



KING COUNTY

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

Signature Report

Ordinance 19696

Proposed No. 2023-0349.1

Sponsors McDermott

1 AN ORDINANCE to adopt the King County Department of Local
2 Services, Road Services Division, Annual Six-Year (2024 - 2029)
3 Capital Improvement Program in accordance with K.C.C.
4 4A.100.030, to serve as the County's adopted 2024 Annual Road
5 Plan in 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.100.0130 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 fiscal periods.
- 16 3. In conjunction with the 2023-2024 biennial budget process, the Road
17 Services Division of the Department of Local Services prepared, and the
18 Council adopted the Road Services Division's Six-Year CIP for 2023-
19 2028.

Ordinance 19696

20 4. RCW 36.81.121 requires that before the adoption of a Roads Division
21 Budget, the Council must adopt a Comprehensive Transportation Program
22 for the next ensuing six calendar years. The purpose of the statute is to
23 ensure that each county shall perpetually have available advanced plans
24 looking to the future for not less than six years as a guide in carrying out a
25 coordinated transportation plan.

26 5. RCW 36.81.130 requires the Council to adopt an Annual Road Plan.
27 Any appropriations contained in a County Road Budget are void if the
28 County's Annual Road Plan is not adopted before such appropriations.

29 6. The proposed Roads Six-Year CIP for 2024-2029 incorporates the
30 executive's proposed amendments to the Roads Division Capital Budget
31 included in the second omnibus supplemental.

32 7. Attachment A to this Ordinance is the Roads Division Six-Year CIP for
33 2024-2029.

34 BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

35 SECTION 1. The King County Road Services Division 2024-2029 Capital
36 Improvement Program, which is Attachment A to this Ordinance, shall serve as the
37 County's Comprehensive Transportation Program for the period of 2024 through 2029.

38 SECTION 2. The planned expenditures for those projects in fiscal year 2024 as
39 reflected in the King County Road Services Division 2024-2029 Capital Improvement
40 Program, which is Attachment A to this Ordinance, shall serve as the County's final road
41 plan for fiscal year 2024.

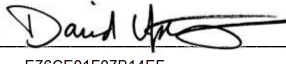
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- 42 SECTION 3. The Road Services Division 2024-2029 Capital Improvement
- 43 Program, which is Attachment A to this Ordinance, is hereby approved.


Ordinance 19696 was introduced on 10/17/2023 and passed by the Metropolitan King County Council on 11/28/2023, by the following vote:

Yes: 9 - Balducci, Dembowski, Dunn, Kohl-Welles, Perry, McDermott, Upthegrove, von Reichbauer and Zahilay

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON

DocuSigned by:

 E76CE01F07B14EF...
 Dave Upthegrove, Chair

ATTEST:

DocuSigned by:

 8DE1BB375AD3422...
 Melani Hay, Clerk of the Council

APPROVED this _____ day of 12/6/2023, _____.

DocuSigned by:

 4FBCAB8196AE4C6...
 Dow Constantine, County Executive

Attachments: A. Capital Improvement Program Proposed Transportation Projects for Fiscal Years 2024-2029 Transportation Element of the King County Comprehensive Plan

Ordinance 19696

Attachment A



King County

Department of Local Services

Road Services Division

Capital Improvement Program
Proposed Transportation Projects for Fiscal Years 2024 - 2029
Transportation Element of the King County Comprehensive Plan



King County Executive

Dow Constantine

Metropolitan King County Council

District 1

Rod Dembowski

District 2

Girmay Zahilay

District 3

Sarah Perry

District 4

Jeanne Kohl-Welles

District 5

Dave Upthegrove

District 6

Claudia Balducci

District 7

Pete von Reichbauer

District 8

Joe McDermott

District 9

Reagan Dunn

Department of Local Services

John Taylor, Director

Road Services Division

Tricia Davis, Director

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

Projects - 2024-2029 Proposed 6-Year CIP
Sorted by Project Number

Project Number	Project Name
1129583	Grant Contingency Project for Fund 3855
1129585	Countywide Roadway Preservation Program
1134081	Redmond Ridge Drive NE Roundabout
1134093	Countywide Traffic Safety
1135045	Countywide Culvert Replacement Fish Passage
1135998	Ames Lake Trestle Bridge #1320A Replacement
1136232	NE 128th Way Culvert Replacement
1136235	Avondale Road NE at NE 144th Place Culvert Replacement
1136236	NE 165th Street at 176th Avenue NE Culvert Replacement
1136237	S 370th Street Culvert Replacement
1136239	Thomas Road SE and SE 317th Place - Culvert Replacement - Fish Passage
1136419	SE 432nd Street Culvert Replacement
1139144	SE Reinig Road Drainage Improvement Culvert
1139811	SE 384th Street Drainage Improvement Culvert
1140905	17401 SE 240th Street - Culvert Replacement - Fish Passage
1140906	156th Avenue SE & SE 240th Street - Culvert Replacement - Fish Passage
1143968	Avondale Road NE And NE 128th Way Pavement Preservation
1143973	Berrydale Overcrossing Bridge #3086OX Replacement and Corridor Improvements
1143978	Camelot Elementary School Improvements
1144162	24219 NE 80th Street Culvert Replacement
1144322	185th Avenue NE at NE 179th Street Culvert Construction
1146426	SE Mud Mountain Road Culvert
TBD	Proposed REET #1 Reduction

Projects - 2024-2029 Proposed 6-Year CIP
Sorted by Project Name

Project Name	Project Number
156th Avenue SE & SE 240th Street - Culvert Replacement - Fish Passage	1140906
17401 SE 240th Street - Culvert Replacement - Fish Passage	1140905
185th Avenue NE at NE 179th Street Culvert Construction	1144322
24219 NE 80th Street Culvert Replacement	1144162
Ames Lake Trestle Bridge #1320A Replacement	1135998
Avondale Road NE And NE 128th Way Pavement Preservation	1143968
Avondale Road NE at NE 144th Place Culvert Replacement	1136235
Berrydale Overcrossing Bridge #3086OX Replacement and Corridor Improvements	1143973
Camelot Elementary School Improvements	1143978
Countywide Culvert Replacement Fish Passage	1135045
Countywide Roadway Preservation Program	1129585
Countywide Traffic Safety	1134093
Grant Contingency Project for Fund 3855	1129583
NE 128th Way Culvert Replacement	1136232
NE 165th Street at 176th Avenue NE Culvert Replacement	1136236
Proposed REET #1 Reduction	TBD
Redmond Ridge Drive NE Roundabout	1134081
S 370th Street Culvert Replacement	1136237
SE 384th Street Drainage Improvement Culvert	1139811
SE 432nd Street Culvert Replacement	1136419
SE Mud Mountain Road Culvert	1146426
SE Reinig Road Drainage Improvement Culvert	1139144
Thomas Road SE and SE 317th Place - Culvert Replacement - Fish Passage	1136239

Projects - Proposed 2024-2029 6-Year CIP
Project Totals

Project	Project Name	Prior Years								Total 2024-2029
		Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	
1129583	Grant Contingency Project for Fund 3855	0	21,599,583	0	0	0	0	0	0	0
1129585	Countywide Roadway Preservation Program	49,716,904	14,846,103	0	8,171,714	4,356,606	7,546,804	4,621,923	0	24,697,047
1134081	Redmond Ridge Drive NE Roundabout	125,829	1,893,139	0	0	0	0	0	0	0
1134093	Countywide Traffic Safety	1,375,020	1,501,880	0	0	0	0	0	0	0
1135045	Countywide Culvert Replacement Fish Passage	3,752,182	5,145,818	0	16,581,000	0	12,297,000	0	27,349,000	56,227,000
1135998	Ames Lake Trestle Bridge #1320A Replacement	1,246,959	9,453,141	0	0	0	0	0	0	0
1136232	NE 128th Way Culvert Replacement	0	1,012,000	0	0	0	0	0	0	0
1136235	Avondale Road NE at NE 144th Place Culvert Replacement	0	1,630,000	0	0	0	0	0	0	0
1136236	NE 165th Street at 176th Avenue NE Culvert Replacement	0	1,562,000	0	0	0	0	0	0	0
1136237	S 370th Street Culvert Replacement	0	242,000	0	0	0	643,000	0	0	643,000
1136239	Thomas Road SE and SE 317th Place - Culvert Replacement - Fish Passage	0	425,000	0	0	0	1,286,000	0	0	1,286,000
1136419	SE 432nd Street Culvert Replacement	0	1,613,140	0	0	0	0	0	0	0
1139144	SE Reinig Road Drainage Improvement Culvert	0	1,767,000	0	0	0	0	0	0	0
1139811	SE 384th Street Drainage Improvement Culvert	59,280	1,247,721	0	0	0	0	0	0	0
1140905	17401 SE 240th Street - Culvert Replacement - Fish Passage	0	1,509,000	0	3,772,000	0	0	0	0	3,772,000
1140906	156th Avenue SE & SE 240th Street - Culvert Replacement - Fish Passage	0	1,000,000	0	3,070,000	0	0	0	0	3,070,000
1143968	Avondale Road NE And NE 128th Way Pavement Preservation	0	0	0	0	0	0	0	0	0
1143973	RSD Berrydale Overcrossing Bridge #3086OX Replacement and Corridor Improvements	0	3,700,000	0	0	0	0	0	0	0
1143978	Camelot Elementary School Improvements	0	0	0	0	0	0	0	0	0
1144162	24219 NE 80th Street Culvert Replacement	0	0	0	0	0	(3,472,000)	0	0	(3,472,000)
1144322	185th Avenue NE at NE 179th Street Culvert Construction	0	7,221,076	0	0	0	0	0	0	0
1146426	SE Mud Mountain Road Culvert	0	1,389,000	0	0	0	0	0	0	0
TBD	Proposed REET #1 Reduction	0	(322,000)	0	0	0	0	0	0	0
Total		56,276,174	78,435,601	0	31,594,714	4,356,606	18,300,804	4,621,923	27,349,000	86,223,047

1129593 RSD GRANT CONTINGENCY 3855

Administrative

Department	Local Services
Fund	3855
Cost Center	C85501
Award	117472

SPRS Goal	Other
Major Class of Work	N/A
Functional Class	N/A
Tier	N/A

Council District	10 - All
Lat	N/A
Long	N/A

Manager	Foote
Supervisor	Mitchell
Project Mgr.	

