

---

# **SWM CAPITAL OUTLAY REQUESTS**

---

# S-017 Railroad Embankment on Newport Hills Creek

Phase 1 (short term): Replace culvert inlet control structure  
(Completed in 2020)

Phase 2 (long term): Alternatives Analysis to provide fish passage  
(Completed in 2021). Final design for Phase 2 to start in Q4 2021.

## Budget Notes:

- Received two FEMA High Hazard Dam grants; \$76,504 in FY19 for Phase 2 preliminary studies & analysis (City match is \$41,194) and \$56,322 in FY20 for Phase 2 design (City match is estimated to be \$30,327).
- Received a Flood Control District grant; \$100,000 for Phase 2 design (City match is \$100,000)

Construction anticipated in 2024, depending on permit approvals and funding. Seeking 75% grant funding for Phase 2.

Submitted By	Jeff Brauns, Public Works Director
Request Owner	Chris Shoemaker
Department	SWM Capital Outlay
Type	Capital Improvement
Project Number	S-017



## Request Details

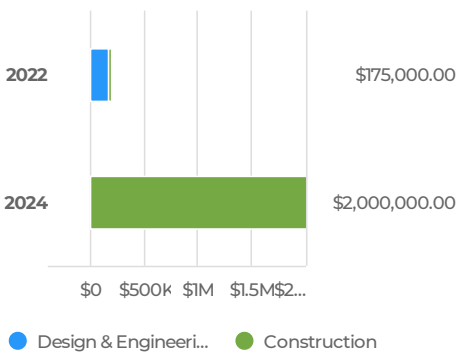
Type of Project      Improvement

# Capital Cost

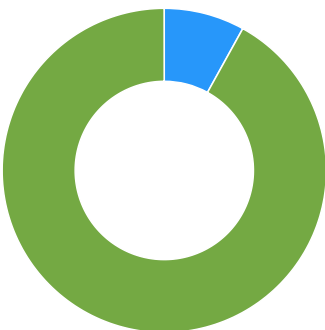
FY2022 Budget  
**\$175,000**

Total Budget *(all years)*  
**\$2.175M**

Capital Cost by Year



Capital Cost for All Years



● Design & Engineering (8%) \$175,000.00  
● Construction (92%) \$2,000,000.00

**TOTAL** **\$2,175,000.00**

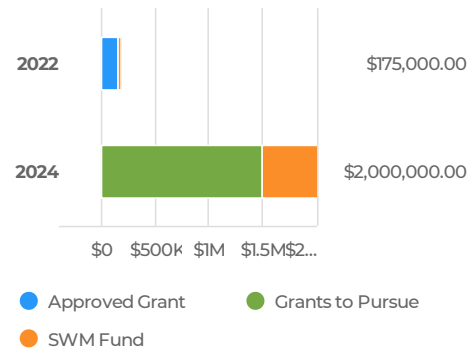
Capital Cost Breakdown		
Capital Cost	FY2022	FY2024
Design & Engineering	\$175,000	
Construction		\$2,000,000
Total	\$175,000	\$2,000,000

# Funding Sources

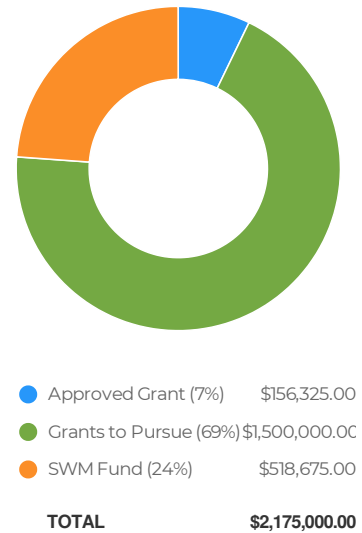
FY2022 Budget  
**\$175,000**

Total Budget *(all years)*  
**\$2.175M**

Funding Sources by Year



Funding Sources for All Years



## Funding Sources Breakdown

Funding Sources	FY2022	FY2024
Approved Grant	\$156,325	
Grants to Pursue		\$1,500,000
SWM Fund	\$18,675	\$500,000
<b>Total</b>	<b>\$175,000</b>	<b>\$2,000,000</b>

# S-037 Stormwater Pond Restoration Program

Annual program to perform restoration work on stormwater ponds to restore pond volume and function. Work includes vegetation and sediment removal.

