

CITY OF COLERAINE
 TRAIL ENHANCEMENT - EAGLE RIDGE TRAIL CONNECTOR
 COLER 154140
 SEQ

X:\AE\C\COLER\154140\1-gen\13-misc\CIP Drafts\2020 CIP LIST_COLERAINE_082720.xlsx]Low Priority

TRAIL ENHANCEMENT - EAGLE RIDGE TRAIL CONNECTOR							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 2,500.00	\$ 2,500.00	
2	2021.501	MOBILIZATION	L S	1	\$ 10,000.00	\$ 10,000.00	
3	2101.511	CLEARING AND GRUBBING	L S	1	\$ 5,000.00	\$ 5,000.00	TRIMMING
4	2105.507	COMMON EXCAVATION	CY	400	\$ 25.00	\$ 10,000.00	TRAIL GRADING ESTIMATE
5	2211.501	AGGREGATE BASE CLASS 5	CY	40	\$ 45.00	\$ 1,800.00	6" DEPTH
6	2112.501	SUBGRADE PREPARATION	ROAD STA	4.0	\$ 300.00	\$ 1,200.00	
7	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	260	\$ 100.00	\$ 26,000.00	2.5" THICK
8	2301.000	6" CONCRETE DRIVEWAY	SQ FT	300	\$ 12.00	\$ 3,600.00	ADA COMPLIANCE
9	2301.000	TRUNCATED DOME	SQ FT	30	\$ 50.00	\$ 1,500.00	ADA COMPLIANCE
10	2564.502	INSTALL SIGN	EACH	4	\$ 200.00	\$ 800.00	BIKE LANE
11	2104.502	SIGN PANEL TYPE C	SQ FT	10	\$ 75.00	\$ 750.00	
12	2563.601	TRAFFIC CONTROL	L S	1	\$ 1,000.00	\$ 1,000.00	
13	2573.502	SILT FENCE, TYPE MS	L F	500	\$ 3.00	\$ 1,500.00	
14	2575.601	TEMPORARY EROSION CONTROL	L S	1	\$ 3,000.00	\$ 3,000.00	
15	2575.555	TURF ESTABLISHMENT	L S	1	\$ 5,000.00	\$ 5,000.00	

ESTIMATED TOTAL \$ 73,650.00

CONSTRUCTION TOTAL				\$ 73,650
CONTINGENCY (10%)				\$ 7,365
ENGINEERING/ADMIN (18%)				\$ 13,257
PROJECT ESTIMATE				\$ 94,272

COLERAINE, MINNESOTA
 SKI HILL PARKING LOT EXPANSION
 SEH NO. COLER 154140
 ESTIMATE PREPARED - 2020
 UPDATED 3/4/2020

RURAL

SKI HILL PARKING LOT EXPANSION							
LINE NO.	ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	QUANTITY	TOTAL PRICE	NOTES
1	2011.601	CONSTRUCTION SURVEYING	LUMP SUM	\$ 2,000.00	1	\$ 2,000	
2	2021.501	MOBILIZATION	LUMP SUM	\$ 10,000.00	1	\$ 10,000.00	5% OF BID, ESTIMATE
3	2105.501	COMMON EXCAVATION	C Y	\$ 15.00	2500.0	\$ 37,500.00	6" UNDER PARKING LOT, SWALES/DITCHIN
4	2211.503	AGGREGATE BASE (CV) CLASS 5	C Y	\$ 21.00	2250.0	\$ 47,250.00	6" DEPTH, INCLUDES BOTH LOTS (120,000
5	2521.501	4" CONCRETE WALK	S F	\$ 4.00	600	\$ 2,400.00	
6	2531.507	6" CONCRETE DRIVEWAY PAVEMENT	S Y	\$ 126.00	138.0	\$ 17,388.00	ADA Parking Stalls
7	2531.618	TRUNCATED DOMES	S F	\$ 60.00	24	\$ 1,440.00	ADA LANDING PADS
8	2563.601	TRAFFIC CONTROL	LUMP SUM	\$ 1,000.00	1	\$ 1,000.00	1.0%
9	2564.502	INSTALL SIGN	E A	\$ 200.00	5	\$ 1,000.00	ADA PARKING STALLS, LOT WAYFINDING
10	2564.531	SIGN PANELS TYPE SPECIAL	S F	\$ 75.00	18.5	\$ 1,387.50	STOP SIGN, ADA PARKING,
11	2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	\$ 3,000.00	1	\$ 3,000.00	1.5%
12	2573.503	SILT FENCE, TYPE MS	LIN FT	\$ 4.00	750	\$ 3,000.00	
13	2574.507	COMMON TOPSOIL BORROW (LV)	CU YD	\$ 50.00	50	\$ 2,500.00	
14	2574.508	FERTILIZER TYPE 4	LBS	\$ 20.00	50	\$ 1,000.00	18-1-8 @ 180 LBS/AC
15	2575.504	EROSION CONTROL BLANKETS CATEGORY	SQ YD	\$ 10.00	100	\$ 1,000.00	WOOD FIBER, NATURAL NET
16	2575.505	SEEDING	AC	\$ 400.00	0.5	\$ 200.00	
17	2575.508	SEED MIXTURE 35-221	LBS	\$ 30.00	20	\$ 600.00	NATIVE MIX: 37 LBS/AC
18	2575.508	HYDRAULIC REINFORCED FIBER MATRIX (R)	LBS	\$ 2.00	1750	\$ 3,500.00	3500 LBS/AC
19	2582.503	4" SOLID LINE PAINT	LIN FT	\$ 1.00	100	\$ 100.00	STALLS
20	2582.618	PAVEMENT MARKING SPECIAL	SF	\$ 15.00	32	\$ 480.00	ADA PARKING SYMBOL