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design										
3 - Final Design										
4 - Implementation		21,599,583							0	21,599,583
5 - Closeout										
6 - Acquisition										
Annual Project Total	0	21,599,583	0	0	0	0	0	0	0	21,599,583

Revenue Sources

33341 - STPU ROAD GRANT		20,849,583	0						0	
39782 - CONTRIB COUNTY ROAD FUND		750,000							0	
Annual Revenue Total	0	21,599,583	0	0	0	0	0	0	0	

Scope

Provide appropriation authority reflecting potential contingent grant sources that may be awarded.

Justification

This budget request will adjust the amount of Grant Contingency in Fund 3855. Washington State may receive \$5 billion for highways and bridges in the next several years. Grant Contingency allows Roads to pursue grant funding as opportunities arise because many grant agencies require demonstration of sufficient budget authority to apply for funds.

Status

Ongoing

1129585 RSD CWP ROADWAY PRESERVATION

Countywide

Department	Local Services	SPRS Goal	Preservation	Council District	10 - All
Fund	3855	Major Class of Work	Other Enhancements	Lat	N/A
Cost Center	C85501	Functional Class	N/A	Long	N/A
Award	117474	Tier	N/A		
Manager	Archuleta	2023 1st Omnibus - Ordinance #19633			
Supervisor	McManus	2023-2024 Biennial - Ordinance #19546			
Project Mgr.	Mott				

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design	336,472	55,161							0	391,633
3 - Final Design	634,610	640,146							0	1,274,756
4 - Implementation	48,745,796	14,115,822		8,171,714	4,356,606	7,546,804	4,621,923		24,697,047	87,558,665
5 - Closeout	26	34,974							0	35,000
6 - Acquisition									0	0
Annual Project Total	49,716,904	14,846,103	0	8,171,714	4,356,606	7,546,804	4,621,923	0	24,697,047	89,260,054

Revenue Sources

30800 - BUDGETED FUND BALANCE	34,239,884	2,968,947								
33437 - RURAL ARTERIAL TRUST ACCT		1,687,624							0	
33440 - TRANSPORTATION IMPROVEMENT (TIB)		1,614,085							0	
33341 - STPU ROAD GRANT	6,766,695	2,004,317							0	
39780 - CONTRIBUTION - CURRENT EXPENSE	4,000,000								0	
39782 - CONTRIB COUNTY ROAD FUND		4,650,218		2,427,214	2,500,031	2,575,032	2,652,283		10,154,560	
39789 - CONTRIB REET #1	4,701,325	1,920,912		3,942,000		3,059,500			7,001,500	
39796 - CONTRIB OTHER FUNDS				1,802,500	1,856,575	1,912,272	1,969,640		7,540,987	
43367 - ROAD CONSTRUCT OTHER GOVT	9,000								0	
Annual Revenue Total	49,716,904	14,846,103	0	8,171,714	4,356,606	7,546,804	4,621,923	0	24,697,047	

Scope

Preserve roadway infrastructure by applying cost-effective resurfacing and rehabilitation treatments to extend the life of existing roadways.

Justification

This program provides key preservation work that keeps unincorporated King County roads safe and functional.

Two of the goals in the 2014 Strategic Plan for Road Services are to address safety concerns, and to preserve the existing roadway network. This program serves these goals by applying preservation treatments that improve roadways' functional performance and that address their physical deterioration. Applying the most cost-effective treatment at the right time extends a roadway's useful life. With more than one million trips per day serving residents, connecting incorporated areas, and moving freight, the county road system is a critical component of the regional economy. As such, preserving its overall condition and functionality aligns with the County Executive's priority of Regional Mobility.

If these treatments are not applied, repercussions may include -- but are not limited to -- higher lifecycle costs and user delays.

Status

Ongoing

1134081 RSD REDMOND RIDGE DR NE RNDABT

Intersection of Redmond Ridge Drive at NE Alder Crest Drive, northeast of the City of Redmond

Department	Local Services
Fund	3865
Cost Center	C86501
Award	118055

SPRS Goal	Safety
Major Class of Work	New Construction
Functional Class	Minor Arterial - Rural
Tier	2

Council District	3 - Perry
TBM	53881
Lat	47.69216
Long	-122.035704

Manager	Archuleta
Supervisor	McManus
Project Mgr.	Torak

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design		54,741							0	54,741
3 - Final Design		424,227							0	424,227
4 - Implementation		1,350,000							0	1,350,000
5 - Closeout		10,000							0	10,000
6 - Acquisition	125,829	54,171							0	180,000
Annual Project Total	125,829	1,893,139	0	0	0	0	0	0	0	2,018,968

Revenue Sources

30800 - BUDGETED FUND BALANCE	125,829	614,171								0
33436 - WA ST DEPT OF TRANSPORTATION		800,000								0
39782 - CONTRIB COUNTY ROAD FUND		478,968								0
Annual Revenue Total	125,829	1,893,139	0	0	0	0	0	0	0	0

Scope

To design and construct a roundabout on Redmond Ridge Drive NE at NE Alder Crest Drive including curb, gutter and sidewalk.

Justification

Redmond Ridge Drive NE is an arterial which runs north to south. It is located east of the City of Redmond, and intersects with NE Novelty Hill Road, which is also an arterial.

This project will support the full build-out of the Redmond Ridge Business Park and its associated economic benefits. The roundabout is intended to improve intersection level of service resulting from the increased traffic volumes. There will also be an increase in neighborhood pedestrian safety for area residents, including children traveling to the nearby park and the new Timberline Middle School on Redmond Ridge Drive NE.

Status

Construction

1134093 RSD CWP TRAFFIC SAFETY

Countywide

Department	Local Services
Fund	3855
Cost Center	C85501
Award	119008

SPRS Goal	Safety
Major Class of Work	Safety/Traffic Ops/TSM
Functional Class	N/A
Tier	N/A

Council District	10 - All
Lat	N/A
Long	N/A

Manager	Archuleta
Supervisor	Brown
Project Mgr.	

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design										
3 - Final Design										
4 - Implementation	1,375,020	1,495,880							0	2,870,900
5 - Closeout	0	6,000							0	6,000
6 - Acquisition										
Annual Project Total	1,375,020	1,501,880	0	0	0	0	0	0	0	2,876,900

Revenue Sources

30800 - BUDGETED FUND BALANCE	897,070	(168,000)								0
39113 - GENERAL OBLIGATION BONDS		(1,000,000)								0
39782 - CONTRIB COUNTY ROAD FUND		2,669,880								0
39789 - CONTRIB REET #1	477,950	0								0
Annual Revenue Total	1,375,020	1,501,880	0	0	0	0	0	0	0	0

Scope

This program funds improvements to safety on the roadways in unincorporated King County. This can include installing flashing yellow arrows, milling transverse rumble strips in the roadway, or adding lighting.

Justification

This program installs appropriate measures to improve the safety of the roadway network.

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 fund improvements to the roadway system to benefit all users. These improvements can include installing flashing yellow arrow signals, adding lighting, or radar speed signs.

Status

Ongoing

1135045 RSD CWP CULVERT REPLACEMENT AND FISH PASSAGE

Countywide

Department	Local Services	SPRS Goal	Preservation	Council District	10 - All
Fund	3855	Major Class of Work	Drainage		
Cost Center	C85501	Functional Class	N/A	Lat	N/A
Award	119387	Tier	N/A	Long	N/A
Manager	Cassidy				
Supervisor	Shular				
Project Mgr.					

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design	489,930	1,137,241		4,846,000		2,912,333			7,758,333	9,385,504
3 - Final Design	346,594	55,319		9,693,000		5,824,667			15,517,667	15,919,580
4 - Implementation	2,900,944	3,887,982		2,042,000		3,560,000		27,349,000	32,951,000	39,739,926
5 - Closeout		10,000							0	10,000
6 - Acquisition	14,714	55,276							0	69,990
Annual Project Total	3,752,182	5,145,818	0	16,581,000	0	12,297,000	0	27,349,000	56,227,000	65,125,000

Revenue Sources

39721 - CONTRIB SURF WATER MGT	3,752,182	5,145,818	0	16,581,000		12,297,000		27,349,000	56,227,000	
Annual Revenue Total	3,752,182	5,145,818	0	16,581,000	0	12,297,000	0	27,349,000	56,227,000	

Scope Preserve the safety and condition of the road system and enhance fish passage by replacing culverts that are in poor or failing condition, or undersized, with new culverts designed to be fish passable. This program will also replace stream crossings that are barriers to Chinook and other priority species.

Justification This program supports the Road Services Division’s drainage asset management and King County Executive Dow Constantine’s Clean Water and Healthy Habitat agenda.

Culverts that are in poor condition or undersized pose a risk of failure that can result in collapse of the roadway, landslides, flooding, damage to public and private property, and associated risks to life safety. When culverts reach the end of their life cycle, they need to be replaced with new infrastructure designed to current standards in order to mitigate risk and provide appropriate drainage functionality. If culverts are barriers to fish passage and have a high priority for species of concern they may also be replaced regardless of condition in support of the Clean Water and Healthy Habitat initiative.

Culverts that are not designed to be fish passable block access to important upstream habitat necessary for the sustainability of fish species. Roads' proposed Culvert Replacement and Fish Passage project is one component of Executive Constantine’s broader county fish passage program (led by the Water and Land Resources Division), which complements the county’s collaboration with tribal governments and long-standing support for watershed-based salmon recovery efforts. The county-initiated work with federal, state, and tribal officials to develop a fish passage program for watersheds. Originally conceived in late 2017, the program took on greater meaning following a June 2018 U.S. Supreme Court ruling that required the state of Washington to fix state-owned fish passage barriers within the Puget Sound area in order to avoid violating tribal treaty rights.

Status Ongoing

1135998 RSD AMES LAKE TRESTLE BRIDGE #1320A REPLACEMENT

Ames Lake Carnation Road NE at its intersection with Ames Creek, west of the City of Carnation and east of the City of Redmond

Department	Local Services
Fund	3855
Cost Center	C85501
Award	119684

SPRS Goal	Safety
Major Class of Work	Bridge Rehabilitation
Functional Class	Rural Major Collector
Tier	2

Council District	2 - Perry
Lat	47.65918
Long	-121.966

Manager	Jaramillo
Supervisor	Truong
Project Mgr.	Truong

2023 1st Omnibus -- Ordinance #19633
2021 1st Omnibus - Ordinance #19307
2021-2022 Biennial - Ordinance #19210
2019-2020 Biennial - Ordinance #18835

Road Log	96812
BMP	3.700
EMP	3.780

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design	383,381	0							0	383,381
3 - Final Design	834,777	408,589							0	1,243,366
4 - Implementation	20,733	8,732,619							0	8,753,352
5 - Closeout		20,000							0	20,000
6 - Acquisition	8,068	291,933							0	300,001
Annual Project Total	1,246,959	9,453,141	0	0	0	0	0	0	0	10,700,100

Revenue Sources

30800 - BUDGETED FUND BALANCE	188,260									0
39113 - GENERAL OBLIGATION BONDS		7,706,000								0
39782 - CONTRIB COUNTY ROAD FUND		205,840								0
33437 - RURAL ARTERIAL TRUST ACCT	1,058,699	1,541,301								0
Annual Revenue Total	1,246,959	9,453,141	0	0	0	0	0	0	0	0

Scope

To replace Ames Lake Trestle Bridge #1320A which is structurally deficient, functionally obsolete, weight restricted, and its timber substructure is at the end of its useful life.

