

**CITY OF MISSION, KANSAS**  
**CAPITAL IMPROVEMENT PROGRAM COMMITTEE**

**Monday, April 8, 2019**

**6:00 p.m.**

**Mission City Hall**

**AGENDA**

1. Call to order
2. Welcome and Introductions
3. Approval of March 11, 2019 meeting minutes
4. Citizen Suggestions to the Committee
5. Five Year Stormwater Capital Improvement Program Plan
  - a. Rock Creek Channel Improvements
  - b. Stormwater Management Advisory Council Funding for Inspection and Repair for Secondary Stormwater Infrastructure
6. K.U. Project Update
7. Comments from Committee Members
8. Staff updates
9. Adjourn

**Jennifer Cowdry, Chair**  
**Bill Nichols, Vice Chair**  
***Mission City Hall, 6090 Woodson***  
***913-676-8350***

**Stormwater Program Plan (2019-2031)**

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
<b>Revenues</b>													
<b>Beginning Balance</b>	1,906,996	5,356,802	163,716	(98,170)	(363,456)	96,758	845,122	1,590,861	2,770,463	4,706,071	2,770,463	4,706,071	6,639,579
<b>Local Revenue</b>													
Stormwater Utility Fund Revenues	2,535,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
Drainage District Revenues	88,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000	85,000
Gateway Special Benefit District Revenues	599,000	599,000	599,000	599,000	599,000	599,000	599,000	599,000	599,000	599,000	599,000	599,000	599,000
<b>Sub-total</b>	<b>3,222,000</b>	<b>3,184,000</b>	<b>3,184,000</b>	<b>3,184,000</b>	<b>3,184,000</b>	<b>3,184,000</b>	<b>3,184,000</b>	<b>3,184,000</b>	<b>3,184,000</b>	<b>3,184,000</b>	<b>3,184,000</b>	<b>3,184,000</b>	<b>3,184,000</b>
<b>External Revenue</b>													
SMAC Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
Miscellaneous Revenues	-	-	-	-	-	-	-	-	-	-	-	-	-
RCHA CID Revenues	-	18,220	18,220	18,220	18,220	18,220	18,220	18,220	18,220	18,220	18,220	18,220	18,220
<b>Sub-total</b>	<b>-</b>	<b>18,220</b>	<b>18,220</b>	<b>18,220</b>	<b>18,220</b>	<b>18,220</b>	<b>18,220</b>	<b>18,220</b>	<b>18,220</b>	<b>18,220</b>	<b>18,220</b>	<b>18,220</b>	<b>18,220</b>
<b>Debt Proceeds</b>													
GO Series 2019A (Roeland Court)	4,000,000	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-total</b>	<b>4,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Stormwater Revenues</b>	<b>7,222,000</b>	<b>3,202,220</b>	<b>3,202,220</b>	<b>3,202,220</b>	<b>3,202,220</b>	<b>3,202,220</b>	<b>3,202,220</b>	<b>3,202,220</b>	<b>3,202,220</b>	<b>3,202,220</b>	<b>3,202,220</b>	<b>3,202,220</b>	<b>3,202,220</b>
