, mailboxes, fences and utility poles in the clear zone. The clear zone is an area clear of objects for a minimum of 10 feet from the outside painted lane edge line on roads without curbing.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129590 CWP High Collision Safety

Countywide

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117479

SPRS Goal: Safety
 Major Class of Work: Safety/Traffic Ops/TSM
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager LeSmith
 Supervisor McManus
 Project Mg Sahagun

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	0	0	0	0	0	0	0
4 Implementation	0	2,675,000	0	0	2,000	0	0	2,000	4,000,000	6,675,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	2,675,000	0	0	2,000	0	0	2,000	4,000,000	6,675,000

Revenue Sources

39782 A Contribution -County Road	0	2,675,000	0	0	0	0	0	0	0	0
39782 P Contribution -County Road	0	0	0	0	2,000	0	0	2,000	4,000,000	
Annual Revenue Total	0	2,675,000	0	0	2,000	0	0	2,000	4,000,000	

Scope To improve the safety of the roadway network by making improvements to reduce the rate of collisions on roads in unincorporated King County.

Justification The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. This program will improve the safety of the system by making improvements which are intended to reduce the occurrence of collisions at locations or on road segments identified in the 2016 High Collision Safety reports. Some of the improvements include, but are not limited to, traffic control signs and pavement markings.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129591 CWP School Zone Safety

Countywide

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117480

SPRS Goal: Safety
 Major Class of Work: Non-Motor Vehicle Proj.
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager LeSmith
 Supervisor Brown
 Project Mg Ashti

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	0	0	0	0	0	0	0
4 Implementation	0	400,000	400,000	0	400	0	400	0	1,200,000	1,600,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	400,000	400,000	0	400	0	400	0	1,200,000	1,600,000

Revenue Sources

39782 A Contribution -County Road	0	400,000	400,000	0	0	0	0	0	400,000
39782 P Contribution -County Road	0	0	0	0	400	0	400	0	800,000
Annual Revenue Total	0	400,000	400,000	0	400	0	400	0	1,200,000

Scope To improve the safety of students, pedestrians and others using roads near schools in unincorporated King County by implementing traffic calming measures as needed.

Justification The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. This multi-decade program uses a variety of approaches to improve the safety of pedestrians and other users in school zones in unincorporated King County. These approaches include, but are not limited to, safety-related signs, marked crosswalks, radar activated speed signs, flashing beacons or paved sidewalks. Implementing these traffic calming measures and projects will help to protect all users of the roadway network within the school zone.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129592 Emergent Need 3865

Administrative

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117481

SPRS Goal: n/a
 Major Class of Work: n/a
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager Christensen
 Supervisor Christensen
 Project Mg Christensen

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	0	0	0	0	0	0	0
4 Implementation	0	292,691	267,000	200	200	20	20	20	727,000	1,019,691
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	292,691	267,000	200	200	20	20	20	727,000	1,019,691

Revenue Sources

39782 A Contribution -County Road	0	292,691	267,000	0	0	0	0	0	267,000
39782 P Contribution -County Road	0	0	0	200	200	20	20	20	460,000
Annual Revenue Total	0	292,691	267,000	200	200	20	20	20	727,000

Scope To provide funding for existing projects that experience unforeseen circumstances such as accelerations or delays.

Justification This project allows Roads the flexibility with project implementation. It is to cover costs for unforeseen circumstances and developments not anticipated at the time of budget adoption. Not having the flexibility of this project to expediently transfer appropriation will limit the ability of Roads to proactively manage active projects to minimize costs and/or damage to county assets.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129593 Grant Contingency 3865

Administrative

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117482

SPRS Goal: n/a
 Major Class of Work: n/a
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager Christensen
 Supervisor Christensen
 Project Mg Christensen

Phase		Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
					2019	2020	2021	2022	2023		
1	Planning	0	0	0	0	0	0	0	0	0	0
2	Prelim Design	0	0	0	0	0	0	0	0	0	0
3	Final Design	0	0	0	0	0	0	0	0	0	0
4	Implementation	0	2,434,220	2,207,000	0	0	0	0	0	2,207,000	4,641,220
5	Closeout	0	0	0	0	0	0	0	0	0	0
6	Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total		0	2,434,220	2,207,000	0	0	0	0	0	2,207,000	4,641,220

Revenue Sources

33341 A F.A.U.S. Road Grant	0	2,434,220	2,207,000	0	0	0	0	0	2,207,000
Annual Revenue Total	0	2,434,220	2,207,000	0	0	0	0	0	2,207,000

Scope This project provides appropriation authority reflecting potential contingent grant sources that may be awarded.