Justification

Located west of rural Carnation, the bridge carries Ames Lake Carnation Road NE over Ames Creek, connecting NE Carnation Farm Road and West Snoqualmie Valley Road NE to NE Redmond Fall City Road. Ames Lake Carnation Road is a two-lane minor arterial roadway with a traffic volume of approximately 1,800 vehicles per day, including about 70 trucks per day. The timber trestle bridge serves agricultural and forest use parcels and single-family homes and is a designated county snow and ice route. The bridge was originally built in 1924, and the bridge deck was replaced in 2003.

Ames Lake Trestle Bridge #1320A is a highly ranked candidate for replacement using the bridge priority analysis adopted by the King County Council in 1994 (Ordinance 11693). It has been categorized as structurally deficient with a sufficiency rating of 32.44 out of a possible score of 100 (a bridge in new condition). Due to its age and condition, it is not feasible to repair or rehabilitate the bridge to meet current standards for structural, geotechnical, hydraulic, road design or environmental aspects. The bridge's width, bridge rails and end terminals, and bridge approach alignment were designed and built to standards that are outdated and inadequate for current needs. Additionally, Ames Lake Trestle Bridge is constructed of creosote timbers which can leach into the water and impact water quality, fish and wildlife.

In 2017, the bridge was posted with weight restrictions. The bridge is unable to support certain types of fire engines used by the adjacent fire districts, including water tenders used to transport water to areas without hydrants. In addition, other service and delivery vehicles, such as typical full-size garbage trucks or concrete mixers, are too heavy to use the bridge. The weight restrictions were put into place after the Federal Highway Administration developed calculations for determining the weight that a bridge can safely carry. Federal, state and local governments – including King County – are required to evaluate publicly-owned vehicular bridges using these new criteria and formulas to determine whether additional weight restrictions must be placed on bridges under this new requirement.

Status

Final design

1136232 RSD NE 128TH WAY CULVERT REPLACEMENT

NE 128th Way near house number 18430, just north of the City of Redmond

Department	Local Services	SPRS Goal	Preservation	Council District	3 - Perry
Fund	3855	Major Class of Work	Drainage Structure		
Cost Center	C85501	Functional Class	Urban Principal Arterial	Lat	47.71461
Award	119774	Tier	1	Long	-122.09
Manager	Cassidy				
Supervisor	Shular				
Project Mgr.	Dulan				

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning									0	
2 - Prelim Design		(272,072)							0	(272,072)
3 - Final Design		627,072							0	627,072
4 - Implementation		650,000							0	650,000
5 - Closeout									0	0
6 - Acquisition		7,000							0	7,000
Annual Project Total	0	1,012,000	0	0	0	0	0	0	0	1,012,000

Revenue Sources

39721 - CONTRIB SURF WATER MGT		362,000								0
39789 - CONTRIB REET #1		650,000								0
Annual Revenue Total	0	1,012,000	0	0	0	0	0	0	0	0

Scope

Replace an existing 18-inch diameter corrugated metal pipe with a new concrete box culvert. This project has a fish benefit.

Justification

This project will increase the safety of vehicles and other road users in northeastern King County, improve the condition of the road system, and enhance fish passage by replacing a failing culvert with a new culvert designed to be fish passable.

NE 128th Way is a major arterial between the City of Kirkland and Avondale Road NE, just north of the City of Redmond. The existing culvert conveys an unnamed stream under NE 128th Way between 181st Avenue NE and Avondale Road NE, is rusted out and failing and needs to be replaced.

This is one of the early action projects funded with Surface Water Management fee funds. These early action projects were chosen due to the need to replace deteriorating culverts that was also seen as having a fish benefit. Over time, this project has been identified as having a lower habitat priority than was initially identified by the county's Fish Passage Program. However, this project is important to the unincorporated road system as the culvert is degraded and needs to be replaced to lessen the likelihood of road failure and damage to the stream corridor.

Status

Final design

1136235 RSD AVONDALE ROAD NE AT NE 144TH PLACE CULVERT REPLACEMENT

Avondale Road NE, 100 feet south of 144th Place, east of the City of Woodinville

Department	Local Services
Fund	3855
Cost Center	C85501
Award	119777

SPRS Goal	Preservation
Major Class of Work	Drainage Structure
Functional Class	Urban Principal Arterial
Tier	1

Council District	3 - Perry
Lat	47.73232
Long	-122.08205

Manager	Cassidy
Supervisor	Shular
Project Mgr.	Dulan

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning									0	
2 - Prelim Design		(170,000)							0	(170,000)
3 - Final Design		500,000							0	500,000
4 - Implementation		1,298,000							0	1,298,000
5 - Closeout									0	0
6 - Acquisition		2,000							0	2,000
Annual Project Total	0	1,630,000	0	0	0	0	0	0	0	1,630,000

Revenue Sources

39721 - CONTRIB SURF WATER MGT		332,000								0
39789 - CONTRIB REET #1		1,298,000								0
Annual Revenue Total	0	1,630,000	0	0	0	0	0	0	0	0

Scope

Replace an existing 30-inch diameter concrete culvert with a new concrete box culvert. This project has a fish benefit.

Justification

This project will increase the safety of vehicles and other road users in northeastern King County, improve the condition of the road system, and enhance fish passage by replacing a failing culvert with a new culvert designed to be fish passable.

Avondale Road NE is a major arterial located east of the City of Woodinville. It is a primary route between the City of Redmond and the cities of Duval and Woodinville. The culvert conveys an unnamed stream under the road near 144th Place and is deteriorated and undersized, causing flooding of private property, and needs to be replaced.

This is one of the early action projects funded with Surface Water Management fee funds. These early action projects were chosen due to the need to replace deteriorating culverts that was also seen as having a fish benefit. Over time, this project has been identified as having a lower habitat priority than was initially identified by the county's Fish Passage Program. However, this project is important to the unincorporated road system as the culvert is degraded and needs to be replaced to lessen the likelihood of road failure and damage to the stream corridor.

Status

Final design

1136236 RSD NE 165TH STREET AT 176TH AVENUE NE CULVERT REPLACEMENT

NE 165th Street, 275 feet west of 176th Avenue NE, east of the City of Woodinville

Department	Local Services	SPRS Goal	Preservation	Council District	3 - Perry
Fund	3855	Major Class of Work	Drainage Structure		
Cost Center	C85501	Functional Class	Urban Major Collector	Lat	47.74698
Award	119778	Tier	3	Long	-122.10592

Manager	Cassidy
Supervisor	Shular
Project Mgr.	Dulan

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design		(273,821)							0	(273,821)
3 - Final Design		630,821							0	630,821
4 - Implementation		1,200,000							0	1,200,000
5 - Closeout									0	0
6 - Acquisition	0	5,000							0	5,000
Annual Project Total	0	1,562,000	0	0	0	0	0	0	0	1,562,000

Revenue Sources

33341 - STPU ROAD GRANT		721,500								0
39721 - CONTRIB SURF WATER MGT		840,500								0
Annual Revenue Total	0	1,562,000	0	0	0	0	0	0	0	0

Scope

Replace the existing 24-inch culvert with a new concrete box culvert. This project has a fish benefit.

Justification

This project will increase the safety of vehicles and other road users in northeastern King County, improve the condition of the road system, and enhance fish passage by replacing a failing culvert with a new culvert designed to be fish passable.

NE 165th Street is a minor arterial connecting the City of Woodinville with Avondale Road NE. The culvert conveys an unnamed stream under NE 165th Street, and it is undersized and disjointed, causing flooding of public and private property, and needs to be replaced.

This is one of the early action projects funded with Surface Water Management fee funds. These early action projects were chosen due to the need to replace deteriorating culverts that was also seen as having a fish benefit. Over time, this project has been identified as having a lower habitat priority than was initially identified by the county's Fish Passage Program. However, this project is important to the unincorporated road system as the culvert is degraded and needs to be replaced to lessen the likelihood of road failure and damage to the stream corridor.

Status

Final design

1136237 RSD S 370TH STREET CULVERT REPLACEMENT

S 370th Street, east of Enchanted Parkway S, east of the City of Federal Way

Department	Local Services
Fund	3855
Cost Center	C85501
Award	119779

SPRS Goal	Preservation
Major Class of Work	Drainage Structure
Functional Class	Urban Local Access
Tier	5

Council District	7 - von Reichbauer
Lat	47.2701
Long	-122.30284

Manager	Cassidy
Supervisor	Shular
Project Mgr.	Dulan

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning									0	23,000
2 - Prelim Design		23,000							0	217,000
3 - Final Design		217,000							0	643,000
4 - Implementation						643,000			643,000	0
5 - Closeout									0	2,000
6 - Acquisition		2,000							0	
Annual Project Total	0	242,000	0	0	0	643,000	0	0	643,000	885,000

Revenue Sources

39721 - CONTRIB SURF WATER MGT		57,000							0	
39789 - CONTRIB REET #1		185,000				643,000			643,000	
Annual Revenue Total	0	242,000	0	0	0	643,000	0	0	643,000	

Scope

Replace the existing 36-inch corrugated metal culvert with a new concrete box culvert. This project has a fish benefit.

Justification

This project will increase the safety of vehicles and other road users in southwestern King County, improve the condition of the road system and enhance fish passage by replacing a failing culvert with a new culvert designed to be fish passable.

S 370th Street is a local road connecting Enchanted Parkway S and 290th Avenue S, east of Federal Way, and serves a neighborhood of residences. The culvert crossing on S 3704th Street is badly corroded and failing, and needs to be replaced.