<b>Expenses</b>													
<b>Capital Projects</b>													
Rock Creek Channel (Nall to Roeland Drive)	692,000	5,255,737	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-total</b>	<b>692,000</b>	<b>5,255,737</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Maintenance Programs</b>													
Repair and Maintenance Fund	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Miscellaneous Engineering	150,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
<b>Sub-total</b>	<b>400,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>
<b>Debt Service/Loan Repayment</b>													
KDHE Loan Repayment	6,562	6,562	6,562	6,562	\$6,562	\$6,562	\$6,562	\$6,562	\$6,562	\$6,562	\$6,562	\$6,562	\$6,562
GO Series 2010A	369,388	364,763	-	-	-	-	-	-	-	-	-	-	-
GO Series 2010B	279,131	974,131	1,331,331	1,333,131	\$598,131	595,731	1,202,731	764,731	-	-	-	-	-
GO Series 2013C - Stormwater Portion	283,675	283,675	283,375	283,075	\$287,000	-	-	-	-	-	-	-	-
GO Series 2014-A	1,741,438	1,050,538	1,052,838	1,054,738	\$1,060,313	1,061,563	457,188	461,325	470,050	472,150	473,800	-	-
GO Series 2014-B	-	-	-	-	-	-	-	-	-	-	-	-	-
GO Series 2019A (Roeland Court)	-	160,000	490,000	490,000	490,000	490,000	490,000	490,000	490,000	490,000	490,000	490,000	-
<b>Sub-total</b>	<b>2,680,194</b>	<b>2,839,569</b>	<b>3,164,106</b>	<b>3,167,506</b>	<b>2,442,066</b>	<b>2,153,856</b>	<b>2,156,481</b>	<b>1,722,618</b>	<b>966,612</b>	<b>968,712</b>	<b>970,362</b>	<b>496,562</b>	<b>6,562</b>
<b>Total Stormwater Expenses</b>	<b>3,772,194</b>	<b>8,395,306</b>	<b>3,464,106</b>	<b>3,467,506</b>	<b>2,742,066</b>	<b>2,453,856</b>	<b>2,456,481</b>	<b>2,022,618</b>	<b>1,266,612</b>	<b>1,268,712</b>	<b>1,270,362</b>	<b>796,562</b>	<b>306,562</b>
Annual Surplus/(Deficit)	3,449,806	(5,193,086)	(261,886)	(265,286)	460,214	748,364	745,739	1,179,602	1,935,608	1,933,508	1,931,858	2,405,658	2,895,658
<b>Ending Fund Balance</b>	<b>5,356,802</b>	<b>163,716</b>	<b>(98,170)</b>	<b>(363,456)</b>	<b>96,758</b>	<b>845,122</b>	<b>1,590,861</b>	<b>2,770,463</b>	<b>4,706,071</b>	<b>6,639,579</b>	<b>4,702,321</b>	<b>7,111,729</b>	<b>9,535,237</b>