\$134,745.50

CONSTRUCTION TOTAL				\$ 134,746
CONTINGENCY (10%)				\$ 13,475
ENGINEERING/ADMIN (18%)				\$ 24,254
PROJECT ESTIMATE				\$ 172,474

COLERAINE, MINNESOTA
 ARENA PARKING LOT EXPANSION
 SEH NO. COLER 154140
 ESTIMATE PREPARED - 2020
 UPDATED 3/4/2020

ARENA PARKING LOT EXPANSION						
LINE NO.	ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	QUANTITY	TOTAL PRICE
1	2011.601	CONSTRUCTION SURVEYING	L S	\$ 2,000.00	1	\$ 2,000
2	2021.501	MOBILIZATION	LUMP SUM	\$ 10,000.00	1	\$ 10,000.00
3	2104.501	SOIL TESTING	LUMP SUM	\$ 3,000.00	1	\$ 3,000.00
4	2105.501	COMMON EXCAVATION	C Y	\$ 15.00	1100.0	\$ 16,500.00
5	2211.503	AGGREGATE BASE (CV) CLASS 5	C Y	\$ 21.00	850.0	\$ 17,850.00
6	2360.501	TYPE SP 9.5 WEAR COURSE MIX (2.B)	TON	\$ 80.00	515.0	\$ 41,200.00
7	2501.503	18" PVC PIPE SEWER	LIN FT	\$ 60.00	150.0	\$ 9,000.00
8	2501.503	12" PVC PIPE SEWER	LIN FT	\$ 55.00	120.0	\$ 6,600.00
9	2506.502	CONSTRUCT DRAINAGE STRUCTURE G	EACH	\$ 2,000.00	3.0	\$ 6,000.00
10	2506.602	CONNECT TO EXISTING STORM SEWER	EACH	\$ 1,500.00	1.0	\$ 1,500.00
11	2521.501	4" CONCRETE WALK	S F	\$ 4.00	2000	\$ 8,000.00
12	2531.507	6" CONCRETE DRIVEWAY PAVEMENT	S Y	\$ 126.00	12	\$ 1,512.00
13	2531.618	TRUNCATED DOMES	S F	\$ 60.00	48	\$ 2,880.00
14	2545.502	LIGHTING UNIT TYPE SPECIAL	EACH	\$ 5,000.00	9	\$ 45,000.00
15	2545.502	LIGHT FOUNDATION DESIGN E MODIFIED	EACH	\$ 1,500.00	9	\$ 13,500.00
16	2545.502	SERVICE CABINET	EACH	\$ 9,000.00	1	\$ 9,000.00
17	2545.502	EQUIPMENT PAD	EACH	\$ 2,000.00	1	\$ 2,000.00
18	2545.502	HAND HOLE	EACH	\$ 1,000.00	2	\$ 2,000.00
19	2545.502	1-1/2" NON-METALLIC CONDUIT	LIN FT	\$ 6.00	1500	\$ 9,000.00
20	2545.502	UNDERGROUND WIRE 1/C 8 AWG	LIN FT	\$ 1.75	1500	\$ 2,625.00
21	2545.502	UNDERGROUND WIRE 1/0	LIN FT	\$ 4.00	300	\$ 1,200.00
22	2563.601	TRAFFIC CONTROL	LUMP SUM	\$ 2,000.00	1	\$ 2,000.00
23	2564.502	INSTALL SIGN	EA	\$ 200.00	5	\$ 1,000.00
24	2564.531	SIGN PANELS TYPE SPECIAL	S F	\$ 75.00	18.5	\$ 1,387.50
25	2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	\$ 3,000.00	1	\$ 3,000.00
26	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$ 200.00	1	\$ 200.00
27	2573.503	SILT FENCE, TYPE MS	LIN FT	\$ 4.00	750	\$ 3,000.00
28	2574.507	COMMON TOPSOIL BORROW (LV)	CU YD	\$ 50.00	50	\$ 2,500.00
29	2574.508	FERTILIZER TYPE 4	LBS	\$ 20.00	50	\$ 1,000.00
30	2575.504	EROSION CONTROL BLANKETS CATEGORY	SQ YD	\$ 10.00	100	\$ 1,000.00
31	2575.505	SEEDING	AC	\$ 400.00	0.5	\$ 200.00
32	2575.508	SEED MIXTURE 35-221	LBS	\$ 30.00	20	\$ 600.00
33	2575.508	HYDRAULIC REINFORCED FIBER MATRIX (R	LBS	\$ 2.00	1750	\$ 3,500.00
34	2582.503	4" SOLID LINE PAINT	LIN FT	\$ 1.00	3500	\$ 3,500.00
35	2582.618	PAVEMENT MARKING SPECIAL	SF	\$ 15.00	32	\$ 480.00

\$231,734.50

CONSTRUCTION TOTAL			\$ 231,735
CONTINGENCY (10%)			\$ 23,173
ENGINEERING/ADMIN (18%)			\$ 41,712
PROJECT ESTIMATE			\$ 296,620