Justification This project allows Roads the flexibility to accept emergent grant funds.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129594 CWP Guardrail Construction

Countywide

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117483

SPRS Goal: Safety
 Major Class of Work: New construction
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager LeSmith
 Supervisor McManus
 Project Mg Bleasdale

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	0	0	0	0	0	0	0
4 Implementation	0	400,000	950,000	400	950	400	450	450	3,600,000	4,000,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	400,000	950,000	400	950	400	450	450	3,600,000	4,000,000

Revenue Sources

39782 A Contribution -County Road	0	400,000	950,000	0	0	0	0	0	950,000
39782 P Contribution -County Road	0	0	0	400	950	400	450	450	2,650,000
Annual Revenue Total	0	400,000	950,000	400	950	400	450	450	3,600,000

Scope To design and construct new guardrail systems.

Justification The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. This program will design and construct new guardrail systems to improve the safety of the roadways. Barriers will be installed in locations in an attempt to reduce the number and severity of "run off the road" collisions.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1129595 Old Cascade Highway/Miller River Brg #999W West Improvements Old Cascade Highway from the Miller River Rd to the west bank of the Miller River Y

Department	Fund	Cost Center	Award	SPRS Goal:	Preservation	Council District:	03
Transportation	3865	C86501	117484	Major Class of Work:	Other Enhancements	TBM	514G5
				Functional Class:	Major Collector - Rural	Lat	47.716916
				Tier:	3	Long	-121.393839

Manager Cassidy
 Supervisor Cassidy
 Project Mg Lyou

Phase	Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	300,000	0	0	0	0	0	0	0	300,000
4 Implementation	0	0	2,000,000	0	0	0	0	0	2,000,000	2,000,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	300,000	2,000,000	0	0	0	0	0	2,000,000	2,300,000

Revenue Sources

33320 A FEMA - Local Program	0	200,000	1,000,000	0	0	0	0	0	1,000,000
33418 A FEMA -State	0	35,000	165,000	0	0	0	0	0	165,000
39782 A Contribution -County Road	0	65,000	835,000	0	0	0	0	0	835,000
Annual Revenue Total	0	300,000	2,000,000	0	0	0	0	0	2,000,000

Scope To make drainage and pavement improvements on Old Cascade Highway, and to construct a turnaround on the highway at the west bank of the Miller River.

Justification This project will make improvements to damaged and remaining portions of the Old Cascade Highway. In January 2011, a winter flood tore through the Skykomish Valley and changed the course of the Miller River. The flood destroyed a 100-foot section of the Old Cascade Highway, severing it into two sole access roads on both sides of the river, and left the Miller River Bridge #999W damaged and cut off from the road. In order to maintain the use of this sole source road and to prevent possible additional damage, this project will improve the drainage and resurface a portion of the existing roadway. In addition, a turnaround on the west side of Old Cascade Highway will be constructed to provide a safer terminus and a portion of the pavement from the river bank to the turnaround will be removed.

Status Preliminary Design

King County Road Services Division 2018 Proposed CIP Ver 3

1129596 Old Cascade Highway/Miller River Brg #999W East Improvements Old Cascade Highway from Skykomish to the east bank of the Miller River Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117485

SPRS Goal: Preservation Council District: 03
 Major Class of Work: Other Enhancements TBM 514H5
 Functional Class: Major Collector - Rural Lat 47.717169
 Tier: 3 Long -121.392072

Manager Cassidy
 Supervisor Cassidy
 Project Mg Lyou

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	350,000	0	0	0	0	0	0	0	350,000
4 Implementation	0	0	2,400,000	0	0	0	0	0	2,400,000	2,400,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	350,000	2,400,000	0	0	0	0	0	2,400,000	2,750,000

Revenue Sources

33320 A FEMA - Local Program	0	250,000	1,350,000	0	0	0	0	0	1,350,000
33418 A FEMA -State	0	35,000	215,000	0	0	0	0	0	215,000
39782 A Contribution -County Road	0	65,000	835,000	0	0	0	0	0	835,000
Annual Revenue Total	0	350,000	2,400,000	0	0	0	0	0	2,400,000

Scope To make drainage and pavement improvements on Old Cascade Highway, and to construct a turnaround on the highway at the east bank of the Miller River.