2021 planned work: Pond 3 outfall analysis.

2022 planned work: TBD

Submitted By	Jeff Brauns, Public Works Director
Request Owner	Jeff Brauns, Public Works Director
Department	SWM Capital Outlay
Type	Capital Improvement
Project Number	S-037

## Budget Notes:

- Bi-annual program



## Request Details

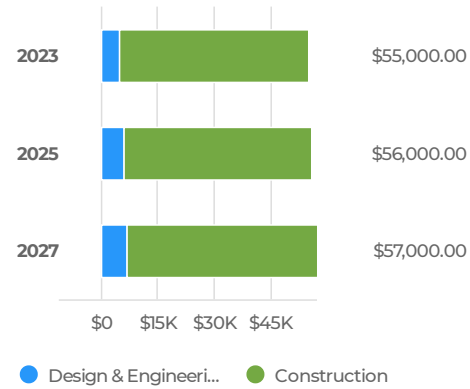
Type of Project	Improvement
-----------------	-------------

# Capital Cost

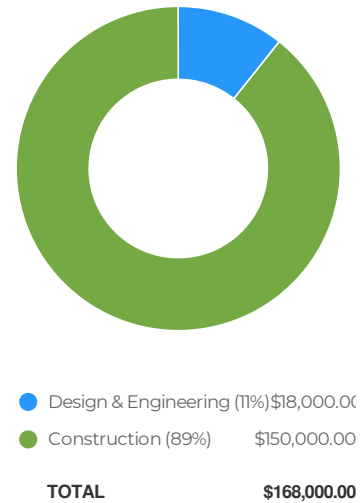
Total Budget (all years)

**\$168K**

Capital Cost by Year



Capital Cost for All Years



Capital Cost Breakdown

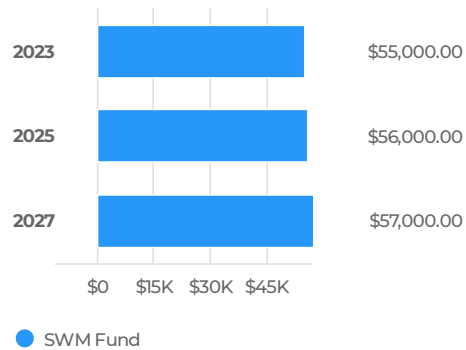
Capital Cost	FY2023	FY2025	FY2027
Design & Engineering	\$5,000	\$6,000	\$7,000
Construction	\$50,000	\$50,000	\$50,000
<b>Total</b>	<b>\$55,000</b>	<b>\$56,000</b>	<b>\$57,000</b>

# Funding Sources

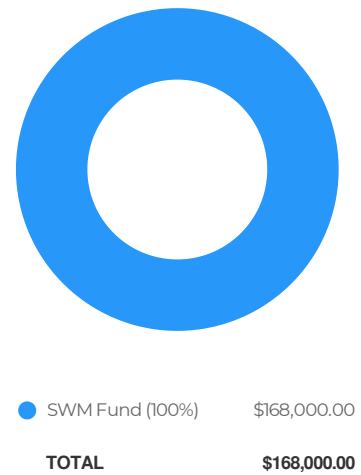
Total Budget *(all years)*

**\$168K**

Funding Sources by Year



Funding Sources for All Years



## Funding Sources Breakdown

Funding Sources	FY2023	FY2025	FY2027
SWM Fund	\$55,000	\$56,000	\$57,000
<b>Total</b>	<b>\$55,000</b>	<b>\$56,000</b>	<b>\$57,000</b>

# S-038 Stormwater Conveyance Rehabilitation Program

Repair and/or reconstruct aging segments of the stormwater conveyance system. Locations are determined by an annual screening program.

## Budget Notes:

- Annual program
- Awarded \$53,000 in FY19 WaterWorks grant funds from the King County Stormwater Treatment Division for design and construction of the Open Cut Pipe Repairs project.
- Awarded \$100,000 in Opportunity Fund grant funds from the King County Flood Control District for construction of the Open Cut Pipe Repairs project.

