

**CITY OF SILVERTON**  
**RESOLUTION**  
**20-21**

**A RESOLUTION OF THE SILVERTON CITY COUNCIL ADOPTING UPDATED  
WASTERWATER AND STORMWATER CAPITAL IMPROVEMENT PLANS**

**WHEREAS**, the City's adopted Wastewater and Stormwater Capital Improvement Plans did not contemplate new development in the southeast portion of the City; and

**WHEREAS**, the City desires to include the project as requested to provide SDC credits for the upsizing of the sanitary sewer and storm drain on Ike Mooney Road associated with Pioneer V Subdivision.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY OF SILVERTON, AS  
FOLLOWS:**

Section 1: The Wastewater and Stormwater CIPs are updated to accommodate Pioneer V Subdivision located adjacent to Ike Mooney Road as shown in Exhibit A.

Section 2: This resolution is and shall be effective after its passage by the City Council.

Resolution adopted by the City Council of the City of Silverton, this 6th day of July, 2020.

  
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Mayor, City of Silverton  
Kyle Palmer

ATTEST

  
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City Manager/Recorder, City of Silverton  
Christy S. Wurster

## Exhibit A

### 1-5 Year Sanitary Project Summary

Project Number	Project Name	Project Description	Priority	Project Start	Project Finish	SDC %	Project Cost (2018 \$)	SDC Eligible
<b>Collection System Improvements</b>								
IMP-1	McClaine Street Sewer	Replace sewer main from W. Main to Westfield. Upsize 1800lf of 8" to 12" and upsize 560lf of 12" to 18" (look at option of CIPP)		2018		0%	\$ 421,120.00	\$ -
IMP-2	Master Plan Update	WWTP, Pump Stations, & Collection System		2019		100%	\$ 100,000	\$ 100,000
IMP-3	S James Street Capacity	Upsize 570lf of 12" to 18" McClaine to Brooks		2020		80%	\$ 257,000	\$ 205,600
IMP-4	Sherman Street Capacity	Upsize 175lf of 12" to 18" Maple St. to N. Water		2021		80%	\$ 75,000	\$ 60,000
IMP-5	Adams Ave. Condition Assessment	Upsize 880lf of 8" to 12" MH28 to MH824		2022		80%	\$ 200,000	\$ 160,000
CA-01	Program	CCTV Sewer Mains.		Yearly		0%	\$ 7,000	\$ -
SR-01	Rehab Projects	Replacement of aging pipelines		Yearly		0%	\$ 339,000	
	Ike Mooney Area/Pioneer V	Upsize 8" to 10" & 12" PVC, supp rock		2019	2020	\$100%	\$ 45,429*	\$ 45,429
<b>Subtotal</b>							<b>\$ 1,444,549</b>	<b>\$ 471,029</b>
<b>WWTP Process Control Upgrades, Process Optimization, Solids Processing, and Effluent Management Improvements</b>								
WWD-1	Laboratory/Admin Facility Schematic Design					0%	\$ 41,000	\$ -
WWTP-2	Phase 2 Biosolids handling. Lab and admin.							
WWTP-2	Phase 2a - Primary Sludge Pump Station & Bldg.					0%	\$ 472,000	\$ -
WWTP-2	Phase 2b - Engr., Admin., & legal (30%)					0%	\$ 142,000	\$ -
WWTP-3	Phase 3 Aeration System Upgrade							
WWTP-3	New Laboratory/Locker Rooms					0%	\$ 337,000	\$ -
<b>Subtotal</b>							<b>\$ 992,000</b>	<b>\$ -</b>
<b>Differed Maintenance, Operational Improvements, and Old CIP</b>								
DMS-01	WWTP Improvements	Bar Rack Inspect, Tune-up, & Training		2014		0%	\$ 3,500	\$ -
DMS-02	WWTP Improvements	UV Inspect, Tune-up, & Training		2014		0%	\$ 3,500	\$ -
DMS-03	WWTP Improvements	Security fencing repairs		2014		0%	\$ 12,000	\$ -
DMS-04	WWTP Improvements	Bank Stabilization		2014		0%	\$ 25,000	\$ -
DMS-05	WWTP Improvements	Parking lot & access Road Overlay		2016		0%	\$ 76,000	\$ -
DMS-06	WWTP Improvements	RAS/WAS Building HVAC		2014		0%	\$ 31,000	\$ -
DMS-07	WWTP Improvements	Yard lighting improvements		2015		0%	\$ 15,000	\$ -
DMS-08	Silver Avenue Lift Station	Wetwell Vault Access		2015		0%	\$ 36,000	\$ -
DMS-09	Main Street Lift Station	Pump #1 Replacement		2015		0%	\$ 12,000	\$ -
DMS-10	WWTP Improvements	Biosolids Screwpress		2015		100%	\$ 510,000	\$ 510,000
DMS-11	WWTP Improvements	Effluent Pumpstation Cover		2014		0%	\$ 41,000	\$ -
<b>Subtotal</b>							<b>\$ 765,000</b>	<b>\$ 510,000</b>