Status

Preliminary design

1136239 RSD THOMAS ROAD SE AND SE 317TH PLACE - CULVERT REPLACEMENT

Thomas Road SE and SE 317th Place, about 0.24 mile north of Kent Black Diamond Road SE, and between the cities of Auburn, Black Diamond and Kent

Department	Local Services
Fund	3855
Cost Center	C85501
Award	119781

SPRS Goal	Preservation
Major Class of Work	Drainage Structure
Functional Class	Urban Major Collector
Tier	3

Council District	7 - von Reichbauer
Lat	47.31691
Long	-122.09741

Manager	Cassidy
Supervisor	Shular
Project Mgr.	Ufkes

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design		(22,000)							0	(22,000)
3 - Final Design		395,000							0	395,000
4 - Implementation						1,286,000			1,286,000	1,286,000
5 - Closeout									0	0
6 - Acquisition		52,000							0	52,000
Annual Project Total	0	425,000	0	0	0	1,286,000	0	0	1,286,000	1,711,000

Revenue Sources

39721 - CONTRIB SURF WATER MGT		147,000							0	
39789 - CONTRIB REET #1		278,000				1,286,000			1,286,000	
Annual Revenue Total	0	425,000	0	0	0	1,286,000	0	0	1,286,000	

Scope Replace two neighboring culverts with new concrete box culverts. This project has a fish benefit.

Justification This project will increase the safety of vehicles and other road users in southwestern King County, improve the condition of the road system, and enhance fish passage by replacing two failing culverts with new culverts designed to be fish passable.

Thomas Road SE is a minor arterial connecting Kent Black Diamond Road SE with SE Covington Sawyer Road, between the cities of Auburn/Kent and Black Diamond. The existing 24-inch concrete culvert crossing SE Thomas Road and the 24-inch corrugated metal pipe crossing SE 317th Place at SE Thomas Road convey an unnamed stream. They are undersized, causing flooding of public and private property which may lead to road failure, and need to be replaced. In addition, they do not have adequate cover to protect them from damage caused by vehicles.

This is one of the early action projects funded with Surface Water Management fee funds. These early action projects were chosen due to the need to replace deteriorating culverts that was also seen as having a fish benefit. Over time, this project has been identified as having a lower habitat priority than was initially identified by the county's Fish Passage Program. However, this project is important to the unincorporated road system as the culvert is degraded and needs to be replaced to lessen the likelihood of road failure and damage to the stream corridor.

Status Preliminary design

1136419 RSD SE 432ND STREET CULVERT REPLACEMENT

SE 432nd Street at house number 27609, just east of the City of Enumclaw

Department	Local Services
Fund	3855
Cost Center	C85501
Award	119838

SPRS Goal	Preservation
Major Class of Work	Drainage Structure
Functional Class	Urban Major Collector
Tier	5

Council District	9 - Dunn
Lat	47.21387
Long	-122.20502

Manager	Cassidy
Supervisor	Shular
Project Mgr.	Dulan

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design		0							0	0
3 - Final Design		57,000							0	57,000
4 - Implementation		1,554,140							0	1,554,140
5 - Closeout									0	0
6 - Acquisition		2,000							0	2,000
Annual Project Total	0	1,613,140	0	0	0	0	0	0	0	1,613,140

Revenue Sources

36999 - OTHER MISC REVENUE	2,000	0
39721 - CONTRIB SURF WATER MGT	661,140	0
42010 - WA STATE REC CONSRVTN OFFICE (RCO)	950,000	0

Annual Revenue Total	0	1,613,140	0	0	0	0	0	0	0	0
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Scope Replace two 48-inch diameter concrete culverts with new concrete culverts that will be fish passable. A corrugated polyethylene driveway pipe that is within the excavation area for the new cross culverts will also be replaced with a fish passable culvert.

Justification This project will increase the safety of vehicles and other road users in south King County, improve the condition of the road system and enhance fish passage by replacing two culverts crossing SE 432nd Street at house number 27609, and one nearby driveway pipe.

The existing drainage culverts convey Watercress Creek across SE 432nd Street, 650 west of the intersection with 284th Avenue SE, just east of the City of Enumclaw. They are undersized and a barrier to fish. The driveway pipe is located immediately northeast of the existing cross culverts and is on a small tributary to Watercress Creek, but it does not meet fish design criteria.

Removing the culverts on SE 432nd Street will improve salmon access to about 1.6 miles of habitat upstream. This location is one of the 50 highest scoring barriers in the inventory of more than 700-scored barriers by the King County Fish Passage Restoration Program.

This project supports the Road Services Division’s management of its drainage assets, and King County Executive Dow Constantine’s Clean Water and Healthy Habitat agenda. The investment to replace this culvert reflects the expansion of the culvert replacement and fish passage program in the 2023-2024 biennium which was collaboratively conceived with the Water and Land Resources Division.

The division’s top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. Replacing culverts that are in poor condition or undersized will help to mitigate risk of failure that can result in collapse of the roadway, landslides, flooding, damage to public and private property, and associated risks to life safety.

Another Strategic Plan priority is to preserve the roadway network. Replacing culverts which have reached the end of their useful life with new infrastructure designed to current standards will provide appropriate drainage functionality and mitigate risk.

Culvert replacement and fish passage projects are a primary way that Roads advances its environmental sustainability priorities. The proposed expansion for the fish passage program will increase the quantity of accessible habitat available to salmonid species and other species, while also improving water quality. Each fish passage project also results in improved surface water drainage, which in turn contributes to road safety for all users due to a lower likelihood of roadway flooding and improved road condition in the vicinity of each project location.

Status Final design

1139144 RSD SE REINIG ROAD DRAINAGE IMPROVEMENT CULVERT

SE Reinig Road near North Fork Road SE, east of the City of Snoqualmie

Department	Local Services
Fund	3855
Cost Center	C85501
Award	120760

SPRS Goal	Preservation
Major Class of Work	Drainage
Functional Class	Rural Minor Collector
Tier	3

Council District	3 - Perry
Lat	47.523
Long	-121.777

Manager	Cassidy
Supervisor	Shular
Project Mgr.	

2023-2024 Biennial - Ordinance #19546
2021-2022 Biennial - Ordinance #19210

Road Log	87280
BMP	1.510
EMP	1.530

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design		154,000							0	154,000
3 - Final Design		308,000							0	308,000
4 - Implementation		1,245,000							0	1,245,000
5 - Closeout		5,000							0	5,000
6 - Acquisition		55,000							0	55,000
Annual Project Total	0	1,767,000	0	0	0	0	0	0	0	1,767,000

Revenue Sources

33437 - RURAL ARTERIAL TRUST ACCT	1,465,000	0
39789 - CONTRIB REET #1	302,000	0
Annual Revenue Total	0	1,767,000

Scope

Increase the safety and condition of Reinig Road and enhance fish passage by replacing the existing 40-inch corrugated metal pipe which is undersized with a new culvert of fish passable design.

Justification

This project will provide for the safe and effective conveyance of surface water under the roadway, protect the road infrastructure from water damage, and allow migrating fish unimpeded access to habitat.

The project was identified through a comprehensive county effort to inventory, and field inspect all county drainage assets, assess risk and consequence of failure, and prioritize asset replacement to support implementation of a drainage asset management system. Thirty-three drainage assets were identified as critical in the Road Right-of-Way Drainage Trunk Line Assessment Report prepared by HDR and submitted to the King County Council in 2016. This project ranked in the top 33 most urgently needed replacements due to its high risk of failure based on the report of locational deficiencies and structural condition.

The existing culvert on SE Reinig Road near 428th Avenue SE is badly corroded, inadequately sized which restricts water flow and impacts fish migration, and causes annual flooding on nearby roadways and private property.

Since this crossing is upstream of the Snoqualmie Falls it is not accessible by salmon and does not rate highly in the county's Fish Passage Program.

Status

Planning

1139811 RSD SE 384TH STREET DRAINAGE IMPROVEMENT CULVERT

SE 384th Street, between 176th Avenue SE and SE 380th Place, east of the City of Auburn

Department	Local Services
Fund	3855
Cost Center	C85501
Award	121048

SPRS Goal	Preservation
Major Class of Work	Drainage
Functional Class	Rural Collector
Tier	3

Council District	7 - Von Reichbauer
Lat	47.258
Long	-122.115

Manager	Cassidy
Supervisor	Shular
Project Mgr.	Ufkes

2021 2nd Omnibus - Ordinance #19364
2021-2022 Biennial - Ordinance #19210

Road Log	31500
BMP	1.210
EMP	1.290

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design	59,265	40,736							0	100,001
3 - Final Design		220,000							0	220,000
4 - Implementation		907,000							0	907,000
5 - Closeout		5,000							0	5,000
6 - Acquisition	15	74,985							0	75,000
Annual Project Total	59,280	1,247,721	0	0	0	0	0	0	0	1,307,001

Revenue Sources

30800 - BUDGETED FUND BALANCE	5,928	94,073								0
33437 - RURAL ARTERIAL TRUST ACCT	53,352	753,648								0
39789 - CONTRIB REET #1	0	400,000								0
Annual Revenue Total	59,280	1,247,721	0	0	0	0	0	0	0	0

Scope

Increase the safety and condition of SE 384th Street and enhance fish passage by replacing the undersized culvert with a new culvert of fish passable design.

Justification

This project will complement flood reduction funding approved by the King County Flood Control District to remove undersized culverts on Charlie Jones Creek in and around Muckleshoot Indian reservation lands. Roads and the District have partnered together on identifying projects to address locations where recurring flood events have impacted or have the potential to impact local communities, and Roads has a countywide program to implement these projects (1131333 RSD CWP FLOOD CONTROL DISTRICT).

The District's and Roads' 6-year CIP programs include funds for Road Services to address two nearby culverts at SE 384th Street at 176th Avenue SE (FCD project WLFL9 CHARLIE JONES DS CULVERT), which is about one quarter mile east of this project, and at SE 380th Place and SR 164 (FCD project WLFL9 CHARLIE JONES US CULVERT), which is about one mile east. This undersized culvert on SE 384th Street restricts flow which causes flooding to regularly occur on numerous surrounding properties and the roadway.

This existing culvert also impacts fish migration. Replacing this culvert with a fish passable structure will remove one of the last known impediments along this stream and will also complement other investments for in-stream habitat improvements made near this project.