2021 planned work: Repair/replace damaged pipe segments discovered during the 2019 Pipe Condition Assessment Program.

2022 planned work Complete Phase 2 of the Storm Conveyance Condition Assessment. Perform additional pipe repair work.

Submitted By	Jeff Brauns, Public Works Director
Request Owner	Jeff Brauns, Public Works Director
Department	SWM Capital Outlay
Type	Capital Improvement
Project Number	S-038



**S-038**

2021 Open Cute Pipe Repairs Project

## Request Details

Type of Project	Improvement
-----------------	-------------



# Capital Cost

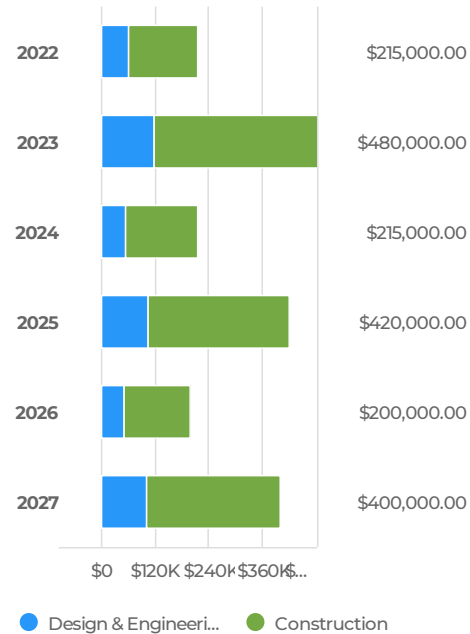
FY2022 Budget

**\$215,000**

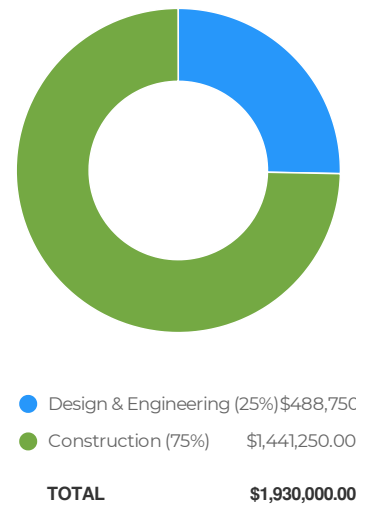
Total Budget (*all years*)

**\$1.93M**

Capital Cost by Year



Capital Cost for All Years



Capital Cost Breakdown

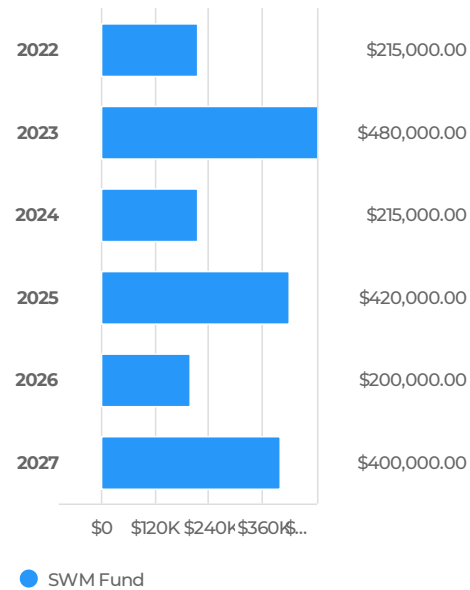
Capital Cost	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
Design & Engineering	\$60,000	\$120,000	\$53,750	\$105,000	\$50,000	\$100,000
Construction	\$155,000	\$360,000	\$161,250	\$315,000	\$150,000	\$300,000
<b>Total</b>	<b>\$215,000</b>	<b>\$480,000</b>	<b>\$215,000</b>	<b>\$420,000</b>	<b>\$200,000</b>	<b>\$400,000</b>