COLERAINE, MINNESOTA
 FOOTBALL FIELD EVENT PARKING LOT
 SEH NO. COLER 154140
 ESTIMATE PREPARED - 2020
 UPDATED 3/4/2020

FOOTBALL FIELD EVENT PARKING LOT						
LINE NO.	ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	QUANTITY	TOTAL PRICE
1	2011.601	CONSTRUCTION SURVEYING	L S	\$ 2,000.00	1	\$ 2,000
2	2021.501	MOBILIZATION	LUMP SUM	\$ 10,000.00	1	\$ 10,000.00
3	2104.501	SOIL TESTING	LUMP SUM	\$ 3,000.00	1	\$ 3,000.00
4	2105.501	COMMON EXCAVATION	C Y	\$ 15.00	1100.0	\$ 16,500.00
5	2211.503	AGGREGATE BASE (CV) CLASS 5	C Y	\$ 21.00	850.0	\$ 17,850.00
6	2360.501	TYPE SP 9.5 WEAR COURSE MIX (2.B)	TON	\$ 80.00	515.0	\$ 41,200.00
7	2521.501	4" CONCRETE WALK	S F	\$ 4.00	2000	\$ 8,000.00
8	2531.507	6" CONCRETE DRIVEWAY PAVEMENT	S Y	\$ 126.00	12	\$ 1,512.00
9	2531.618	TRUNCATED DOMES	S F	\$ 60.00	48	\$ 2,880.00
10	2545.502	LIGHTING UNIT TYPE SPECIAL	EACH	\$ 5,000.00	9	\$ 45,000.00
11	2545.502	LIGHT FOUNDATION DESIGN E MODIFIED	EACH	\$ 1,500.00	9	\$ 13,500.00
12	2545.502	SERVICE CABINET	EACH	\$ 9,000.00	1	\$ 9,000.00
13	2545.502	EQUIPMENT PAD	EACH	\$ 2,000.00	1	\$ 2,000.00
14	2545.502	HAND HOLE	EACH	\$ 1,000.00	2	\$ 2,000.00
15	2545.502	1-1/2" NON-METALLIC CONDUIT	LIN FT	\$ 6.00	1500	\$ 9,000.00
16	2545.502	UNDERGROUND WIRE 1/C 8 AWG	LIN FT	\$ 1.75	1500	\$ 2,625.00
17	2545.502	UNDERGROUND WIRE 1/0	LIN FT	\$ 4.00	300	\$ 1,200.00
18	2563.601	TRAFFIC CONTROL	LUMP SUM	\$ 2,000.00	1	\$ 2,000.00
19	2564.502	INSTALL SIGN	EA	\$ 200.00	5	\$ 1,000.00
20	2564.531	SIGN PANELS TYPE SPECIAL	S F	\$ 75.00	18.5	\$ 1,387.50
21	2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM	\$ 3,000.00	1	\$ 3,000.00
22	2573.502	STORM DRAIN INLET PROTECTION	EACH	\$ 200.00	1	\$ 200.00
23	2573.503	SILT FENCE, TYPE MS	LIN FT	\$ 4.00	750	\$ 3,000.00
24	2574.507	COMMON TOPSOIL BORROW (LV)	CU YD	\$ 50.00	50	\$ 2,500.00
25	2574.508	FERTILIZER TYPE 4	LBS	\$ 20.00	50	\$ 1,000.00
26	2575.504	EROSION CONTROL BLANKETS CATEGORY	SQ YD	\$ 10.00	100	\$ 1,000.00
27	2575.505	SEEDING	AC	\$ 400.00	0.5	\$ 200.00
28	2575.508	SEED MIXTURE 35-221	LBS	\$ 30.00	20	\$ 600.00
29	2575.508	HYDRAULIC REINFORCED FIBER MATRIX (R	LBS	\$ 2.00	1750	\$ 3,500.00
30	2582.503	4" SOLID LINE PAINT	LIN FT	\$ 1.00	3500	\$ 3,500.00
31	2582.618	PAVEMENT MARKING SPECIAL	SF	\$ 15.00	32	\$ 480.00

\$208,634.50

CONSTRUCTION TOTAL			\$ 208,635
CONTINGENCY (10%)			\$ 20,863
ENGINEERING/ADMIN (18%)			\$ 37,554
PROJECT ESTIMATE			\$ 267,052

CITY OF COLERAINE
BITUMINOUS OVERLAY - GUNN ROAD
COLER 154140
SEQ

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BITUMINOUS OVERLAY - GUNN ROAD							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 1,000	\$ 1,000	
2	2021.501	MOBILIZATION	L S	1	\$ 9,000	\$ 9,000	
3	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	56	\$ 5	\$ 278	TIE IN
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	TIE IN
5	2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 1	CY	174	\$ 60	\$ 10,444	
6	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	2530	\$ 90	\$ 227,700	2.5" THICK
7	2582.502	4" SOLID LINE - PAINT	L F	18800	\$ 2	\$ 28,200	FOG LINE
8	2582.502	4" DOUBLE SOLID LINE - PAINT	L F	9400	\$ 1	\$ 9,400	CENTERLINE

ESTIMATED TOTAL \$ 286,172

CONSTRUCTION TOTAL			\$ 286,172
CONTINGENCY (10%)			\$ 28,617
ENGINEERING (10%)			\$ 28,617
PROJECT ESTIMATE			\$ 343,407

BITUMINOUS OVERLAY - HOOPMAN DRIVE							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 1,000	\$ 1,000	
2	2021.501	MOBILIZATION	L S	1	\$ 3,000	\$ 3,000	
3	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	56	\$ 5	\$ 278	TIE IN
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	TIE IN
5	2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 1	CY	24	\$ 60	\$ 1,428	
6	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	350	\$ 100	\$ 35,000	2.5" THICK
7	2582.502	4" SOLID LINE - PAINT	L F	2570	\$ 2	\$ 3,855	FOG LINE
8	2582.502	4" DOUBLE SOLID LINE - PAINT	L F	1285	\$ 1	\$ 1,285	CENTERLINE