Justification This project will make improvements to damaged and remaining portions of the Old Cascade Highway. In January 2011, a winter flood tore through the Skykomish Valley and changed the course of the Miller River. The flood destroyed a 100-foot section of the Old Cascade Highway, severing it into two sole access roads on both sides of the river, and left the Miller River Bridge #999W damaged and cut off from the road. In order to maintain the use of this sole source road and to prevent possible additional damage, this project will improve the drainage and resurface a portion of the existing roadway. In addition, a turnaround on the east side of Old Cascade Highway will be constructed to provide a safer terminus and a portion of the pavement from the river bank to the turnaround will be removed.

Status Preliminary Design

King County Road Services Division 2018 Proposed CIP Ver 3

1129597 Issaquah Hobart @ Cedar Grove Roundabout

Intersection of Issaquah Hobart Rd SE and Cedar Grove Rd SE

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117486

SPRS Goal: Mobility
 Major Class of Work: New construction
 Functional Class: Principal Arterial -Urban
 Tier: 1

Council District: 09
 TBM 658B4
 Lat 47.472538
 Long -122.023521

Manager LeSmith
 Supervisor McManus
 Project Mg Dovey

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	600	0	0	0	0	600,000	600,000
4 Implementation	0	0	0	0	2,400	0	0	0	2,400,000	2,400,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	0	0	600	2,400	0	0	0	3,000,000	3,000,000
Revenue Sources										
33436 P WA ST Dept of Transportati	0	0	0	600	2,400	0	0	0	3,000,000	
Annual Revenue Total	0	0	0	600	2,400	0	0	0	3,000,000	

Scope To construct a roundabout at the intersection of Issaquah Hobart Road SE and Cedar Grove Road SE.

Justification Issaquah Hobart Road SE is a road connecting the city of Issaquah to state Highway 18, and the communities of Hobart and Maple Valley. The road is heavily congested during the morning and afternoon peak travel times. This project will replace the three-way intersection at Cedar Grove Road SE that is controlled by a traffic light and will construct a roundabout. The installation of a roundabout will allow traffic to continuously flow through the intersection, thus reducing delays along the saturated corridor.

Status Programmed to start in 2019

King County Road Services Division 2018 Proposed CIP Ver 3

1129598 Issaquah Hobart @ May Valley Roundabout

Intersection of Issaquah Hobart Rd SE and SE May Valley Rd

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117487

SPRS Goal: Mobility
 Major Class of Work: New construction
 Functional Class: Principal Arterial -Urban
 Tier: 1

Council District: 09
 TBM 658B2
 Lat 47.484736
 Long -122.027128

Manager LeSmith
 Supervisor McManus
 Project Mg Dovey

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	600	0	0	0	0	600,000	600,000
4 Implementation	0	0	0	0	2,400	0	0	0	2,400,000	2,400,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	0	0	600	2,400	0	0	0	3,000,000	3,000,000
Revenue Sources										
33436 A WA ST Dept of Transportati	0	0	0	600	2,400	0	0	0	3,000,000	
Annual Revenue Total	0	0	0	600	2,400	0	0	0	3,000,000	

Scope To construct a roundabout at the intersection of Issaquah Hobart Road SE and SE May Valley Road.

Justification Issaquah Hobart Road SE is a road connecting the city of Issaquah to state Highway 18, and the communities of Hobart and Maple Valley. The road is heavily congested during the morning and afternoon peak travel times. This project will replace the three-way intersection at SE May Valley Road that is controlled by a traffic light and will construct a roundabout. The installation of a roundabout will allow traffic to continuously flow through the intersection, thus reducing delays along the saturated corridor.