Remaining Debt Service/ Year Retires

**EXHIBIT C**

**SMP RC06-022 Rock Creek and Roeland Court Townhomes Site Improvements  
Potential Costs based on SMP Alternative 2 and Concept Site Design  
City of Mission**

Item Description	Quantity	Unit	Unit Cost	Project Cost	City of Mission Percentage	Cost	HOA Percentage	Cost
Mobilization	1	LS	\$200,000	\$200,000	90%	\$180,000	10%	\$20,000
Construction Staking	1	LS	\$17,500	\$17,500	93%	\$16,250	7%	\$1,250
Traffic Control	1	LS	\$4,000	\$4,000	69%	\$2,750	31%	\$1,250
Gravel Construction Entrance	4	Ea	\$1,580	\$6,320	75%	\$4,737	25%	\$1,583
Remove & Store Concrete Barrier	10	Ea	\$490	\$4,900	0%	\$0	100%	\$4,900
4' Temporary Fencing	1000	LF	\$4	\$4,000	65%	\$2,600	35%	\$1,400
Vegetation Clearing and Grubbing	64000	SF	\$2	\$128,000	88%	\$112,000	13%	\$16,000
Remove & Dispose 8" Asphalt	18000	SF	\$4	\$72,000	83%	\$60,000	17%	\$12,000
Remove & Dispose Flumes, Curbs and Sidewalk	441	SF	\$1	\$441	0%	\$0	100%	\$441
Excavation and Haul Off Unsuitable Soil	8185	CY	\$55	\$450,188	89%	\$398,949	11%	\$51,239
Raise Building on 60th Terrace	1	LS	\$67,000	\$67,000	100%	\$67,000	0%	\$0
4" Underdrain	4000	LF	\$10	\$40,000	94%	\$37,500	6%	\$2,500
Granular Backfill	7768	CY	\$52	\$403,953	100%	\$403,953	0%	\$0
Biaxial Geogrid	13000	SY	\$5	\$65,000	100%	\$65,000	0%	\$0
Big Block Retaining Wall	18000	SFF	\$70	\$1,260,000	100%	\$1,260,000	0%	\$0
Concrete Cantilever Retaining Wall	4700	SFF	\$155	\$728,500	100%	\$728,500	0%	\$0
Heavy Riprap	300	CY	\$115	\$34,538	100%	\$34,538	0%	\$0
Compaction of Imported Fills	694	CY	\$60	\$41,667	40%	\$16,667	60%	\$25,000
Concrete Flume	174	SF	\$12	\$2,088	0%	\$0	100%	\$2,088
Concrete Curb and Gutter	726	LF	\$24	\$17,424	51%	\$8,880	49%	\$8,544
12" AB-3 Pavement Subgrade	861	SY	\$24	\$20,661	0%	\$0	100%	\$20,661
6" Asphalt Base	3308	SY	\$24	\$79,389	60%	\$47,976	40%	\$31,413
2" Asphalt Surface	4956	SY	\$11	\$54,512	40%	\$21,989	60%	\$32,523
2" Asphalt Milling	1520	SY	\$10	\$15,200	0%	\$0	100%	\$15,200
5' Concrete Sidewalk	225	SF	\$6	\$1,350	50%	\$675	50%	\$675
Reset Landscaping Blocks	60	SFF	\$45	\$2,700	0%	\$0	100%	\$2,700
6' Wood Fence	310	LF	\$25	\$7,750	0%	\$0	100%	\$7,750
12" Imported Topsoil	1100	CY	\$50	\$54,985	87%	\$47,726	13%	\$7,259
Mulching / Seeding	50000	SF	\$2	\$100,000	92%	\$92,400	8%	\$7,600
8" Straw Waddles	1000	LF	\$11	\$11,000	90%	\$9,900	10%	\$1,100
2" Caliper Landscaping Tree	20	Ea	\$400	\$8,000	0%	\$0	100%	\$8,000
<b>Construction Subtotal</b>				<b>\$3,903,068</b>	<b>93%</b>	<b>\$3,619,991</b>	<b>7%</b>	<b>\$283,077</b>
Survey, Engineering and Permitting Services	9%			\$346,468	88%	\$306,100	12%	\$40,368
Geotechnical Services	3%			\$115,500	82%	\$94,300	18%	\$21,200
Construction Observation Services	6%			\$232,532	92%	\$214,100	8%	\$18,432
<b>Consultant Services Subtotal</b>				<b>\$694,500</b>	<b>88%</b>	<b>\$614,500</b>	<b>12%</b>	<b>\$80,000</b>
60th Terrace Property Purchase with Expenses				\$180,375	100%	\$180,375	0%	\$0
Contingency	10%			\$477,794	92%	\$440,062	8%	\$37,732
<b>TOTAL POTENTIAL COST</b>				<b>\$5,255,737</b>	<b>92%</b>	<b>\$4,854,928</b>	<b>8%</b>	<b>\$400,809</b>

**Cooperative Cost Share Estimate**

HOA Special Assessment Estimate per Unit	20	Ea				\$	20,040
HOA Special Assessment Estimate per Year	22	Ea			Financing charges, if any, are not included	\$	911



# Exhibit 6













## Rock Creek Channel Improvements PES Mission, KS

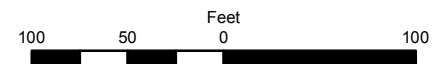
RC-06-022

### Alternative 2

Extend Retaining Wall From Rock Creek Tributary F to Roeland Drive

#### Legend

-  Proposed Wall (Modular Stone)
-  Proposed Wall (Concrete)
-  Pavement Replacement
-  Proposed Back Slope
-  Property Buy Out
-  Property Boundary
-  Model Cross Section
-  Flowline
-  Fenceline
-  Abandoned Sanitary Sewer
-  Active Sanitary Sewer
-  Underground Electric



1 inch = 100 feet