# Funding Sources

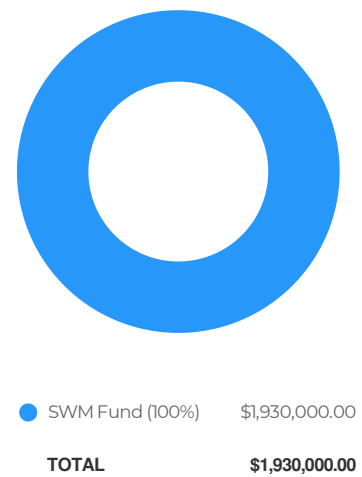
FY2022 Budget  
**\$215,000**

Total Budget *(all years)*  
**\$1.93M**

Funding Sources by Year



Funding Sources for All Years



Funding Sources Breakdown

Funding Sources	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027
SWM Fund	\$215,000	\$480,000	\$215,000	\$420,000	\$200,000	\$400,000
<b>Total</b>	<b>\$215,000</b>	<b>\$480,000</b>	<b>\$215,000</b>	<b>\$420,000</b>	<b>\$200,000</b>	<b>\$400,000</b>

# S-039 Roadway/Sidewalk Seepage Program

Perform repairs and/or construct facility improvements to address roadway and sidewalk seepage.

2021 work: Complete 134th Ave SE Sidewalk Seepage Repair project

## Budget Notes:

- Program schedule revised to every three years.

Submitted By	Jeff Brauns, Public Works Director
Request Owner	Jeff Brauns, Public Works Director
Department	SWM Capital Outlay
Type	Capital Improvement
Project Number	S-039



S-039

134th Ave SE Sidewalk Seepage Repairs

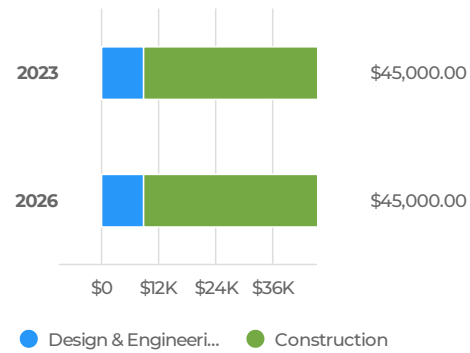
## Request Details

Type of Project	Improvement
-----------------	-------------

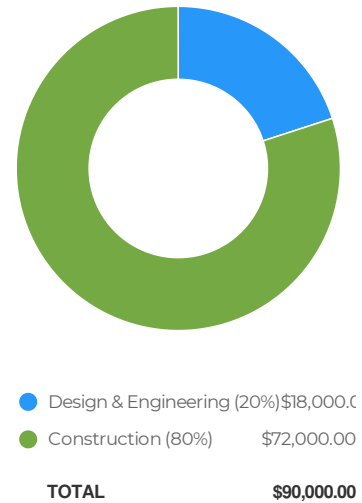
# Capital Cost

Total Budget *(all years)*  
**\$90K**

Capital Cost by Year



Capital Cost for All Years

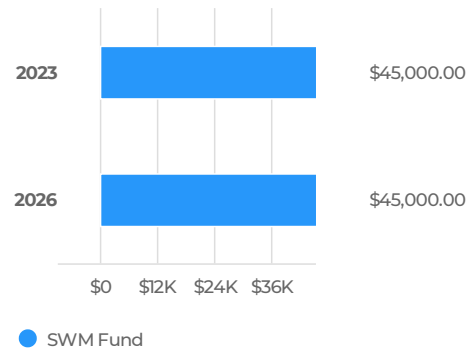


Capital Cost Breakdown		
Capital Cost	FY2023	FY2026
Design & Engineering	\$9,000	\$9,000
Construction	\$36,000	\$36,000
<b>Total</b>	<b>\$45,000</b>	<b>\$45,000</b>

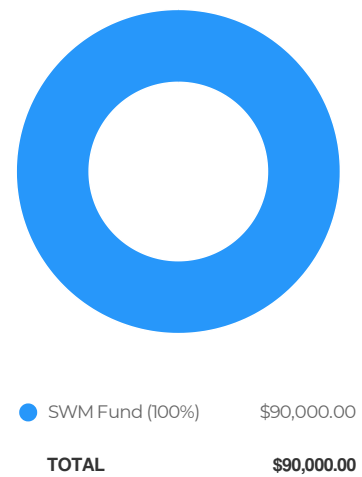
# Funding Sources

Total Budget *(all years)*  
**\$90K**

Funding Sources by Year



Funding Sources for All Years



## Funding Sources Breakdown

Funding Sources	FY2023	FY2026
SWM Fund	\$45,000	\$45,000
<b>Total</b>	<b>\$45,000</b>	<b>\$45,000</b>

# S-040 116th Ave SE Flow Control Facilities

Project will address persistent erosion in Landcastle Creek. An Alternatives Analysis was completed in 2020.