Status Programmed to start in 2019

King County Road Services Division 2018 Proposed CIP Ver 3

1129599 Renton Ave Phase III Sidewalks

Renton Ave S from 68th Ave S 112th ST to 68th Ave S

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117488

SPRS Goal: Safety
 Major Class of Work: New construction
 Functional Class: Minor Arterial - Urban
 Tier: 2

Council District: 02
 TBM 625H6
 Lat 47.500882
 Long -122.249554

Manager LeSmith
 Supervisor McManus
 Project Mg Sahagun

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	500,000	0	0	0	0	0	0	0	500,000
4 Implementation	0	0	2,700,000	0	0	0	0	0	2,700,000	2,700,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	500,000	2,700,000	0	0	0	0	0	2,700,000	3,200,000

Revenue Sources

33436 A WA ST Dept of Transportati	0	500,000	2,700,000	0	0	0	0	0	2,700,000
Annual Revenue Total	0	500,000	2,700,000	0	0	0	0	0	2,700,000

Scope Construct a sidewalk on the west side of Renton Avenue S between 68th Avenue S and S 112th Street, a paved walking surface on the east side of Renton Avenue between 68th Avenue S and S 116th Place, and bicycle lanes on each side of Renton Avenue within the project area.

Justification This non-motorized project will improve the safety of pedestrians and other users in the Renton Avenue corridor and fills a gap in the sidewalk system in unincorporated King County. The project aligns with the County Executive's priorities of Equity and Social Justice and Regional Mobility. The existing walking surface is not compliant with the Americans with Disabilities Act, and it varies from a grass or gravel shoulder to a 4 foot wide uneven, overgrown asphalt walkway to a 6 foot wide paved shoulder. In addition, the existing bicycle lanes are less than 5 feet wide. This road section is a walk route for the Lakeridge and Campbell Hill elementary schools with a total student population of 915 and a 1 mile walk radius. The project area is within an equity and social justice community.

Status Programmed to start 2018. PE Funding awarded.

King County Road Services Division 2018 Proposed CIP Ver 3

1129600 Highline School District Improvements

8th Ave SW from SW 100th St to SW 108th St, SW 102nd St from 4 Ave SW to 6th Ave SW.

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117489

SPRS Goal: Safety
 Major Class of Work: New construction
 Functional Class: Minor Arterial - Urban
 Tier: 5

Council District: 07
 TBM 594H4
 Lat 47.512129
 Long -122.345291

Manager LeSmith
 Supervisor McManus
 Project Mg Sahagun

Phase		Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
					2019	2020	2021	2022	2023		
1	Planning	0	0	0	0	0	0	0	0	0	0
2	Prelim Design	0	0	0	0	0	0	0	0	0	0
3	Final Design	0	750,000	0	0	0	0	0	0	0	750,000
4	Implementation	0	0	4,500,000	0	0	0	0	0	4,500,000	4,500,000
5	Closeout	0	0	0	0	0	0	0	0	0	0
6	Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total		0	750,000	4,500,000	0	0	0	0	0	4,500,000	5,250,000

Revenue Sources

33436 A WA ST Dept of Transportati	0	750,000	4,500,000	0	0	0	0	0	0	4,500,000
Annual Revenue Total	0	750,000	4,500,000	0	0	0	0	0	0	4,500,000

Scope Construct a sidewalk and a bicycle lane on the west side of 8th Avenue SW from SW 100th Street to SW 108th Street, a sidewalk and a bicycle lane on the north side of SW 102nd Place between 4th Avenue SW and 6th Avenue SW, and a sidewalk on the east side and a parking area on the west side of 6th Avenue SW from SW 102nd Street to just south of SW 100th Street. In addition, install an intersection improvement at 8th Avenue SW and SW 108th Street, and install beacons at various crossings and pathways surrounding Mount View Elementary, White Center Heights Elementary and Cascade Middle schools.

Justification This non-motorized project will improve the safety of pedestrians and other users in the White Center community and fills a gap in the sidewalk system in unincorporated King County. The project aligns with the County Executive's priorities of Equity and Social Justice, and Regional Mobility. The existing walking surfaces along each section are not compliant with the Americans with Disabilities Act, ranging from one-half-foot of asphalt plus uneven gravel or grass shoulder to 6 feet of asphalt adjacent to the travel lanes. These roadways are identified by the Highline School District as a school walk route and provide access to elementary, middle and senior high schools within one mile. Collision data along the corridor and at these intersections justify these safety improvements. The route is used by those visiting a YWCA, a King County public library and a Seattle/King County Public Health Clinic located within one-half-mile of the project. The project area is within an equity and social justice community and abuts the King County Housing Authority, Greenbridge public and mixed use housing development.