Status

Preliminary design

1140905 RSC 17401 SE 240TH STREET - CULVERT REPLACEMENT - FISH PASSAGE

17401 SE 240th Street, between the cities of Covington and Kent

Department	Local Services
Fund	3855
Cost Center	C85501
Award	121459

SPRS Goal	Preservation
Major Class of Work	Drainage Structure
Functional Class	Urban Minor Arterial
Tier	2

Council District	9 - Dunn
Lat	47.38649
Long	-122.109977

Manager	Cassidy
Supervisor	Shular
Project Mgr.	Dulan

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning									0	
2 - Prelim Design		(17,000)							0	(17,000)
3 - Final Design		1,084,000							0	1,084,000
4 - Implementation		442,000		3,772,000					3,772,000	4,214,000
5 - Closeout										
6 - Acquisition										
Annual Project Total	0	1,509,000	0	3,772,000	0	0	0	0	3,772,000	5,281,000

Revenue Sources

39721 - CONTRIB SURF WATER MGT		1,509,000		3,772,000					3,772,000	
Annual Revenue Total	0	1,509,000	0	3,772,000	0	0	0	0	3,772,000	

Scope Replace a 36-inch concrete culvert with a new structure that will be fish passable.

Justification

This project will increase the safety of vehicles and other road users in southern King County, improve the condition of the road system and enhance fish passage by replacing this culvert with a new fish passable structure.

SE 240th Street is a major arterial between the cities of Covington and Kent and connects to State Route 18. The culvert carries Little Soos Creek under the road and has become separated and is undersized and needs to be replaced. In addition, the culvert a barrier to salmon.

Replacing the culvert on SE 240th Street will improve salmon access to about 0.77 mile of habitat upstream. This location is one of the 50 highest scoring barriers in the inventory of more than 700-scored barriers by the King County Fish Passage Restoration Program.

This project supports the Road Services Division’s management of its drainage assets, and King County Executive Dow Constantine’s Clean Water and Healthy Habitat agenda. The investment to replace this culvert reflects the expansion of the culvert replacement and fish passage program in the 2023-2024 biennium which was collaboratively conceived with the Water and Land Resources Division.

The division’s top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. Replacing culverts that are in poor condition or undersized will help to mitigate risk of failure that can result in collapse of the roadway, landslides, flooding, damage to public and private property, and associated risks to life safety.

Another Strategic Plan priority is to preserve the roadway network. Replacing culverts which have reached the end of their useful life with new infrastructure designed to current standards will provide appropriate drainage functionality and mitigate risk.

Culvert replacement and fish passage projects are a primary way that Roads advances its environmental sustainability priorities. The proposed expansion for the fish passage program will increase the quantity of accessible habitat available to salmonid species and other species, while also improving water quality. Each fish passage project also results in improved surface water drainage, which in turn contributes to road safety for all users due to a lower likelihood of roadway flooding and improved road condition in the vicinity of each project location.

Status Preliminary design

1140906 RSD 156TH AVENUE SE & SE 240TH STREET - CULVERT REPLACEMENT - FISH PASSAGE

156th Avenue SE and SE 240th Street, east of the City of Kent

Department	Local Services
Fund	3855
Cost Center	C85501
Award	121460

SPRS Goal	Preservation
Major Class of Work	Drainage Structure
Functional Class	Urban Minor Arterial
Tier	2

Council District	9 - Dunn
Lat	47.38691
Long	-122.133539

Manager	Cassidy
Supervisor	Shular
Project Mgr.	Dulan

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design		240,000							0	240,000
3 - Final Design		760,000							0	760,000
4 - Implementation				3,070,000					3,070,000	3,070,000
5 - Closeout										
6 - Acquisition										
Annual Project Total	0	1,000,000	0	3,070,000	0	0	0	0	3,070,000	4,070,000

Revenue Sources

39721 - CONTRIB SURF WATER MGT		100,000							0	
39789 - CONTRIB REET #1		900,000		3,070,000					3,070,000	
Annual Revenue Total	0	1,000,000	0	3,070,000	0	0	0	0	3,070,000	

Scope

Replace three culverts with new concrete box culverts. This project has a fish benefit.

Justification

This project will increase the safety of vehicles and other road users in southern King County, improve the condition of the road system, and enhance fish passage by replacing undersized concrete culverts with a new culvert designed to be fish passable.

SE 240th Street is a major arterial connecting the cities of Black Diamond, Covington and Kent. The existing culverts at 156th Avenue SE convey an unnamed stream under the road. They need to be replaced because they are undersized and separated causing flooding of public and private property, and sink holes are developing in the roadway.

This is one of the early action projects funded with Surface Water Management fee funds. These early action projects were chosen due to the need to replace deteriorating culverts that was also seen as having a fish benefit. Over time, this project has been identified as having a lower habitat priority than was initially identified by the county's Fish Passage Program. However, this project is important to the unincorporated road system as the culvert is degraded and needs to be replaced to lessen the likelihood of road failure and damage to the stream corridor.

Status

Preliminary design

1143968 RSD AVONDALE ROAD NE AND NE 128TH WAY PAVEMENT PRESERVATION

Avondale Road NE, from the northern edge of Bear Creek Bridge #52E NE to NE 128th Way, northeast of the City of Redmond

Department	Local Services
Fund	3855
Cost Center	C85501
Award	122511

SPRS Goal	Preservation
Major Class of Work	HMA - HMA Overlay/Grind-inlay, etc.
Functional Class	Urban Principal Arterial
Tier	1

Council District	3 - Perry
Lat	47.707
Long	-122.090

Manager	Archuleta
Supervisor	McManus
Project Mgr.	Mott

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design			0						0	0
3 - Final Design			0						0	0
4 - Implementation			0						0	0
5 - Closeout			0						0	0
6 - Acquisition										
Annual Project Total	0	0	0	0	0	0	0	0	0	0

Revenue Sources

33341 - STPU ROAD GRANT	0	0
39782 - CONTRIB COUNTY ROAD FUND	0	0

Annual Revenue Total	0	0	0	0	0	0	0	0	0	0
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Scope Overlay approximately 0.6 mile of Avondale Road NE, from the northern edge of Bear Creek Bridge #52E NE to NE 128th Way. In addition, non-motorized enhancements will be included, including but not limited to, upgrading pedestrian pushbuttons, striping bicycle lanes, and adding bicycle lane symbols and bicycle signal detector loops with signals on Avondale Road NE.

Justification One of the division’s priorities in the 2014 Strategic Plan for Road Services is to preserve the roadway network in unincorporated King County. This project will maintain and preserve the network by rehabilitating this section of Avondale Road NE.

Avondale Road NE connects the cities of Woodinville, Duvall and Redmond, as well as other communities in northeastern King County. It is a principal arterial, carrying an average Daily Traffic of 24,500 with 9 percent truck traffic.

The condition of Avondale Road NE is poor and applying a timely preservation treatment – overly – will improve the road’s functional performance, address its deterioration and extend its useful life.

Road Services has applied for a Surface Transportation Program grant to design and construct the project.

Status Closed

1143973 RSD BERRYDALE OVERCROSSING BRIDGE #3086OX REPLACEMENT AND CORRIDOR IMPROVEMENTS

Kent-Black Diamond Road SE over BNSF Rail Line, and at the intersections of SE 290th Street and at SE 292nd Street, east of the City of Auburn

Department	Local Services
Fund	3865
Cost Center	C86501
Award	122516

SPRS Goal	Safety
Major Class of Work	Bridge
Functional Class	Urban Minor Arterial
Tier	1

Council District	7 - von Reichbauer
Lat	47.341
Long	-122.131

Manager	Jaramillo
Supervisor	Jose
Project Mgr.	Jose

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design		1,098,900							0	1,098,900
3 - Final Design		2,564,100							0	2,564,100
4 - Implementation		37,000							0	37,000
5 - Closeout										
6 - Acquisition										
Annual Project Total	0	3,700,000	0	0	0	0	0	0	0	3,700,000

Revenue Sources

33341 - STPU ROAD GRANT		3,700,000							0	
Annual Revenue Total	0	3,700,000	0	0	0	0	0	0	0	0

Scope Replace Berrydale Bridge #3086OX, which is structurally deficient and functionally obsolete. The project will also construct two roundabouts at each end of the bridge on Kent-Black Diamond Road SE, at SE 290th Street and at SE 292nd Street, and replace a fish barrier culvert over Jenkins Creek within the project corridor.

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-benefit project will improve the safety of road users in southeastern King County by upgrading interconnected bridge, drainage, and roadway infrastructure. It will also clear railroad right-of-way for safer rail traffic.

Berrydale Bridge #3086OX carries Kent-Black Diamond Road SE over a BNSF Railroad line. Kent-Black Diamond Road SE is a major arterial and serves an average daily traffic count of approximately 7,310 vehicles per day; truck traffic consists of more than 10 percent of this average. It is designated as a T3 freight route, carrying between 300,000 and 4 million tons of freight annually. Kent-Black Diamond Road SE connects the City of Black Diamond and other communities in southeastern King County to the cities of Auburn and Kent, and State Route 18, and is a designated lifeline route.

The existing Berrydale Bridge is categorized as structurally deficient with a sufficiency rating of 20.69 out of a possible score of 100 (a bridge in new condition). The bridge is past its useful life and requires frequent, major and costly repairs. Originally built in 1931, it was rehabilitated in 1966 with a new deck. The substructure consists of timber posts which are as old as 1931 and are treated with creosote. It has been repaired in the past by removing portions of column posts, adding helper posts, and steel banding to the splitting columns posts.

The bridge is located on a vertical curve and the sight distance over the bridge is insufficient for drivers, increasing the probability of collisions. The existing bridge is narrow with a 22 feet wide curb-to-curb width and there are no shoulders nor facilities for pedestrian or bicycle use. It also has deficient bridge rails and approach guardrails.

The existing bridge has five timber spans with supporting components located within the railroad right-of-way. The vertical clearance over the railway is below federal standards and the supporting components do not have standard protections, putting the bridge at risk of collapse if a train were derailed.

1143973 RSD BERRYDALE OVERCROSSING BRIDGE #3086OX REPLACEMENT AND CORRIDOR IMPROVEMENTS

Kent-Black Diamond Road SE over BNSF Rail Line, and at the intersections of SE 290th Street and at SE 292nd Street, east of the City of Auburn

The existing Jenkins Creek culvert consists of two 6-foot by 6-foot concrete box openings that is considered a fish barrier.

A planning level feasibility analysis completed in 2021 determined that a 160-foot-long, 38-foot-wide replacement bridge will be necessary to clear the railroad right-of-way. The proposed new roadway width will allow for two 11-foot lanes and the addition of two shoulders to accommodate pedestrians and bicyclists. The bridge will also be shifted slightly northeast from its current location to allow for the busy road to remain open during construction. The existing 12-foot Jenkins Creek culvert will be replaced with a new 51-foot-long bridge which will be designed and constructed to fish passable standards, improving the performance of the culvert and reducing the risks for neighborhood flooding.