ESTIMATED TOTAL \$ 45,996

CONSTRUCTION TOTAL			\$ 45,996
CONTINGENCY (10%)			\$ 4,600
ENGINEERING (10%)			\$ 4,600
PROJECT ESTIMATE			\$ 55,195

BITUMINOUS OVERLAY - KESSLER DRIVE							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 1,000	\$ 1,000	
2	2021.501	MOBILIZATION	L S	1	\$ 3,000	\$ 3,000	
3	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	56	\$ 5	\$ 278	TIE IN
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	TIE IN
5	2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 1	CY	56	\$ 60	\$ 3,333	
6	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	810	\$ 90	\$ 72,900	2.5" THICK
7	2582.502	4" SOLID LINE - PAINT	L F	6000	\$ 2	\$ 9,000	FOG LINE
8	2582.502	4" DOUBLE SOLID LINE - PAINT	L F	3000	\$ 1	\$ 3,000	CENTERLINE

ESTIMATED TOTAL \$ 92,661

CONSTRUCTION TOTAL			\$ 92,661
CONTINGENCY (10%)			\$ 9,266
ENGINEERING (10%)			\$ 9,266
PROJECT ESTIMATE			\$ 111,193

BITUMINOUS OVERLAY - BROCK LANE							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 1,000	\$ 1,000	
2	2021.501	MOBILIZATION	L S	1	\$ 3,000	\$ 3,000	
3	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	56	\$ 5	\$ 278	TIE IN
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	TIE IN
5	2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 1	CY	37	\$ 60	\$ 2,222	
6	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	540	\$ 90	\$ 48,600	2.5" THICK
7	2582.502	4" SOLID LINE - PAINT	L F	4000	\$ 2	\$ 6,000	FOG LINE
8	2582.502	4" DOUBLE SOLID LINE - PAINT	L F	2000	\$ 1	\$ 2,000	CENTERLINE

ESTIMATED TOTAL \$ 63,250

CONSTRUCTION TOTAL			\$ 63,250
CONTINGENCY (10%)			\$ 6,325
ENGINEERING (10%)			\$ 6,325
PROJECT ESTIMATE			\$ 75,900

BITUMINOUS OVERLAY - HAKALA LANE							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 1,000	\$ 1,000	
2	2021.501	MOBILIZATION	L S	1	\$ 3,000	\$ 3,000	
3	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	56	\$ 5	\$ 278	TIE IN
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	TIE IN
5	2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 1	CY	31	\$ 60	\$ 1,889	
6	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	460	\$ 100	\$ 46,000	2.5" THICK
7	2582.502	4" SOLID LINE - PAINT	L F	3400	\$ 2	\$ 5,100	FOG LINE
8	2582.502	4" DOUBLE SOLID LINE - PAINT	L F	1700	\$ 1	\$ 1,700	CENTERLINE

ESTIMATED TOTAL \$ 59,117

CONSTRUCTION TOTAL				\$	59,117
CONTINGENCY (10%)				\$	5,912
ENGINEERING (10%)				\$	5,912
PROJECT ESTIMATE				\$	70,940

BITUMINOUS OVERLAY - WOODLAND POND ROAD							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 1,000	\$ 1,000	
2	2021.501	MOBILIZATION	L S	1	\$ 3,000	\$ 3,000	
3	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	56	\$ 5	\$ 278	TIE IN
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	TIE IN
5	2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 1	CY	41	\$ 60	\$ 2,472	
6	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	600	\$ 90	\$ 54,000	2.5" THICK
7	2582.502	4" SOLID LINE - PAINT	L F	4450	\$ 2	\$ 6,675	FOG LINE
8	2582.502	4" DOUBLE SOLID LINE - PAINT	L F	2225	\$ 1	\$ 2,225	CENTERLINE

ESTIMATED TOTAL \$ 69,800

CONSTRUCTION TOTAL				\$	69,800
CONTINGENCY (10%)				\$	6,980
ENGINEERING (10%)				\$	6,980
PROJECT ESTIMATE				\$	83,760

BITUMINOUS OVERLAY - MIDWAY LANE ROAD							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 1,000	\$ 1,000	
2	2021.501	MOBILIZATION	L S	1	\$ 4,000	\$ 4,000	
3	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	56	\$ 5	\$ 278	TIE IN
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	TIE IN
5	2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 1	CY	65	\$ 60	\$ 3,889	
6	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	940	\$ 90	\$ 84,600	2.5" THICK
7	2582.502	4" SOLID LINE - PAINT	L F	7000	\$ 2	\$ 10,500	FOG LINE
8	2582.502	4" DOUBLE SOLID LINE - PAINT	L F	3500	\$ 1	\$ 3,500	CENTERLINE

ESTIMATED TOTAL \$ 107,917

CONSTRUCTION TOTAL				\$	107,917
CONTINGENCY (10%)				\$	10,792
ENGINEERING (10%)				\$	10,792
PROJECT ESTIMATE				\$	129,500

CRACK SEALING OPTION - MIDWAY LANE ROAD							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2231.508	BITUMINOUS SURFACE CRACK AND JOINT REPAIR	L S	1	\$ 20,465	\$ 20,465	BARGEN QUOTE