Status Project recommended for 2018 grant call.

King County Road Services Division 2018 Proposed CIP Ver 3

1129841 Capital Program Oversight 3855

Administrative

Y

Department Fund Cost Center Award
 Transportation 3855 C85501 117556

SPRS Goal: Administration
 Major Class of Work: n/a
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager Christensen
 Supervisor Christensen
 Project Mg Christensen

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	0	0	0	0	0	0	0	0	0
4 Implementation	0	17,297	17,000	0	0	0	0	0	17,000	34,297
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	17,297	17,000	0	0	0	0	0	17,000	34,297
Revenue Sources										
39782 A Contribution -County Road	0	17,297	17,000	0	0	0	0	0	17,000	17,000
Annual Revenue Total	0	17,297	17,000	0	0	0	0	0	17,000	17,000

Scope Allocation of costs for the Capital Projects Oversight Committee.

Justification To process the allocation of costs to Roads.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1130260 SW 108th & 8th Ave SW Roundabout

Intersection of SW 108th and 8th Ave SW

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117730

SPRS Goal: Safety
 Major Class of Work: New construction
 Functional Class: Local - Urban
 Tier: 5

Council District: 08
 TBM 624H5
 Lat 47.506584
 Long -122.344639

Manager LeSmith
 Supervisor McManus
 Project Mg Bleasdale

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	137,000	0	0	0	0	0	0	0	137,000
4 Implementation	0	0	606,000	0	0	0	0	0	606,000	606,000
5 Closeout	0	0	24,000	0	0	0	0	0	24,000	24,000
6 Acquisition	0	25,000	0	0	0	0	0	0	0	25,000
Annual Project Total	0	162,000	630,000	0	0	0	0	0	630,000	792,000

Revenue Sources

39782 A Contribution -County Road	0	162,000	630,000	0	0	0	0	0	630,000
Annual Revenue Total	0	162,000	630,000	0	0	0	0	0	630,000

Scope Design and construct a mini-roundabout at 8th Avenue SW and SW 108th Street, including a rectangular rapid flashing beacon at the west crosswalk, improvements to the sidewalks, ramps to be compliant with the Americans with Disabilities Act, and other safety improvements.

Justification This project will improve the safety of pedestrians and other users in the White Center community. The intersection was identified as a High Collision Location in King County's report in 2016. The project aligns with the County Executive's priorities of Equity and Social Justice, and Regional Mobility. The intersection is part of a designated "safe route to school" for four Highline schools, and connects to proposed project 1129600 RSD Highline School District Improvements. On-site observations by Road Services Division staff indicate that some drivers fail to yield the right-of-way to pedestrians -- many of which are students. In addition, pedestrian ramps on all quadrants of the intersection are not compliant with the Americans with Disabilities Act.

Status Preliminary Design

King County Road Services Division 2018 Proposed CIP Ver 3

1130261 SE 176th St & SE 171st Way Roundabout

Intersection of SE 176th St and SE 171 Way

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117731

SPRS Goal: Safety
 Major Class of Work: New construction
 Functional Class: Local - Urban
 Tier: 5

Council District: 09
 TBM 656H7
 Lat 47.444972
 Long -122.148238

Manager LeSmith
 Supervisor McManus
 Project Mg Bleasdale

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	0	0	0	0	0	0	0	0	0
3 Final Design	0	68,000	0	0	0	0	0	0	0	68,000
4 Implementation	0	0	272,000	0	0	0	0	0	272,000	272,000
5 Closeout	0	0	0	0	0	0	0	0	0	0
6 Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total	0	68,000	272,000	0	0	0	0	0	272,000	340,000

Revenue Sources

39782 A Contribution -County Road	0	68,000	272,000	0	0	0	0	0	272,000
Annual Revenue Total	0	68,000	272,000	0	0	0	0	0	272,000

Scope Design and construct a mini-roundabout at the intersection of SE 176th Street and SE 171st Way, modify sidewalks and reconstruct ramps to be compliant with the Americans with Disabilities Act.