\* 2020 Dollar Amount

<b>1-5 Yr Grand Total</b>	<b>\$ 3,201,549</b>	<b>\$ 981,029</b>
<b>Sanitary CIP Costs</b>	<b>\$ 3,201,549</b>	
<b>Total SDC Funding</b>	<b>\$ -</b>	<b>\$ 981,029</b>
<b>Total Other Funding</b>	<b>\$ 2,220,520</b>	

**6-20 Year Sanitary Sewer Project Summary**

Project Number	Project Name	Project Description	Priority	Project Start	Project Finish	SDC %	Project Cost (2013 \$)	SDC Eligible	
<b>Collection System Improvements</b>									
IMP-6	Oregon Garden Lift Station Capacity (current est. 83% capacity)	Install two 400 GPM pumps with one standby pump.		TBD		0%	\$ 26,000	\$ -	
IMP-7	Oregon Garden Lift Station Capacity	Upsize forcemain 4" to 6"		TBD		80%	\$ 253,000	\$ 202,400	
CA-01	Condition Assessment Program	Condition of clay, unknown, concrete, ductile iron, PVC pipes.		Yearly		0%	\$ 7,000	\$ -	
SR-01	Rehab Projects	Replacement of aging pipelines		Yearly		0%	\$ 339,000	\$ -	
							<b>Subtotal</b>	<b>\$ 625,000</b>	<b>\$ 202,400</b>
<b>Additional Pump Station Improvements</b>									
PMP-2	Pine Street	New pump station and forcemain		TBD		80%	\$ 224,000	\$ 179,200	
PMP-3	Setness Lane	New pump station and 6" forcemain and 8" collection pipes.		TBD		80%	\$ 1,437,000	\$ 1,149,600	
							<b>Subtotal</b>	<b>\$ 1,661,000</b>	<b>\$ 1,328,800</b>
<b>WWTP Process Control Upgrades, Process Optimization, Solids processing, and Effluent Management Improvements</b>									
ST-1	Phase 1 Study - Thermodynamic Model Update			TBD		20%	\$ 48,000	\$ 9,600	
ST-2	Phase 1 Study - Wetland Optimization Study			TBD		20%	\$ 35,000	\$ 7,000	
WWTP -1	Phase 1 Biosolids Expansion							\$ -	
WWTP -1	Phase 1a - Thickened Sludge Blend Tanks.			TBD		65%	\$ 517,000	\$ 336,050	
WWTP -1	Phase 1a - Dewatering and lime Stabilization Facility			TBD		65%	\$ 3,300,000	\$ 2,145,000	
WWTP -1	Phase 1a - Covered Limed Biosolids Storage			TBD		65%	\$ 473,000	\$ 307,450	
WWTP -1	Phase 1a - 3-stage Chemical Scrubber Odor Control			TBD		65%	\$ 864,000	\$ 561,600	
WWTP -1	Phase 1a - Engr., Admin., & Legal (30%)			TBD		65%	\$ 1,626,000	\$ 1,056,900	
WWTP-2	Phase 2 Biosolids Handling, Lab & Admin.							\$ -	
WWTP-2	Phase 2a - Primary Sludge Pump Station			TBD		0%	\$ 581,000	\$ -	
WWTP-2	Phase 2a - Engr., Admin & Legal (30%)			TBD		0%	\$ 142,000	\$ -	
WWTP-2	Phase 2b - Aeration System Upgrade	Additional diffusers, headers, and blowers.		TBD		80%	\$ 281,000	\$ 224,800	
							<b>Subtotal</b>	<b>\$ 7,867,000</b>	<b>\$ 4,648,400</b>
<b>Differed Maintenance, Operational Improvements, and Old CIP</b>									
DMS-12	WWTP Improvements	3rd Anerobic Digester		TBD		33%	\$ 2,038,000	\$ 672,540	
							<b>Subtotal</b>	<b>\$ 2,038,000</b>	<b>\$ 672,540</b>
							<b>6-20 Yr Grand Total</b>	<b>\$ 12,191,000</b>	<b>\$ 6,852,140</b>
							<b>Sanitary CIP Costs</b>	<b>\$ 12,191,000</b>	
							<b>Total SDC Funding</b>	<b>\$ -</b>	<b>\$ 6,852,140</b>
							<b>Total Other Funding</b>	<b>\$ 5,338,860</b>	