ESTIMATED TOTAL \$ 20,465

CONSTRUCTION TOTAL				\$	20,465
CONTINGENCY (10%)				\$	2,047
ENGINEERING				\$	960
PROJECT ESTIMATE				\$	23,472

BITUMINOUS OVERLAY - PEAR LAKE ROAD							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 1,000	\$ 1,000	
2	2021.501	MOBILIZATION	L S	1	\$ 5,000	\$ 5,000	
3	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	56	\$ 5	\$ 278	TIE IN
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	TIE IN
5	2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 1	CY	128	\$ 60	\$ 7,694	
6	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	1860	\$ 90	\$ 167,400	2.5" THICK
7	2582.502	4" SOLID LINE - PAINT	L F	13850	\$ 2	\$ 20,775	FOG LINE
8	2582.502	4" DOUBLE SOLID LINE - PAINT	L F	6925	\$ 1	\$ 6,925	CENTERLINE

ESTIMATED TOTAL \$ 209,222

CONSTRUCTION TOTAL				\$	209,222
CONTINGENCY (10%)				\$	20,922
ENGINEERING (10%)				\$	20,922
PROJECT ESTIMATE				\$	251,067

BITUMINOUS OVERLAY - JESSIE MINE ROAD							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 1,000	\$ 1,000	
2	2021.501	MOBILIZATION	L S	1	\$ 3,000	\$ 3,000	
3	2104.504	REMOVE BITUMINOUS PAVEMENT	SY	56	\$ 5	\$ 278	TIE IN
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	TIE IN
5	2221.507	SHOULDER BASE AGGREGATE (CV) CLASS 1	CY	26	\$ 60	\$ 1,566	
6	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	380	\$ 100	\$ 38,000	2.5" THICK
7	2582.502	4" SOLID LINE - PAINT	L F	2800	\$ 2	\$ 4,200	FOG LINE
8	2582.502	4" DOUBLE SOLID LINE - PAINT	L F	1400	\$ 1	\$ 1,400	CENTERLINE

ESTIMATED TOTAL \$ 49,583

CONSTRUCTION TOTAL				\$	49,583
CONTINGENCY (10%)				\$	4,958
ENGINEERING (10%)				\$	4,958
PROJECT ESTIMATE				\$	59,500

RURAL BITUMINOUS STREETS RECENT TO ANNEXATION							
LINE NO.	STREET	BIT LENGTH	STREET WIDTH	SURFACE AREA [SF]	SURFACE AREA [SY]	BIT THICKNESS THICKNESS [IN]	BIT MIX [TONS]
1	GUNN ROAD	9400	22	206800	22978	2	2530
2	HOOPMAN DRIVE	1285	22	28270	3141	2	350
3	KESSLER DRIVE	3000	22	66000	7333	2	810
4	BROCK LANE	2000	22	44000	4889	2	540
5	HAKALA LANE	1700	22	37400	4156	2	460
6	WOODLAND POND RD	2225	22	48950	5439	2	600
7	MIDWAY LANE	3500	22	77000	8556	2	940
8	JESSIE MINE ROAD	1400	22	30800	3422	2	380
9	PEAR LAKE ROAD	6925	22	152350	16928	2	1860
			TOTAL	691570	76841		8470
	LENGTH IS APPROX						
	ASSUMED WIDTH						

CITY OF COLERAINE
GRAVEL ROAD RESTORATION
COLER 154140
SEQ

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GRAVEL ROAD RESTORATION							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 2,000.00	\$ 2,000.00	
2	2021.501	MOBILIZATION	L S	1	\$ 6,000.00	\$ 6,000.00	
3	2101.511	CLEARING AND GRUBBING	L S	1	\$ 10,000.00	\$ 10,000.00	CLEARING OF ROW
4	2211.501	AGGREGATE BASE CLASS 5	CY	4250	\$ 40.00	\$ 170,000.00	3" DEPTH, GRADE, COMPACT
5	2563.601	TRAFFIC CONTROL	L S	1	\$ 5,000.00	\$ 5,000.00	

ESTIMATED TOTAL \$ 193,000.00

CONSTRUCTION TOTAL				\$ 193,000
CONTINGENCY (10%)				\$ 19,300
ENGINEERING (10%)				\$ 19,300
PROJECT ESTIMATE				\$ 231,600

RURAL GRAVEL STREETS RECENT TO ANNEXATION				
	GRAVEL LENGTH	BIT LENGTH	STREET WIDTH	SURFACE AREA [FT2]
KESSLER DRIVE	1000	3000	22	22000
NIX ROAD	500		22	11000
PRAIRIE RIVER TRAIL	1900		22	41800
E RANGELINE ROAD	4000		22	88000
JESS HARRY ROAD	12000		22	264000
MADSON DRIVE	1325		22	29150
TOTAL	20725	3000	22	455950
LENGTH IS APPROX				
ASSUMED WIDTH				