Justification This project will improve the safety of vehicles and other roadway users in the Fairwood community. SE 176th Street connects multi-family residential developments with a busy commercial area. The intersection was identified as a High Collision Location in King County's reports in 2013 and 2016. The geometry of this intersection is complex and may be confusing for users. In addition, SE 171st Way intersects with SE 176th Street at a skewed angle. Traffic on this segment of SE 176th Street exceeds the posted speed limit, according to a recent speed study. Mini-roundabouts have been effective at reducing collision rates at intersections and they are also effective at reducing conflicts resulting from a skewed intersection such as this.

Status Preliminary Design

King County Road Services Division 2018 Proposed CIP Ver 3

1130303 Capital Program Oversight 3865

Administrative

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 117927

SPRS Goal: Administration
 Major Class of Work: n/a
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM n/a
 Lat
 Long

Manager Christensen
 Supervisor Christensen
 Project Mg Christensen

Phase		Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
					2019	2020	2021	2022	2023		
1	Planning	0	0	0	0	0	0	0	0	0	0
2	Prelim Design	0	0	0	0	0	0	0	0	0	0
3	Final Design	0	0	0	0	0	0	0	0	0	0
4	Implementation	0	7,046	7,000	0	0	0	0	0	7,000	14,046
5	Closeout	0	0	0	0	0	0	0	0	0	0
6	Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total		0	7,046	7,000	0	0	0	0	0	7,000	14,046
Revenue Sources											
39782 A Contribution -County Road		0	7,046	7,000	0	0	0	0	0	7,000	
Annual Revenue Total		0	7,046	7,000	0	0	0	0	0	7,000	

Scope Allocation of costs for the Capital Projects Oversight Committee.

Justification To process the allocation of costs to Roads.

Status On going

King County Road Services Division 2018 Proposed CIP Ver 3

1131235 RSD S 360ST&MILITARY RD RNDABT

At the intersection of S 360th Street & Military Road S

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 118055

SPRS Goal: Safety
 Major Class of Work: New construction
 Functional Class: Collector - Urban
 Tier: 1

Council District: 07
 TBM 775E2
 Lat 47.278922
 Long -122.275319

Manager LeSmith
 Supervisor McManus
 Project Mg Bleasdale

Phase		Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
					2019	2020	2021	2022	2023		
1	Planning	0	0	0	0	0	0	0	0	0	0
2	Prelim Design	0	85,000	0	0	0	0	0	0	0	85,000
3	Final Design	0	85,000	0	0	0	0	0	0	0	85,000
4	Implementation	0	0	835,000	0	0	0	0	0	835,000	835,000
5	Closeout	0	0	30,000	0	0	0	0	0	30,000	30,000
6	Acquisition	0	0	50,000	0	0	0	0	0	50,000	50,000
Annual Project Total		0	170,000	915,000	0	0	0	0	0	915,000	1,085,000

Revenue Sources

33341 A F.A.U.S. Road Grant	0	0	0	0	0	0	0	0	0	0
39782 A Contribution -County Road	0	170,000	915,000	0	0	0	0	0	0	915,000
Annual Revenue Total	0	170,000	915,000	0	0	0	0	0	0	915,000

Scope This project designs and constructs a single-lane roundabout at the intersection of S 360th Street and Military Road S.

Justification This project will improve the safety of motorized and non-motorized users in south King County. This intersection was identified as a High Collision Location in King County's report in 2016. It is currently controlled by a two-way stop. However, northbound left turning traffic and eastbound left turning traffic must compete with heavy southbound traffic on Military Road during the afternoon commute. Roundabouts have been effective at reducing collision rates at intersections, and providing traffic calming for the local neighborhood.