**1-5 Year Storm Sewer Project Summary**

Project Number	Project Name	Project Description	Priority	Project Start	Project Finish	SDC %	Project Cost (2018 \$)	SDC Eligible
<b>Priority 1 Improvements</b>								
1A	McClaine Street Improvements	Install 1600 LF of 12" and 198 LF of 15" pipe		2018		5%	\$ 380,000	\$ 19,000
1B	N. 2nd Street & Mills Addition Improvements (Not including year 6-20 costs \$441,000)	Install 5344 LF of 15", 275 LF of 18", 308 LF of 21", and 278 LF of 24".		2019		20%	\$ 1,807,000	\$ 361,400
1C	Master Plan Update	Update Storm Master Plan		2020		100%	\$ 50,000	\$ 50,000
		<b>Storm Drain Upsizing</b>						
		Install 431 LF of 30" HDPE Storm Drain Pipe;						
		26 LF of 24" HDPE Storm Drain Pipe;						
		39 LF of 18" HDPE Storm Drain Pipe;						
		3 5-foot diameter Storm Drain Manholes; and						
	<b>Ike Mooney Area / Pioneer V Subdivision</b>	371 LF of 24" HDPE Storm Drain Pipe with Manholes		2019	2020		\$ 206,630*	\$206,630
							<b>Subtotal \$ 2,443,630</b>	<b>\$ 637,030</b>
<b>Yearly Maintenance, Yearly Replacement Improvements, and Old CIP</b>								
OP1	Yearly Maintenance	Line and Inlet Cleaning		Yearly		0%	\$ 152,000	\$ -
R1	System Replacement Program			Yearly		0%	\$ 436,000	\$ -
							<b>Subtotal \$ 588,000</b>	

\* 2020 Dollar Amount

<b>1-5 Yr Grand Total</b>	<b>\$ 3,031,630</b>	<b>\$ 637,030</b>
<b>Storm Sewer CIP Costs</b>	<b>\$ 3,031,630</b>	
<b>Total SDC Funding</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total Other Funding</b>	<b>\$ 2,394,600</b>	