CITY OF COLERAINE
 TRAIL ENHANCEMENT - GAYLEY AVE CROSSING
 COLER 154140
 SEQ

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TRAIL ENHANCEMENT - GAYLEY AVE CROSSING							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 2,000.00	\$ 2,000.00	
2	2021.501	MOBILIZATION	L S	1	\$ 3,000.00	\$ 3,000.00	
3	2101.511	CLEARING AND GRUBBING	L S	1	\$ 1,000.00	\$ 1,000.00	TRIMMING
4	2104.503	REMOVE CHAIN LINK FENCE	LIN FT	100	\$ 5.00	\$ 500.00	
5	2104.503	REMOVE CONCRETE WALK	SF	100	\$ 7.00	\$ 700.00	
6	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	20	\$ 3.00	\$ 60.00	
7	2105.507	COMMON EXCAVATION	CY	71	\$ 22.00	\$ 1,562.00	
8	2211.501	AGGREGATE BASE CLASS 5	CY	71	\$ 45.00	\$ 3,208.33	6" DEPTH
9	2112.501	SUBGRADE PREPARATION	ROAD STA	4.0	\$ 300.00	\$ 1,200.00	
10	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	53	\$ 90.00	\$ 4,812.50	2.5" THICK
11	2557.603	INSTALL CHAIN LINK FENCE	LIN FT	300	\$ 25.00	\$ 7,500.00	FIELD SECURITY
12	2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	15	\$ 21.00	\$ 315.00	
13	2301.000	4" CONCRETE WALK	SQ FT	100	\$ 8.00	\$ 800.00	
14	2301.000	8" CONCRETE DRIVEWAY	SQ FT	200	\$ 12.00	\$ 2,400.00	
15	2301.000	TRUNCATED DOME	SQ FT	20	\$ 50.00	\$ 1,000.00	ADA COMPLIANCE
16	2564.502	INSTALL SIGN	EACH	3	\$ 200.00	\$ 600.00	BIKE LANE
17	2104.502	SIGN PANEL TYPE C	SQ FT	6	\$ 75.00	\$ 450.00	
18	2501.502	24" GS PIPE APRON	EACH	2	\$ 900.00	\$ 1,800.00	
19	2501.503	24" CS PIPE CULVERT	LIN FT	25	\$ 40.00	\$ 1,000.00	
20	2563.601	TRAFFIC CONTROL	L S	1	\$ 500.00	\$ 500.00	
21	2573.502	SILT FENCE, TYPE MS	L F	500	\$ 3.00	\$ 1,500.00	
22	2573.533	SEDIMENT CONTROL LOG - TYPE STRAW	E A	5	\$ 50.00	\$ 250.00	
23	2573.530	INLET PROTECTION	E A	5	\$ 250.00	\$ 1,250.00	
24	2575.601	TEMPORARY EROSION CONTROL	L S	1	\$ 1,000.00	\$ 1,000.00	
25	2575.555	TURF ESTABLISHMENT	L S	1	\$ 1,000.00	\$ 1,000.00	
26	2582.502	4" SOLID LINE WHITE - PAINT	L F	3600	\$ 1.50	\$ 5,400.00	
27	2582.502	4" BROKEN LINE YELLOW - PAINT	L F	1800	\$ 1.00	\$ 1,800.00	

ESTIMATED TOTAL \$ 46,607.83

CONSTRUCTION TOTAL				\$ 46,608
CONTINGENCY (10%)				\$ 4,661
ENGINEERING/ADMIN (18%)				\$ 8,389
PROJECT ESTIMATE				\$ 59,658

**CITY OF COLERAINE
SEBENIUS AND NORTH ALLEY WATER IMPROVEMENTS
COLER 154140
PRELIMINARY COST ESTIMATE**

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SEBENIUS AND NORTH ALLEY WATER IMPROVEMENTS							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 10,000	\$ 15,000	
2	2021.501	MOBILIZATION	L S	1	\$ 30,000	\$ 35,000	
3	2101.511	CLEARING AND GRUBBING	L S	1	\$ 1,000	\$ 1,000	TRIMMING
4	2104.503	REMOVE BITUMINOUS PAVEMENT (FULL DEPTH)	S Y	1356	\$ 3	\$ 4,067	
5	2104.503	REMOVE SEWER PIPE (STORM)	LIN FT	400	\$ 15	\$ 6,000	
6	2104.503	REMOVE WATERMAIN	LIN FT	900	\$ 15	\$ 13,500	
7	2104.503	REMOVE SEWER PIPE (SANITARY)	LIN FT	1000	\$ 15	\$ 15,000	
8	2104.503	REMOVE CURB AND GUTTER	LIN FT	900	\$ 11	\$ 9,900	
9	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	125	\$ 3	\$ 375	
10	2105.604	GEOTEXTILE FABRIC TYPE V	S Y	1000	\$ 3	\$ 3,000	
11	2112.501	SUBGRADE PREPARATION	ROAD STA	6.5	\$ 500	\$ 3,250	
12	2211.501	AGGREGATE BASE CLASS 5	CY	233	\$ 45	\$ 10,500	6" DEPTH
13	2301.000	8" CONCRETE DRIVEWAY	SQ FT	250	\$ 12	\$ 3,000	
14	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3.B)	TON	210	\$ 90	\$ 18,900	
15	2360.501	TYPE SP 12.5 NON WEAR COURSE MIX (3.B)	TON	210	\$ 90	\$ 18,900	
16	2360.501	BITUMINOUS PATCH	SQ YD	190	\$ 50	\$ 9,500	
17	2451.607	ROCK BEDDING (CV)	C Y	50	\$ 40	\$ 2,000	
18	2501.502	18" RC PIPE APRON	EACH	2	\$ 1,500	\$ 3,000	
19	2501.503	18" RC PIPE CULVERT	LIN FT	400	\$ 75	\$ 30,000	
20	2503.503	8" PVC PIPE SEWER (SANITARY)	LIN FT	1000	\$ 40	\$ 40,000	
21	2503.602	8"x4" PVC WYE (SANITARY)	EACH	10	\$ 350	\$ 3,500	
22	2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	3	\$ 2,000	\$ 6,000	
23	2503.602	CONNECT TO EXISTING SANITARY SEWER SERVICE	EACH	10	\$ 400	\$ 4,000	CLEANOUT
24	2503.603	4" PVC SANITARY SERVICE PIPE	LIN FT	250	\$ 40	\$ 10,000	
25	2504.000	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	100	\$ 42	\$ 4,200	
26	2504.000	8" WATER MAIN DUCTILE IRON CL 52	LIN FT	885	\$ 68	\$ 60,180	
27	2504.602	HYDRANT	EACH	2	\$ 3,000	\$ 6,000	
28	2504.602	6" GATE VALVE AND BOX	EACH	3	\$ 2,000	\$ 6,000	
29	2504.602	8" GATE VALVE AND BOX	EACH	3	\$ 2,500	\$ 7,500	
30	2504.602	CONNECT TO EXISTING WATERMAIN	EACH	5	\$ 2,100	\$ 10,500	
31	2504.602	CONNECT TO EXISTING WATER SERVICE	EACH	10	\$ 750	\$ 7,500	
32	2504.602	1" CORPORATION STOP	EACH	10	\$ 350	\$ 3,500	
33	2504.602	1" CURB STOP AND BOX	EACH	10	\$ 500	\$ 5,000	
34	2504.602	1" TYPE K COPPER PIPE	LIN FT	300	\$ 48	\$ 14,400	
35	2504.604	2" INSULATION	SQ YD	100	\$ 20	\$ 2,000	
36	2504.608	WATER MAIN FITTINGS	POUND	800	\$ 11	\$ 8,800	
37	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN G	EACH	5	\$ 1,500	\$ 7,500	
38	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	4	\$ 3,000	\$ 12,000	
39	2531.503	CONCRETE CURB AND GUTTER DESIGN S518	LIN FT	1300	\$ 23	\$ 29,900	
40	2563.601	TRAFFIC CONTROL	L S	1	\$ 1,000	\$ 1,000	
41	2573.000	RANDOM RIP RAP	C Y	20	\$ 50	\$ 1,000	CULVERT OUTLETS
42	2573.502	SILT FENCE, TYPE MS	L F	1000	\$ 3	\$ 3,000	
43	2573.530	INLET PROTECTION	E A	8	\$ 250	\$ 2,000	
44	2573.533	SEDIMENT CONTROL LOG - TYPE STRAW	E A	4	\$ 50	\$ 200	
45	2575.555	TURF ESTABLISHMENT	L S	1	\$ 4,000	\$ 4,000	
46	2575.601	TEMPORARY EROSION CONTROL	L S	1	\$ 3,000	\$ 3,000	
47	2582.502	4" DOUBLE LINE YELLOW - PAINT	L F	900	\$ 1	\$ 900	
48							
49				ESTIMATED TOTAL	\$	465,471.67	