Status Preliminary Design

King County Road Services Division 2018 Proposed CIP Ver 3

1131236 RSD S LANGSTON RD&59 AV RNDABT

At the intersection of S Langston Road & 59th Avenue S

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 118056

SPRS Goal: Safety
 Major Class of Work: New construction
 Functional Class: Local - Urban
 Tier: 5

Council District: 02
 TBM 655G1
 Lat 47.492685
 Long -122.259716

Manager LeSmith
 Supervisor McManus
 Project Mg Bleasdale

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	15,000	0	0	0	0	0	0	0	15,000
3 Final Design	0	20,000	0	0	0	0	0	0	0	20,000
4 Implementation	0	0	175,000	0	0	0	0	0	175,000	175,000
5 Closeout	0	0	15,000	0	0	0	0	0	15,000	15,000
6 Acquisition	0	0	15,000	0	0	0	0	0	15,000	15,000
Annual Project Total	0	35,000	205,000	0	0	0	0	0	205,000	240,000
Revenue Sources										
33341 A F.A.U.S. Road Grant	0	0	0	0	0	0	0	0	0	0
39782 A Contribution -County Road	0	35,000	205,000	0	0	0	0	0	0	205,000
Annual Revenue Total	0	35,000	205,000	0	0	0	0	0	0	205,000

Scope This project designs and constructs a mini-roundabout at the intersection of S Langston Road and 59th Avenue S.

Justification This project will improve the safety of motorized and non-motorized users in the Skyway community, and aligns with the County Executive's priorities of Equity and Social Justice, and Regional Mobility. This intersection was identified as High Collision Location in King County's report in 2016. In addition, 59th Avenue S intersects with S Langston Road at a skewed angle. Mini-roundabouts have been effective at reducing collision rates at intersections, and providing traffic calming for the local neighborhood.

Status Preliminary Design

King County Road Services Division 2018 Proposed CIP Ver 3

1131237 RSD SW 102 ST&8 AVE SW RNDABT

At the intersection of SW 102nd Street & 8th Avenue SW

Y

Department Fund Cost Center Award
 Transportation 3865 C86501 118090

SPRS Goal: Safety
 Major Class of Work: Other Enhancements
 Functional Class: Local - Urban
 Tier: 5

Council District: 08
 TBM 654H5
 Lat 47.511996
 Long -122.345037

Manager LeSmith
 Supervisor McManus
 Project Mg Bleasdale

Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
				2019	2020	2021	2022	2023		
1 Planning	0	0	0	0	0	0	0	0	0	0
2 Prelim Design	0	37,000	0	0	0	0	0	0	0	37,000
3 Final Design	0	36,089	0	0	0	0	0	0	0	36,089
4 Implementation	0	0	291,000	0	0	0	0	0	291,000	291,000
5 Closeout	0	0	9,000	0	0	0	0	0	9,000	9,000
6 Acquisition	0	0	25,000	0	0	0	0	0	25,000	25,000
Annual Project Total	0	73,089	325,000	0	0	0	0	0	325,000	398,089
Revenue Sources										
33341 A F.A.U.S. Road Grant	0	65,780	292,616	0	0	0	0	0	292,616	
39782 A Contribution -County Road	0	7,309	32,384	0	0	0	0	0	32,384	
Annual Revenue Total	0	73,089	325,000	0	0	0	0	0	325,000	

Scope This project designs and constructs a mini-roundabout at the intersection of SW 102nd Street and 8th Avenue SW.

Justification This project will improve the safety of motorized and non-motorized users in the White Center community, and aligns with the County Executive's priorities of Equity and Social Justice, and Regional Mobility. The White Center Elementary School is located on the northeast corner of the intersection, the White Center Heights Park is on the southeast corner and METRO bus stops for two routes are just north of the intersection. In addition, the intersection is part of a walk to school route for the White Center Heights Elementary School and the Cascade Middle School. These destinations result in regular pedestrian traffic at the intersection. On-site observations by Road Services Division staff indicate that many drivers exhibit unsafe driving behaviors around large numbers of pedestrians -- many of which are students. In addition, congestion at the location during drop off and pick up times for the elementary school also creates a safety concern for pedestrians and other users of the intersection.