Constructing roundabouts at two intersections is an innovative design that reduces the design operating speed through the corridor and thus significantly reducing the amount of roadway modifications, the need for additional right-of-way on Kent-Black Diamond Road SE and other design elements. The addition of the roundabouts is intended to lower vehicular speed over the bridge, improving drivers' sight distance conditions across the bridge. The roundabouts also provide the ancillary benefits of improving traffic safety and traffic operation at the intersections of SE 290th Street and SE 292nd Street, which are less than ideal.

Road Services has received a Surface Transportation Program grant to design the project.

Status

New in 2023

1143978 RSD CAMELOT ELEMENTARY SCHOOL IMPROVEMENTS

North side of S 298th Street, between Camelot Elementary School at 4041 S 298th Street and 36th Place S, east of the City of Federal Way

Department	Local Services
Fund	3865
Cost Center	C86501
Award	122521

SPRS Goal	Safety
Major Class of Work	Sidewalks
Functional Class	Urban Local Access
Tier	3

Council District	7 - von Reichbauer
Lat	47.33488
Long	-122.28477

Manager	Archuleta
Supervisor	McManus
Project Mgr.	

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design			0						0	0
3 - Final Design			0						0	0
4 - Implementation			0						0	0
5 - Closeout			0						0	0
6 - Acquisition										
Annual Project Total		0	0	0	0	0	0	0	0	0

Revenue Sources

33436 - WA ST DEPT TRANSPORTATION	0	0
39782 - CONTRIB COUNTY ROAD FUND	0	0

Annual Revenue Total	0	0	0	0	0	0	0	0	0	0
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Scope

Design and construct approximately 615 feet of sidewalk on the north side of S 298th Street between Camelot Elementary School at 4041 S 298th Street and 36th Place S.

Justification

The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. This project will help improve the safety of pedestrians and other road users in unincorporated King County.

An extruded curb along the north side of 298th Street restricts where parents and guardians in their vehicles can wait for children attending Camelot Elementary School, which is located between the cities of Auburn and Federal Way. Waiting vehicles block through traffic and other drivers become impatient on S 298th Street, increasing their willingness for risk-taking behavior. Congestion and drivers risk-taking behavior at 37th Avenue S, just east of the school, may threaten the safety of pedestrians crossing 37th Avenue S at S 298th Street. Constructing a new sidewalk will remove the extruded curb, creating an area for vehicles to queue. Traffic will flow on S 298th Street without significant delay. The safety of pedestrians crossing S 298th Street will increase with improved sight lines and more predictable driver behavior.

Road Services has applied for a Washington State Department of Transportation for a Safe Routes to School grant to design and construct the project.

Status

Closed

1144162 RSD 24219 NE 80TH STREET CULVERT REPLACEMENT

NE 80th Street near house 24219, east of the City of Redmond

Department	Local Services
Fund	3855
Cost Center	C85501
Award	122558

SPRS Goal	Preservation
Major Class of Work	Fish Passage
Functional Class	Urban Local Access
Tier	4

Council District	3 - Perry
Lat	47.675
Long	-122.015

Manager	Cassidy
Supervisor	Shular
Project Mgr.	

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design			0						0	0
3 - Final Design			0						0	0
4 - Implementation			0			(3,472,000)			(3,472,000)	(3,472,000)
5 - Closeout										
6 - Acquisition										
Annual Project Total	0	0	0	0	0	(3,472,000)	0	0	(3,472,000)	(3,472,000)

Revenue Sources

39789 - CONTRIB REET #1			0			(3,472,000)			(3,472,000)	
Annual Revenue Total	0	0	0	0	0	(3,472,000)	0	0	(3,472,000)	

Scope

Replace three existing culverts with a new structure. This project has a fish benefit.

Justification

This project will increase the safety of vehicles and other road users in northern King County, improve the condition of the road system and enhance fish passage by replacing three culverts on NE 80th Street.

NE 80th Street is sole access road serving a large neighborhood off Redmond Ridge DR NE, east of the City of Redmond. The culverts convey Evans Creek under the roadway. Each culvert is 18 inches in diameter and two are comprised of concrete and one of steel. The culverts are extremely undersized, and in addition to beaver activity in the area, causing frequent flooding over the roadway.

Recent maintenance activity extending the life of the culverts has resulted in a Washington State Department of Fish and Wildlife regulatory requirement to replace the culverts with new culverts of fish passable design. This project has a lower habitat priority score than other projects in the county's Fish Passage Program. However, this project is important to meeting regulatory requirements to maintain Road Services' good standing with the state, and to the unincorporated road system as the culverts are degraded and need to be replaced to lessen the likelihood of road failure and damage to the stream corridor. In addition, as this section of NE 80th Street is a sole access road, it needs to be kept open to protect the health and safety of residents served by it.

Status

Deferred

1144322 RSD 185TH AVENUE NE AT NE 179TH STREET CULVERT CONSTRUCTION

185th Avenue NE and NE 179th Avenue, east of the city of Woodinville

Department	Local Services
Fund	3865
Cost Center	C86501
Award	122663

SPRS Goal	Safety
Major Class of Work	Bridge
Functional Class	Urban Local Access
Tier	4

Council District	3 - Perry
Lat	47.757
Long	-122.093

Manager	Jaramillo
Supervisor	Truong
Project Mgr.	Premachandra

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design		645,304							0	645,304
3 - Final Design		1,489,376							0	1,489,376
4 - Implementation		5,081,396							0	5,081,396
5 - Closeout									0	0
6 - Acquisition		5,000							0	5,000
Annual Project Total	0	7,221,076	0	0	0	0	0	0	0	7,221,076

Revenue Sources

39719 - CONTRIB FLOOD CONTROL ZONE DT		2,050,000								0
39721 - CONTRIB SURF WATER MGT		1,472,000								0
39782 - CONTRIB COUNTY ROAD FUND		3,180,571								0
39789 - CONTRIB REET #1		518,505								0
Annual Revenue Total	0	7,221,076	0	0	0	0	0	0	0	0

Scope

Replace an undersized and deteriorated 49-foot-long 36-inch corrugated aluminum culvert with a bridge that will be fish passable.

Justification

This project will increase the safety of vehicles and other road users in northeastern King County, improve the condition of the road system, reduce roadway flooding which isolates residents in the neighborhood west of Cottage Lake, and enhance fish passage by replacing a failing culvert with a bridge designed to current standards and specifications.

185th Avenue NE is a sole access road for approximately 175 homes west of Cottage Lake. It connects to the cities of Duvall and Woodinville via NE Woodinville Duvall Road. Due to the size and the condition of the current culvert, 185th Avenue NE frequently floods and ices, isolating the neighborhood.

The existing culvert that conveys Daniels Creek under 185th Avenue at 179th Street is a partial fish barrier. Removing the culvert will improve salmon access to a total of about 6.5 miles of upstream habitat and restore unimpeded salmon access to about 0.5 mile of habitat upstream to the next partial fish barrier (which is another high scoring barrier slated for remedy in 2029). This location is one of the 50 highest scoring barriers in the inventory of more than 700-scored barriers by the King County Fish Passage Restoration Program.

This project supports the Road Services Division’s management of its drainage assets, and King County Executive Dow Constantine’s Clean Water and Healthy Habitat agenda. The investment to replace this culvert reflects the expansion of the culvert replacement and fish passage program in the 2023-2024 biennium which was collaboratively conceived with the Water and Land Resources Division.

The division’s top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. Replacing culverts that are in poor condition or undersized will help to mitigate risk of failure that can result in collapse of the roadway, landslides, flooding, damage to public and private property, and associated risks to life safety.

Another Strategic Plan priority is to preserve the roadway network. Replacing culverts which have reached the end of their useful life with new infrastructure designed to current standards will provide appropriate drainage functionality and mitigate risk.

1144322 RSD 185TH AVENUE NE AT NE 179TH STREET CULVERT CONSTRUCTION

185th Avenue NE and NE 179th Avenue, east of the city of Woodinville

Culvert replacement and fish passage projects are a primary way that Roads advances its environmental sustainability priorities. The proposed expansion for the fish passage program will increase the quantity of accessible habitat available to salmonid species and other species, while also improving water quality. Each fish passage project also results in improved surface water drainage, which in turn contributes to road safety for all users due to a lower likelihood of roadway flooding and improved road condition in the vicinity of each project location.

The Concept Development Report, which is nearly complete, recommends replacing the existing culvert on 185th Avenue at 179th Street with a bridge and raising the roadway above the 100-year flood elevation.

Road Services has applied for a Flood Reduction grant to construct the project.

Status

New in 2023

1146426 RSD SE MUD MOUNTAIN CULVERT

SE Mud Mountain Road, about 0.1 mile east of the intersection of 260th Avenue SE, south of the City of Enumclaw

Department	Local Services
Fund	3865
Cost Center	C86501
Award	

SPRS Goal	Safety
Major Class of Work	Bridge
Functional Class	Rural Local Access
Tier	5

Council District	9 - Dunn
Lat	47.173
Long	-121.993

Manager	Jaramillo
Supervisor	Truong
Project Mgr.	Premachandra

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design		452,000								
3 - Final Design		918,247								
4 - Implementation		13,753							0	13,753
5 - Closeout										
6 - Acquisition		5,000								
Annual Project Total	0	1,389,000	0	0	0	0	0	0	0	13,753

Revenue Sources

39789 - CONTRIB REET #1		1,389,000							0	
Annual Revenue Total	0	1,389,000	0	0	0	0	0	0	0	

Scope

Replace a 48-inch corrugated steel pipe with a bridge which will be fish passable.

Justification

This project will increase the safety of vehicles and other road users in southeast King County, improve the condition of the road system, and enhance fish passage by replacing a failing culvert with a bridge designed to current standards and specifications.

SE Mud Mountain Road is a two-lane local road connecting Enumclaw-Buckley Road SE (State Route 410) to SE Enumclaw-Chinook Pass Road (also State Route 410). The existing culvert is located about 0.1 mile east of the intersection with 260th Avenue SE, just south of the City of Enumclaw. It carries an unnamed tributary to the White River and is the most downstream barrier on the stream. Replacing the culvert with a bridge will improve salmon access to about 6.9 miles of habitat upstream. This location is tied with two others for the 29th highest priority for replacement in the inventory of 954-scored barriers by the King County Fish Passage Restoration Program.

In addition to the habitat benefits, the culvert needs to be replaced because of its poor condition. Stream flow under the culvert is visible due to the corrosion of the asset, which may lead to the road collapsing. In addition, the existing flow channel at the upstream inlet is causing stream bank scour which is threatening nearby properties.

