



July 13, 2020

At the Board's request we have develop the following prioritized list of incomplete projects from the last year years of Capital Improvement Plan for inclusion in the 2021 Capital Budget.

Project List					
Priority	Plan Year	Area	Description	Cost*	Cumulative Total
1	2019	J	Rebuild Wall	\$52,500	\$52,500
2	2019	I	Extend Pipe	\$900	\$53,400
3	2020	F	Rebuild Wall	\$60,000	\$113,400
4	2020	C	Undermining	\$22,500	\$135,900
5	2020	I	Rebuild Wall	\$132,000	\$267,900
6	2021	C	Rebuild Wall	\$30,000	\$297,900
7	2021	G	Rebuild Wall	\$30,000	\$327,900
8	2021	M	Riprap Repair	\$3,000	\$330,900
9	2021	O	Riprap Repair	\$3,000	\$333,900
10	2021	E	Tree Clearing	\$14,250	\$348,150
11	2021	F	Tree Clearing	\$22,500	\$370,650
12	2021	H	Tree Clearing	\$36,000	\$406,650
13	2021	K	Tree Clearing	\$3,600	\$410,250
14	2021	L	Tree Clearing	\$3,000	\$413,250

*20% Contingency has been included in the cost.



May 24, 2018

At the Board's request, the area of Turkey Creek within the District's jurisdiction was inspected to identify potential capital projects for the 2019 Capital Improvements Plan. Based on that inspection, the following list of items was identified. The cost information was based on the most recent work performed by Max Rieke & Bros. for the drainage district.

Engineer's Opinion of Probable Cost - Turkey Creek Maintenance

Area	Description	UNIT	UNIT PRICE	QUANTITY	Cost
A	CONSTRUCT TOE WALL	EA	\$ 1,500.00	1	\$ 1,500.00
B	GRUBBING	LF	\$ 10.00	125	\$ 1,250.00
C	UNDER-MINING	LF	\$ 100.00	225	\$ 22,500.00
D	UNDER-MINING	LF	\$ 100.00	60	\$ 6,000.00
E	CONSTRUCT TOE WALL	EA	\$ 1,500.00	1	\$ 1,500.00
F	GRUBBING	LF	\$ 10.00	600	\$ 6,000.00
G	WALL REPAIR, REMOVE REPLACE TOP LAYER, FILL VOIDS	LF	\$ 100.00	35	\$ 3,500.00
H	GRUBBING	LF	\$ 10.00	400	\$ 4,000.00
I	EXTEND PIPE	EA	\$ 750.00	1	\$ 750.00
J	WALL REBUILD	LF	\$ 250.00	175	\$ 43,750.00
K	CUT DITCH	LF	\$ 25.00	285	\$ 7,125.00
L	GRUBBING	LF	\$ 10.00	150	\$ 1,500.00
M	UNDER-MINING	LF	\$ 100.00	180	\$ 18,000.00
N	GRUBBING	LF	\$ 10.00	400	\$ 4,000.00
TOTAL					\$ 121,375.00



A – CONSTRUCT TOE WALL - \$1,500



B – GRUBBING - \$1,250



C – UNDERMINING - \$22,500



D – UNDERMINING - \$6,000



E – CONSTRUCT TOE WALL - \$1,500



F – GRUBBING - \$6,000



G – WALL REPAIR - \$3,500



H – GRUBBING - \$4,000



I – EXTEND PIPE - \$750



J – REBUILD WALL - \$43,750



K – CUT DITCH - \$7,150



L – GRUBBING - \$1,500



M – UNDERMINING - \$18,000



N – WEED AND FILL VOIDS - \$4,000



July 1, 2019

At the Board's request, the area of Turkey Creek within the District's jurisdiction was inspected to identify potential capital projects for the 2020 Capital Improvements Plan. Based on that inspection, the following list of items was identified. The cost information was based on the most recent work performed by Max Rieke & Bros. for the drainage district.

Engineer's Opinion of Probable Cost - Turkey Creek Maintenance

Area	Description	UNIT	UNIT PRICE	QUANTITY	Cost
A	HOLE REPAIR	EA	\$500.00	1	\$500.00
B	HOLE REPAIR	EA	\$500.00	1	\$500.00
C	UNDER-MINING	LF	\$125.00	150	\$18,750.00
D	HOLE REPAIR	EA	\$500.00	1	\$500.00
E	HOLE REPAIR	EA	\$500.00	1	\$500.00
F	REPAIR WALL	LF	\$500.00	100	\$50,000
G	PLANTING MAINTENANCE	EA	\$1,500	1	\$1,500
H	HOLE REPAIR	EA	\$500.00	3	\$1,500.00
I	REPAIR WALL	EA	\$500.00	220	\$110,000
				TOTAL	\$ 183,750



A – HOLE REPAIR - \$500



B – HOLE REPAIR - \$500



C – UNDERMINING - \$18,750



D – HOLE REPAIR - \$500



E – HOLE REPAIR - \$500



F – REPAIR WALL - \$50,000



G – PLANTING MAINTENANCE - \$1,500



H – HOLE REPAIRS - \$1,500



I – REPAIR WALL - \$110,000



May 29, 2020

At the Board's request, the area of Turkey Creek within the District's jurisdiction was inspected to identify potential capital projects for the 2021 Capital Improvements Plan. Based on that inspection, the following list of items was identified. The cost information was based on the most recent work performed by Max Rieke & Bros. for the drainage district.

Engineer's Opinion of Probable Cost - Turkey Creek Maintenance

Area	Description	UNIT	UNIT PRICE	QUANTITY	Cost
A	HOLES	LF	\$100.00	75	\$7,500.00
B	CLEAR TREES & BRUSH	LF	\$25.00	100	\$2,500.00
C	WALL REPAIR	LF	\$500.00	50	\$25,000.00
D	WALL REPAIR	LF	\$500.00	30	\$15,000.00
E	CLEAR TREES & BRUSH	LF	\$25.00	475	\$11,875.00
F	CLEAR TREES & BRUSH	LF	\$25.00	750	\$18,750.00
G	WALL REPAIR	LF	\$500.00	50	\$25,000.00
H	CLEAR TREES & BRUSH	LF	\$25.00	1,200	\$30,000.00
I	HOLES	LF	\$100.00	75	\$7,500.00
J	HOLES	LF	\$100.00	20	\$2,000.00
K	CLEAR TREES & BRUSH	LF	\$25.00	120	\$3,000.00
L	CLEAR TREES & BRUSH	LF	\$25.00	100	\$2,500.00
M	RIPRAP REPAIR BELOW OUTFALL	EA	\$2,500.00	1	\$2,500.00
O	RIPRAP REPAIR BELOW OUTFALL	EA	\$2,500.00	1	\$2,500.00
TOTAL					\$ 155,625.00

Turkey Creek - Proposed 2021 Capital Project Locations (1 of 2)

Date: 5/29/2020



Turkey Creek - Proposed 2021 Capital Project Locations

(2 of 2)

Date: 5/29/2020