## Budget Notes:

- Project pushed back two years to complete the analysis work.
- Submitted FY21 WaterWorks grant for \$80,000 for design work in 2022 (City match = \$80,000)

Submitted By	Jeff Brauns, Public Works Director
Request Owner	Jeff Brauns, Public Works Director
Department	SWM Capital Outlay
Type	Capital Improvement
Project Number	S-040



S-040

Landcastle Basin

## Request Details

Type of Project      New Construction

# Capital Cost

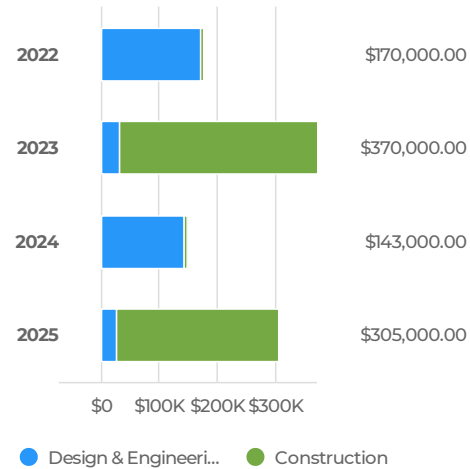
FY2022 Budget

**\$170,000**

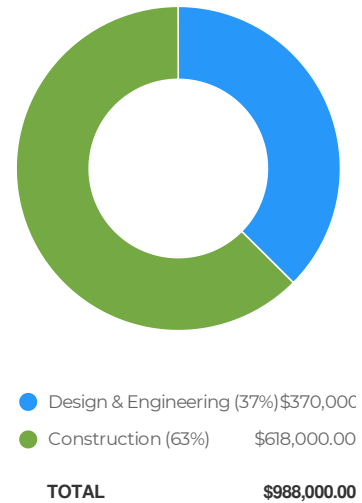
Total Budget (all years)

**\$988K**

Capital Cost by Year



Capital Cost for All Years



Capital Cost Breakdown

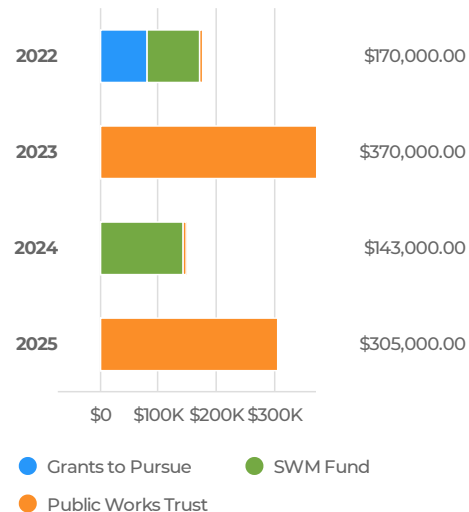
Capital Cost	FY2022	FY2023	FY2024	FY2025
Design & Engineering	\$170,000	\$31,000	\$143,000	\$26,000
Construction		\$339,000		\$279,000
<b>Total</b>	<b>\$170,000</b>	<b>\$370,000</b>	<b>\$143,000</b>	<b>\$305,000</b>

# Funding Sources

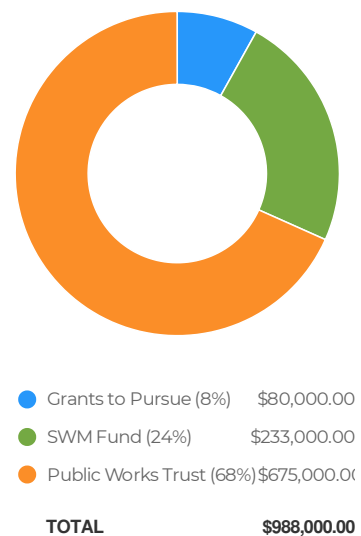
FY2022 Budget  
**\$170,000**

Total Budget *(all years)*  
**\$988K**

Funding Sources by Year



Funding Sources for All Years



Funding Sources Breakdown

Funding Sources	FY2022	FY2023	FY2024	FY2025
Grants to Pursue	\$80,000			
SWM Fund	\$90,000		\$143,000	
Public Works Trust		\$370,000		\$305,000
<b>Total</b>	<b>\$170,000</b>	<b>\$370,000</b>	<b>\$143,000</b>	<b>\$305,000</b>



# S-041 SE 90th Street Drainage Improvements

Roadway runoff is being directed into pipes which discharge onto private property.