This project supports the Road Services Division's drainage asset management and King County Executive Dow Constantine's Clean Water and Healthy Habitat agenda.

Culverts that are in poor condition or undersized pose a risk of failure that can result in collapse of the roadway, landslides, flooding, damage to public and private property, and associated risks to life safety. When culverts reach the end of their life cycle, they need to be replaced with new infrastructure designed to current standards in order to mitigate risk and provide appropriate drainage functionality. If culverts are barriers to fish passage and have a high priority for species of concern they may also be replaced regardless of condition in support of the Clean Water and Healthy Habitat initiative.

1146426 RSD SE MUD MOUNTAIN CULVERT

SE Mud Mountain Road, about 0.1 mile east of the intersection of 260th Avenue SE, south of the City of Enumclaw

Culverts that are not designed to be fish passable standards block access to important upstream habitat necessary for the sustainability of fish species. Roads' proposed Culvert Replacement and Fish Passage project is one component of Executive Constantine's broader county fish passage program (led by the Water and Land Resources Division), which complements the county's collaboration with tribal governments and long-standing support for watershed-based salmon recovery efforts. The county-initiated work with federal, state, and tribal officials to develop a fish passage program for watersheds. Originally conceived in late 2017, the program took on greater meaning following a June 2018 U.S. Supreme Court ruling that required the state of Washington to fix state-owned fish passage barriers within the Puget Sound area in order to avoid violating tribal treaty rights.

Status

Planned to start in 2024

TBD **Proposed REET #1 Reduction**

Department	Local Services	SPRS Goal		Council District	
Fund		Major Class of Work		TBM	
Cost Center		Functional Class		Lat	
Award		Tier		Long	
Manager					
Supervisor					
Project Mgr.					

Appropriated and Planned

Phase	Prior Years Expenditures	2023 Budget	2024 Planned	2025	2026	2027	2028	2029	Total 2024-2029	Phase Total
1 - Planning										
2 - Prelim Design										
3 - Final Design										
4 - Implementation									0	0
5 - Closeout										
6 - Acquisition										
Annual Project Total	0	(322,000)		0	0	0	0	0	(322,000)	0

Revenue Sources

39789 - CONTRIB REET #1		(322,000)							0	
Annual Revenue Total	0	(322,000)	0	0	0	0	0	0	0	0

Scope Reduce REET #1 funding by \$322,000. Project from which funding will be reduced will be decided during the Executive review phase before the 2023 2nd Omnibus is transmitted to the Metropolitan King County Council the first week of October.

Justification The county's 2023-2024 biennial budget allocated all the REET projected in the August 2022 Office of Economic and Financial Analysis (OEFA) forecast. However, the March 2023 OEFA forecast includes reductions for REET 1 and 2 forecasts for 2022, 2023 and 2024. To maintain a balanced 6-year CIP, county agencies that receive REET monies have been asked to propose reductions in the 2023 2nd Omnibus to close the revenue gap.

Road Services proposed to reduce REET #1 funding to 1138918 16th Avenue Pedestrian Improvements (1st choice) or 1138913 Boise X Connection Bridge #3055A Replacement (2nd choice).

Status N/A

2024 Proposed Budget - Revenue totals for Fund 3855 County Road Major Maintenance

	Prior Years Expenditures	2023	2024							Totals	
			Proposed	2025	2026	2027	2028	2029	2024 - 2029	Source Total	
30800 BUDGETED FUND BALANCE	35,331,142	2,895,020	0	0	0	0	0	0	0	0	38,226,162
33440 TRANSPORTATION IMPROVEMENT (TIB)	0	1,614,085	0	0	0	0	0	0	0	0	1,614,085
33341 STPU ROAD GRANT	6,766,695	23,575,400	0	0	0	0	0	0	0	0	30,342,095
33437 RURAL ARTERIAL TRUST ACCT	1,112,051	5,447,573	0	0	0	0	0	0	0	0	6,559,624
36999 OTHER MISC REVENUE	0	2,000	0	0	0	0	0	0	0	0	2,000
39113 GENERAL OBLIGATION BONDS	0	6,706,000	0	0	0	0	0	0	0	0	6,706,000
39721 CONTRIB SURF WATER MGT	3,752,182	9,154,458	0	20,353,000	0	12,297,000	0	27,349,000	59,999,000	72,905,640	
39780 CONTRIBUTION - CURRENT EXPENSE	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
39782 CONTRIB COUNTY ROAD FUND	0	8,275,938	0	2,427,214	2,500,031	2,575,032	2,652,283	0	10,154,560	18,430,498	
39789 CONTRIB REET #1	5,179,275	7,000,912	(1,389,000)	7,012,000	0	1,516,500	0	0	7,139,500	19,319,687	
39796 CONTRIB OTHER FUNDS	0	0	0	1,802,500	1,856,575	1,912,272	1,969,640	0	7,540,987	7,540,987	
42010 WA STATE REC CONSRVTN OFFICE (RCO)	0	950,000	0	0	0	0	0	0	0	950,000	
433667 ROAD CONSTRUCT OTHER GOVT	9,000	0	0	0	0	0	0	0	0	9,000	
Total	56,150,345	65,621,386	(1,389,000)	31,594,714	4,356,606	18,300,804	4,621,923	27,349,000	84,834,047	206,605,778	

2024 Proposed Budget - Revenue totals for Fund 3865 King County Road Construction

	Prior Years Expenditures	2023	2024							Totals	
			Proposed	2025	2026	2027	2028	2,029	2024 - 2029	Source Total	
30800 BUDGETED FUND BALANCE	125,829	614,171	0	0	0	0	0	0	0	0	740,000
33341 STPU ROAD GRANT	0	3,700,000	0	0	0	0	0	0	0	0	3,700,000
33436 WA ST DEPT TRANSPORTATION	0	800,000	0	0	0	0	0	0	0	0	800,000
39719 CONTRIB FLOOD CONTROL ZONE DT	0	2,050,000	0	0	0	0	0	0	0	0	2,050,000
39721 CONTRIB SURF WATER MGT	0	1,472,000	0	0	0	0	0	0	0	0	1,472,000
39782 CONTRIB COUNTY ROAD FUND	0	3,659,539	0	0	0	0	0	0	0	0	3,659,539
39789 CONTRIB REET #1	0	518,505	1,389,000	0	0	0	0	0	1,389,000	1,907,505	
Total	125,829	12,814,215	1,389,000	0	0	0	0	0	1,389,000	14,329,044	

2024 Proposed Budget - Revenue totals for Fund 3855 County Road Major Maintenance and Fund 3865 King County Road Construction

	Prior Years Expenditures	2023 Existing Budget	2024							Totals	
			Proposed	2025	2026	2027	2028	2,029	2024 - 2029	Source Total	
Total	56,276,174	78,435,601	0	31,594,714	4,356,606	18,300,804	4,621,923	27,349,000	86,223,047	220,934,822	

2024 Proposed Budget - Revenue totals for Fund 3855 County Road Major Maintenance

	Prior Years Expenditures	2023 Existing Budget	2024 Proposed	2025	2026	2027	2028	2029	Totals 2024 - 2029	Source Total
30800 BUDGETED FUND BALANCE										
1129585 Countywide Roadway Preservation Program	34,239,884	2,968,947	0	0	0	0	0	0	0	37,208,831
1134093 Countywide Traffic Safety Program	897,070	(168,000)	0	0	0	0	0	0	0	729,070
1135998 Ames Lake Trestle Bridge #1320A Replacement	188,260	0	0	0	0	0	0	0	0	188,260
1139811 RSD SE 384TH STREET DRAINAGE IMPROVEMENT CULVERT	5,928	94,073	0	0	0	0	0	0	0	100,001
Total	35,331,142	2,895,020	0	0	0	0	0	0	0	38,226,162
33440 TRANSPORTATION IMPROVEMENT (TIB)										
1129585 Countywide Roadway Preservation Program	0	1,614,085	0	0	0	0	0	0	0	1,614,085
Total	0	1,614,085	0	0	0	0	0	0	0	1,614,085
33341 STPU ROAD GRANT										
1129583 Grant Contingency Project for Fund 3855	0	20,849,583	0	0	0	0	0	0	0	20,849,583
1129585 Countywide Roadway Preservation Program	6,766,695	2,004,317	0	0	0	0	0	0	0	8,771,012
1136236 NE 165th Street at 176th Avenue NE Culvert Replacement	0	721,500	0	0	0	0	0	0	0	721,500
1143968 Avondale Road NE And NE 128th Way Pavement Preservation	0	0	0	0	0	0	0	0	0	0
Total	6,766,695	23,575,400	0	0	0	0	0	0	0	30,342,095
33437 RURAL ARTERIAL TRUST ACCT										
1129585 Countywide Roadway Preservation Program	0	1,687,624	0	0	0	0	0	0	0	1,687,624
1135998 Ames Lake Trestle Bridge #1320A Replacement	1,058,699	1,541,301	0	0	0	0	0	0	0	2,600,000
1139144 RSD SE REINIG ROAD DRAINAGE IMPROVEMENT CULVERT	0	1,465,000	0	0	0	0	0	0	0	1,465,000
1139811 RSD SE 384TH STREET DRAINAGE IMPROVEMENT CULVERT	53,352	753,648	0	0	0	0	0	0	0	807,000
Total	1,112,051	5,447,573	0	0	0	0	0	0	0	6,559,624
36999 OTHER MISC REVENUE										
1136419 SE 432nd Street Culvert Replacement	0	2,000	0	0	0	0	0	0	0	2,000
Total	0	2,000	0	0	0	0	0	0	0	2,000
39113 GENERAL OBLIGATION BONDS										
1134093 Countywide Traffic Safety Program		(1,000,000)	0	0	0	0	0	0	0	(1,000,000)
1135998 Ames Lake Trestle Bridge #1320A Replacement		7,706,000	0	0	0	0	0	0	0	7,706,000
Total	0	6,706,000	0	0	0	0	0	0	0	6,706,000