**6-20 Year Storm Sewer Project Summary**

<b>Project Number</b>	<b>Project Name</b>	<b>Project Description</b>	<b>Priority</b>	<b>Project Start</b>	<b>Project Finish</b>	<b>SDC %</b>	<b>Project Cost (2018 \$)</b>	<b>SDC Eligible</b>
<b>Priority 1 Improvements</b>								
1B	N. 2nd Street & Mills Addition Improvements	Install 5344 LF of 15", 275 LF of 18", 308 LF of 21", & 278 LF of 24" Pipe.		2023		20%	\$ 441,000	\$ 88,200
1C	W. Main, Welch, and Cherry Street Stormwater	Install 1273 LF of 12", 561 LF of 15", 271 LF of 18".		2024		10%	\$ 760,000	\$ 76,000
1D	Hight Street To E. Main Street Stormwater	Install 781 LF of 12", 251 LF of 15", 386 LF of 24", & 1394 LF of 30" Pipe.		2025		5%	\$ 1,210,000	\$ 60,500
1E	Jersery Street Stormwater	Install 1003 LF of 30" Pipe		2026		5%	\$ 541,000	\$ 27,050
<b>Subtotal</b>							<b>\$ 2,952,000</b>	<b>\$ 251,750</b>
<b>Priority 2 Improvements</b>								
2B	N. James Street and Pine Street Improvements	Install 916 LF of 12" pipe		TBD		0%	\$ 284,000	\$ -
2C	Sheridan Street and Pine Street Improvements	Install 60 LF of 12", 65 LF of 15" & 70 LF of 18" pipe		TBD		10%	\$ 344,000	\$ 34,400
2D	Rock Street to S. 3rd Street Connection	Install 1,570 LF of 12" pipe		TBD		10%	\$ 260,000	\$ 26,000
2F	Koons Street Improvements	Install 211 LF of 12", and 734 LF of 18" pipe.		TBD		0%	\$ 316,000	\$ -
2G	James Street Improvements	Install 544 LF of 18", and 180 LF of 24" pipe.		TBD		5%	\$ 221,000	\$ 11,050
<b>Subtotal</b>							<b>\$ 1,425,000</b>	<b>\$ 71,450</b>
<b>Priority 3 Improvements</b>								
3A	Oak Street Improvements	Install 606 LF of 24" pipe		TBD		35%	\$ 235,000	\$ 82,250
3B	Hwy 214 Detention Facility	Sub-regional detention and water quality facility with bore under the RR tracks.		TBD		10%	\$ 1,267,000	\$ 126,700
3C	Monson Rd. Improvements	Install 444 LF of 30" pipe		TBD		40%	\$ 192,000	\$ 76,800
3D	Grant Street Improvements	Install 545 LF of 15" pipe		TBD		10%	\$ 153,000	\$ 15,300
3E	W McClaine Street Improvements	Install 309 LF of 18" pipe		TBD		0%	\$ 112,000	\$ -
3F	Monitor Rd. Improvements	Install 291 LF of 21" pipe		TBD		55%	\$ 73,000	\$ 40,150
	Steelhammer Road	Jaysie Drive to Evans Valey Road		TBD			\$ 560,000	
<b>Subtotal</b>							<b>\$ 2,592,000</b>	<b>\$ 341,200</b>
<b>Yearly Maintenance, Yearly Replacement Improvements, and Old CIP</b>								
OP1	Yeary Maintenance System Maintenance	Line and inlet cleaning		Yearly		0%	\$ 152,000	\$ -
R1	Program			Yearly		0%	\$ 436,000	\$ -
<b>Subtotal</b>							<b>\$ 588,000</b>	<b>\$ -</b>
<b>6-20 Yr Grand Total</b>							<b>\$ 7,557,000</b>	<b>\$ 664,400</b>
<b>Storm Sewer CIP Costs</b>							<b>\$ 7,557,000</b>	
<b>Total SDC Funding</b>							<b>\$ -</b>	<b>\$ 664,400</b>
<b>Total Other Funding</b>							<b>\$ 6,892,600</b>	