This project will abandon the existing storm drain system and replace it with a new system that discharges the runoff to City property.

## Budget Notes:

- Awarded a \$103,000 Flood Reduction Grant from King County Flood Control District fund in 2019 for design and construction (City match is \$69,650).
- Alternatives analysis work has extended design to 2021.
- Construction pushed back to summer 2022.

Submitted By	Jeff Brauns, Public Works Director
Request Owner	Jeff Brauns, Public Works Director
Department	SWM Capital Outlay
Type	Capital Improvement
Project Number	S-041



## Request Details

Type of Project	Improvement
-----------------	-------------

# Capital Cost

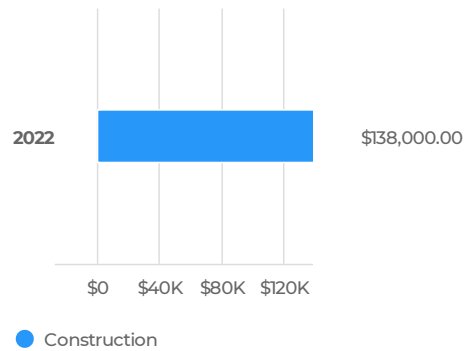
FY2022 Budget

**\$138,000**

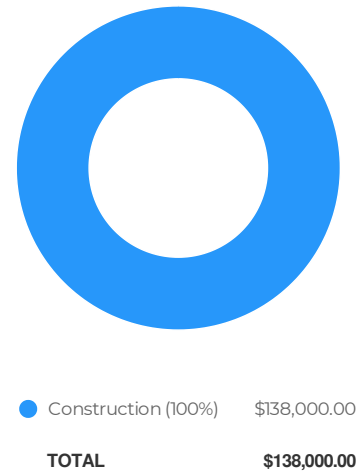
Total Budget (*all years*)

**\$138K**

Capital Cost by Year



Capital Cost for All Years



## Capital Cost Breakdown

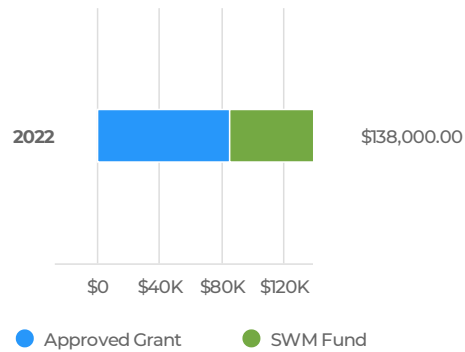
Capital Cost	FY2022
Construction	\$138,000
<b>Total</b>	<b>\$138,000</b>

# Funding Sources

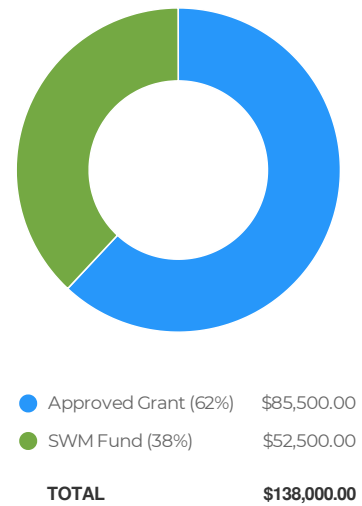
FY2022 Budget  
**\$138,000**

Total Budget *(all years)*  
**\$138K**

Funding Sources by Year



Funding Sources for All Years



## Funding Sources Breakdown

Funding Sources	FY2022
Approved Grant	\$85,500
SWM Fund	\$52,500
<b>Total</b>	<b>\$138,000</b>