2024 Proposed Budget - Revenue totals for Fund 3855 County Road Major Maintenance

		Prior Years Expenditures	2023 Existing Budget	2024 Proposed	2025	2026	2027	2028	2029	Totals 2024 - 2029	Source Total
39721	CONTRIB SURF WATER MGT										
1135045	Countywide Culvert Replacement Fish Passage	3,752,182	5,145,818	0	16,581,000	0	12,297,000	0	27,349,000	56,227,000	65,125,000
1136232	NE 128th Way Culvert Replacement	0	362,000	0	0	0	0	0	0	0	362,000
1136235	Avondale Road NE at NE 144th Place Culvert Replacement	0	332,000	0	0	0	0	0	0	0	332,000
1136236	NE 165th Street at 176th Avenue NE Culvert Replacement	0	840,500	0	0	0	0	0	0	0	840,500
1136237	S 370th Street Culvert Replacement	0	57,000	0	0	0	0	0	0	0	57,000
1136239	Thomas Road SE and SE 317th Place - Culvert Replacement - Fish Passage	0	147,000	0	0	0	0	0	0	0	147,000
1136419	SE 432nd Street Culvert Replacement	0	661,140	0	0	0	0	0	0	0	661,140
1140905	17401 SE 240th Street - Culvert Replacement - Fish Passage	0	1,509,000	0	3,772,000	0	0	0	0	3,772,000	5,281,000
1140906	156th Avenue SE & SE 240th Street - Culvert Replacement - Fish Passage	0	100,000	0	0	0	0	0	0	0	100,000
	Total	3,752,182	9,154,458	0	20,353,000	0	12,297,000	0	27,349,000	59,999,000	72,905,640
39780	CONTRIBUTION - CURRENT EXPENSE										
1129585	Countywide Roadway Preservation Program	4,000,000	0	0	0	0	0	0	0	0	4,000,000
	Total	4,000,000	0	0	0	0	0	0	0	0	4,000,000
39782	CONTRIB COUNTY ROAD FUND										
1129583	Grant Contingency Project for Fund 3855	0	750,000	0	0	0	0	0	0	0	750,000
1129585	Countywide Roadway Preservation Program	0	4,650,218	0	2,427,214	2,500,031	2,575,032	2,652,283	0	10,154,560	14,804,778
1134093	Countywide Traffic Safety Program	0	2,669,880	0	0	0	0	0	0	0	2,669,880
1135998	Ames Lake Trestle Bridge #1320A Replacement	0	205,840	0	0	0	0	0	0	0	205,840
1143968	Avondale Road NE And NE 128th Way Pavement Preservation	0	0	0	0	0	0	0	0	0	0
	Total	0	8,275,938	0	2,427,214	2,500,031	2,575,032	2,652,283	0	10,154,560	18,430,498

2024 Proposed Budget - Revenue totals for Fund 3855 County Road Major Maintenance

	Prior Years Expenditures	2023 Existing Budget	2024 Proposed	2025	2026	2027	2028	2029	Totals 2024 - 2029	Source Total
39789 CONTRIB REET #1										
1129585 Countywide Roadway Preservation Program	4,701,325	1,920,912	0	3,942,000	0	3,059,500	0	0	7,001,500	13,623,737
1134093 Countywide Traffic Safety Program	477,950	0	0	0	0	0	0	0	0	477,950
1136232 NE 128th Way Culvert Replacement	0	650,000	0	0	0	0	0	0	0	650,000
1136235 Avondale Road NE at NE 144th Place Culvert Replacement	0	1,298,000	0	0	0	0	0	0	0	1,298,000
1136237 S 370th Street Culvert Replacement	0	185,000	0	0	0	643,000	0	0	643,000	828,000
1136239 Thomas Road SE and SE 317th Place - Culvert Replacement - Fish Passage	0	278,000	0	0	0	1,286,000	0	0	1,286,000	1,564,000
1139144 RSD SE REINIG ROAD DRAINAGE IMPROVEMENT CULVERT	0	302,000	0	0	0	0	0	0	0	302,000
1139811 RSD SE 384TH STREET DRAINAGE IMPROVEMENT CULVERT	0	400,000	0	0	0	0	0	0	0	400,000
1140906 156th Avenue SE & SE 240th Street - Culvert Replacement - Fish Passage	0	900,000	0	3,070,000	0	0	0	0	3,070,000	3,970,000
1144162 24219 NE 80th Street Culvert Replacement	0	1,389,000	(1,389,000)	0	0	(3,472,000)	0	0	(4,861,000)	(3,472,000)
TBD Proposed REET #1 Reduction	0	(322,000)	0	0	0	0	0	0	0	(322,000)
Total	5,179,275	7,000,912	(1,389,000)	7,012,000	0	1,516,500	0	0	7,139,500	19,319,687
39796 CONTRIB OTHER FUNDS										
1129585 Countywide Roadway Preservation Program	0	0	0	1,802,500	1,856,575	1,912,272	1,969,640	0	7,540,987	7,540,987
Total	0	0	0	1,802,500	1,856,575	1,912,272	1,969,640	0	7,540,987	7,540,987
42010 WA STATE REC CONSRVTN OFFICE (RCO)										
1136419 SE 432nd Street Culvert Replacement	0	950,000	0	0	0	0	0	0	0	950,000
Total	0	950,000	0	0	0	0	0	0	0	950,000
433667 ROAD CONSTRUCT OTHER GOVT										
1129585 Countywide Roadway Preservation Program	9,000	0	0	0	0	0	0	0	0	9,000
Total	9,000	0	0	0	0	0	0	0	0	9,000

2024 Proposed Budget - Revenue totals for Fund 3865 King County Road Construction

		Prior Years	2023 Existing	2024	2025	2026	2027	2028	2029	Totals	
		Expenditures	Budget	Proposed						2024 - 2029	Source Total
30800	BUDGETED FUND BALANCE										
1134081	Redmond Ridge Drive NE Roundabout	125,829	614,171	0	0	0	0	0	0	0	740,000
	Total	125,829	614,171	0	0	0	0	0	0	0	740,000
33341	STPU ROAD GRANT										
1143973	BERRYDALE OVERCROSSING BRIDGE #3086OX REPLACEMENT AND CORRIDOR IMPROVEMENTS	0	3,700,000	0	0	0	0	0	0	0	3,700,000
	Total	0	3,700,000	0	0	0	0	0	0	0	3,700,000
33436	WA ST DEPT TRANSPORTATION										
1134081	Redmond Ridge Drive NE Roundabout	0	800,000	0	0	0	0	0	0	0	800,000
1143978	Camelot Elementary School Improvements	0	0	0	0	0	0	0	0	0	0
	Total	0	800,000	0	0	0	0	0	0	0	800,000
39719	CONTRIB FLOOD CONTROL ZONE DT										
1144322	185th Avenue NE at NE 179th Street Culvert Construction	0	2,050,000	0	0	0	0	0	0	0	2,050,000
	Total	0	2,050,000	0	0	0	0	0	0	0	2,050,000
39721	CONTRIB SURF WATER MGT										
	185th Avenue NE at NE 179th Street Culvert Construction	0	1,472,000	0	0	0	0	0	0	0	1,472,000
	Total	0	1,472,000	0	0	0	0	0	0	0	1,472,000
39782	CONTRIB COUNTY ROAD FUND										
1134081	Redmond Ridge Drive NE Roundabout	0	478,968	0	0	0	0	0	0	0	478,968
1143978	Camelot Elementary School Improvements	0	0	0	0	0	0	0	0	0	0
1144322	185th Avenue NE at NE 179th Street Culvert Construction	0	3,180,571	0	0	0	0	0	0	0	3,180,571
	Total	0	3,659,539	0	0	0	0	0	0	0	3,659,539
39789	CONTRIB REET #1										
1144322	185th Avenue NE at NE 179th Street Culvert Construction	0	518,505	0	0	0	0	0	0	0	518,505
1146426	RSD SE MUD MOUNTAIN ROAD CULVERT CONSTRUCTION	0	0	1,389,000	0	0	0	0	0	1,389,000	1,389,000
	Total	0	518,505	1,389,000	0	0	0	0	0	1,389,000	1,907,505

Certificate Of Completion

Envelope Id: C81FC2CE6BCE4B9D94C174F958051076	Status: Completed
Subject: Complete with DocuSign: Ordinance 19696.docx, Ordinance 19696 Attachment A.pdf	
Source Envelope:	
Document Pages: 3	Signatures: 3
Supplemental Document Pages: 36	Initials: 0
Certificate Pages: 5	Envelope Originator:
AutoNav: Enabled	Cherie Camp
Envelopeld Stamping: Enabled	401 5TH AVE
Time Zone: (UTC-08:00) Pacific Time (US & Canada)	SEATTLE, WA 98104
	Cherie.Camp@kingcounty.gov
	IP Address: 198.49.222.20

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11/30/2023 10:21:54 AM	Cherie.Camp@kingcounty.gov	
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Signer Events

Dave Upthegrove
dave.upthegrove@kingcounty.gov
Chair
Security Level: Email, Account Authentication (None)

Signature

DocuSigned by:

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Signature Adoption: Uploaded Signature Image
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Viewed: 11/30/2023 2:03:19 PM
Signed: 11/30/2023 2:03:31 PM

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Accepted: 11/30/2023 2:03:19 PM
ID: 068b63ff-6430-4896-b7e3-241abd76f525

Melani Hay
melani.hay@kingcounty.gov
Clerk of the Council
King County Council
Security Level: Email, Account Authentication (None)

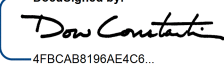
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Signed: 11/30/2023 2:28:13 PM

Electronic Record and Signature Disclosure:

Accepted: 9/30/2022 11:27:12 AM
ID: 639a6b47-a4ff-458a-8ae8-c9251b7d1a1f

Dow Constantine
Dow.Constantine@kingcounty.gov
King County Executive
Security Level: Email, Account Authentication (None)

DocuSigned by:

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Signature Adoption: Uploaded Signature Image
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Signed: 12/6/2023 11:49:58 AM

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ID: 5727c20c-44f8-4be6-9490-7607b3d087c4

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp

Intermediary Delivery Events	Status	Timestamp
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Certified Delivery Events	Status	Timestamp
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Carbon Copy Events	Status	Timestamp
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Kaitlyn Wiggins kwiggins@kingcounty.gov Executive Legislative Coordinator King County Executive Office Security Level: Email, Account Authentication (None) Electronic Record and Signature Disclosure: Not Offered via DocuSign	<div style="border: 2px solid blue; padding: 5px; display: inline-block;">COPIED</div>	Sent: 11/30/2023 2:28:15 PM Viewed: 11/30/2023 2:44:18 PM
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Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
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Certified Delivered	Security Checked	12/6/2023 11:49:48 AM
Signing Complete	Security Checked	12/6/2023 11:49:58 AM
Completed	Security Checked	12/6/2023 11:49:58 AM

Payment Events	Status	Timestamps
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Electronic Record and Signature Disclosure
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