Status Preliminary Design

King County Road Services Division 2018 Proposed CIP Ver 3

1131333 Flood Control District

Various location in the unincorporated area of King County

y

Department Fund Cost Center Award
 Transportation 3855 C85501 118078

SPRS Goal: Preservation
 Major Class of Work: Drainage
 Functional Class: n/a
 Tier: n/a

Council District: 10
 TBM na
 Lat
 Long

Manager Cassidy
 Supervisor Mitchell
 Project Mg Lyou

Phase	Phase	Prior Years Expenditures	2017 Budget	2018 Plan	***** in thousands of dollars *****					Total 2018 - 2023	Phase Total
					2019	2020	2021	2022	2023		
1	Planning	0	0	0	0	0	0	0	0	0	0
2	Prelim Design	0	0	0	0	0	0	0	0	0	0
3	Final Design	0	0	0	0	0	0	0	0	0	0
4	Implementation	0	760,000	1,460,000	2,850	400	3,000	150	1,800	9,660,000	10,420,000
5	Closeout	0	0	0	0	0	0	0	0	0	0
6	Acquisition	0	0	0	0	0	0	0	0	0	0
Annual Project Total		0	760,000	1,460,000	2,850	400	3,000	150	1,800	9,660,000	10,420,000
Revenue Sources											
	44179 A ROAD CE SWM	0	760,000	1,460,000	0	0	0	0	0	1,460,000	
	44179 P ROAD CE SWM	0	0	0	2,850	400	3,000	150	1,800	8,200,000	
Annual Revenue Total		0	760,000	1,460,000	2,850	400	3,000	150	1,800	9,660,000	

Scope This master project will facilitate the transparency of the Flood Control District projects. King County Flood Control District preliminary projects will be evaluated, and if determined feasible, implemented as subprojects of this master.

Justification At the direction of the King County Flood Control District Executive Committee, the Water and Land Resources Division developed a list of preliminary locations where recurring flood events on county roads have isolated or have the potential to isolate communities.

Status On going

2018 Proposed 3 Budget - Revenue totals for Fund 3855

		Prior years	Existing	2018	***** in thousands of dollars *****					Totals	Source
		Expenditures	Budget	Proposed	2019	2020	2021	2022	2023	2018-2023	Total
30800	Beg Unencumbered Fund Bala	0	6,000,000	0	0	0	0	0	0	0	6,000,000
33341	F.A.U.S. Road Grant	0	5,700,000	10,100,000	0	0	0	0	0	10,100,000	15,800,000
39721	Contribution -Surf Water Mgt.	0	3,444,979	2,244,980	1,845	1,099	1,099	1,099	1,099	8,485,980	11,930,959
39780	Contribution -Current Expense	0	0	4,000,000	2,000	2,000	2,000	2,000	2,000	14,000,000	14,000,000
39782	Contribution -County Road Fu	0	23,647,318	15,272,020	16,280	12,426	15,551	8,951	17,901	86,381,020	110,028,338
39789	Contribution -Real Estate Tax	0	1,500,000	0	1,500	0	1,500	0	1,500	4,500,000	6,000,000
43367	Other Government-Road Const	0	350,000	350,000	350	350	350	350	0	1,750,000	2,100,000
44179	ROAD CE SWM	0	760,000	1,460,000	2,850	400	3,000	150	1,800	9,660,000	10,420,000
		0	41,402,297	33,427,000	24,825	16,275	23,500	12,550	24,300	134,877,000	176,279,297

2018 Proposed 3 Budget - Revenue totals for Fund 3865

		Prior years	Existing	2018	***** in thousands of dollars *****					Totals	Source
		Expenditures	Budget	Proposed	2019	2020	2021	2022	2023	2018-2023	Total
33320	FEMA - Local Program	0	450,000	2,350,000	0	0	0	0	0	2,350,000	2,800,000
33341	F.A.U.S. Road Grant	0	2,500,000	2,499,616	0	0	0	0	0	2,499,616	4,999,616
33418	FEMA -State	0	70,000	380,000	0	0	0	0	0	380,000	450,000
33436	WA ST Dept of Transportation	0	1,250,000	7,200,000	1,200	4,800	0	0	0	13,200,000	14,450,000
39782	Contribution -County Road Fu	0	1,272,046	4,948,384	600	1,150	420	470	470	8,058,384	9,330,430
		0	5,542,046	17,378,000	1,800	5,950	420	470	470	26,488,000	32,030,046

2018 Proposed 3 Budget - Revenue totals for Funds 3855 and 3865

		Prior years	Existing	2018	***** in thousands of dollars *****					Totals	Total
		Expenditures	Budget	Proposed	2019	2020	2021	2022	2023	2018-2023	Total
		0	46,944,343	50,805,000	26,625	22,225	23,920	13,020	24,770	161,365,000	208,309,343