CONSTRUCTION TOTAL				\$ 465,472
CONTINGENCY (10%)				\$ 46,547
ENGINEERING/ADMIN (18%)				\$ 83,785
PROJECT ESTIMATE				\$ 595,804

**CITY OF COLERAINE
ADA TRANSITION PLAN
COLER 154140**

- 1 CITY SHOULD CREATE AND ADOPT "Right-of-Way Transition Plan" FOR THE CITY OF COLERAINE. THE LEAGUE OF MINNESOTA CITIES HAS A TEMPLATE AVAILABLE. THEY RECOMMEND A SELF-EVALUATION BE PERFORMED AND CAN BE CONDUCTED BY VARIOUS GROUPS INCLUDING; SEASONAL EMPLOYEES, VOLUNTEERS, SAFETY COMMITTEE,
- 2 THE CITY SHOULD HAVE A ADA COORDINATOR WHO UNDERSTANDS THE NEED TO COORDINATE THE CITY'S EFFORT TO COMPLY WITH AND CARRY OUT THE ADA MANDATES.
- 3 THE CITY SHOULD HAVE A GRIVANCE PROCEDURE IN PLACE FOR RESOLVING COMPLAINTS OF VOLATIONS

CONSIDERATIONS:

ACCESSIBLE PARKING DESIGNATIONS
ACCESSIBILITY CODE ENFORCEMENT
IMPROVING ACCESS ROUTES
LONGYEAR PARK LOT IMPROVEMENTS: ACCESS, SIGNAGE, ROUTES, UNEVEN GROUND TRANSITIONS.

RESOURCE:

LMNC ADA SURVEY REPORT DATED 10-26-2018 TO CITY OF COLERAINE

CITY OF COLERAINE
MITCHEL AVE
COLER 154140
COST ESTIMATE

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MITCHEL AVE ESTIMATE							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 10,000	\$ 15,000	
2	2021.501	MOBILIZATION	L S	1	\$ 30,000	\$ 35,000	
3	2101.511	CLEARING AND GRUBBING	L S	1	\$ 1,000	\$ 1,000	TRIMMING
4	2104.503	REMOVE BITUMINOUS PAVEMENT (FULL DEPTH)	S Y	6269	\$ 3	\$ 18,806	
5	2104.503	REMOVE CONCRETE WALK	SF	30400	\$ 1	\$ 30,400	
6	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	250	\$ 3	\$ 750	
7							
8	2105.604	GEOTEXTILE FABRIC TYPE V	S Y	1000	\$ 3	\$ 3,000	
9	2211.501	AGGREGATE BASE CLASS 5	CY	1050	\$ 45	\$ 47,250	6" DEPTH
10	2112.501	SUBGRADE PREPARATION	ROAD STA	19.0	\$ 300	\$ 5,700	
11							
12	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	700	\$ 90	\$ 63,000	
13	2360.501	TYPE SP 12.5 NON WEAR COURSE MIX (3,B)	TON	700	\$ 90	\$ 63,000	
14	2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	3600	\$ 21	\$ 75,600	
15	2301.000	4" CONCRETE WALK	SQ FT	30400	\$ 8	\$ 243,200	
16	2301.000	6" CONCRETE WALK	SQ FT	1600.0	\$ 10	\$ 16,000	
17	2301.000	8" CONCRETE DRIVEWAY	SQ FT	500	\$ 12	\$ 6,000	
18	2301.000	TRUNCATED DOME	SQ FT	192	\$ 50	\$ 9,600	
19						\$ -	
20	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	7	\$ 3,000	\$ 21,000	
21	2506.502	CASTING ASSEMBLY (SANITARY)	EACH	7	\$ 900	\$ 6,300	
22	2503.503	8" PVC PIPE SEWER (SANITARY)	LIN FT	1950	\$ 40	\$ 78,000	
23	2503.602	8"X4" PVC WYE (SANITARY)	EACH	30	\$ 350	\$ 10,500	
24	2503.603	4" PVC SANITARY SERVICE PIPE	LIN FT	990	\$ 40	\$ 39,600	
25	2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	2	\$ 1,800	\$ 3,600	
26	2503.602	CONNECT TO EXISTING SANITARY SEWER SERVICE	EACH	30	\$ 400	\$ 12,000	
27						\$ -	
28	2504.000	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	100	\$ 42	\$ 4,200	
29	2504.000	8" WATER MAIN DUCTILE IRON CL 52	LIN FT	1850	\$ 68	\$ 125,800	
30	2504.000	12" WATERMAIN DUCTILE IRON CL 52	LIN FT	175	\$ 82	\$ 14,350	WEST AVE
31	2504.608	WATER MAIN FITTINGS	POUND	1000	\$ 11	\$ 11,000	
32	2504.602	HYDRANT	EACH	5	\$ 3,000	\$ 15,000	
33	2504.602	6" GATE VALVE AND BOX	EACH	5	\$ 2,000	\$ 10,000	
34	2504.602	8" GATE VALVE AND BOX	EACH	7	\$ 2,500	\$ 17,500	
35	2504.602	12" GATE VALVE AND BOX	EACH	1	\$ 4,000	\$ 4,000	
36	2504.602	CONNECT TO EXISTING WATERMAIN	EACH	8	\$ 2,100	\$ 16,800	
37	2504.602	CONNECT TO EXISTING WATER SERVICE	EACH	30	\$ 750	\$ 22,500	
38	2504.602	1" CORPORATION STOP	EACH	30	\$ 350	\$ 10,500	
39	2504.602	1" CURB STOP AND BOX	EACH	30	\$ 500	\$ 15,000	
40	2504.602	1" TYPE K COPPER PIPE	LIN FT	1000	\$ 48	\$ 48,000	
41	2504.604	2" INSULATION	SQ YD	150	\$ 20	\$ 3,000	
42						\$ -	
43	2451.607	ROCK BEDDING (CV)	C Y	100	\$ 40	\$ 4,000	
44	2563.601	TRAFFIC CONTROL	L S	1	\$ 4,000	\$ 4,000	
45	2573.502	SILT FENCE, TYPE MS	L F	3000	\$ 3	\$ 9,000	
46	2573.533	SEDIMENT CONTROL LOG - TYPE STRAW	E A	10	\$ 50	\$ 500	
47	2573.530	INLET PROTECTION	E A	20	\$ 250	\$ 5,000	
48	2575.601	TEMPORARY EROSION CONTROL	L S	1	\$ 5,000	\$ 5,000	
49	2575.555	TURF ESTABLISHMENT	L S	1	\$ 5,000	\$ 5,000	
50	2582.502	4" SOLID LINE WHITE - PAINT	L F	3600	\$ 2	\$ 5,400	
51	2582.502	4" BROKEN LINE YELLOW - PAINT	L F	1800	\$ 1	\$ 1,800	

ESTIMATED TOTAL \$ 1,161,656.33

CONSTRUCTION TOTAL				\$ 1,161,656
CONTINGENCY (10%)				\$ 116,166
ENGINEERING/ADMIN (18%)				\$ 209,098
PROJECT ESTIMATE				\$ 1,486,920

**CITY OF COLERAINE
MITCHEL AVE
COLER 154140
COST ESTIMATE**

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MITCHEL ALLEY ESTIMATE							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 3,000	\$ 5,000	
2	2021.501	MOBILIZATION	L S	1	\$ 6,000	\$ 20,000	
3	2101.511	CLEARING AND GRUBBING	L S	1	\$ 500	\$ 500	MISC TRIMMING
4	2104.503	REMOVE PIPE CULVERTS	LIN FT	350	\$ 15	\$ 5,250	
5	2104.503	REMOVE BITUMINOUS PAVEMENT (FULL DEPTH)	S Y	650	\$ 3	\$ 1,950	
6	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	
7	2106.507	EXCAVATION - SUBGRADE	CY	400	\$ 13	\$ 5,200	
8							
9	2105.604	GEOTEXTILE FABRIC TYPE V	S Y	800	\$ 3	\$ 2,400	
10	2106.507	SELECT GRANULAR EMBANKMENT (CV)	CY	400	\$ 17		18" DEPTH
11	2211.501	AGGREGATE BASE CLASS 5	CY	1198	\$ 45	\$ 53,895	6" DEPTH
12	2112.501	SUBGRADE PREPARATION	ROAD STA	4.0	\$ 300	\$ 1,200	
13							
14	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	200	\$ 110	\$ 22,000	4" THICKNESS
15	2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	40	\$ 21	\$ 840	CURLEY AVE
16	2301.000	4" CONCRETE WALK	SQ FT	144	\$ 12	\$ 1,728	WALK TIES CURLY AVE
17	2531.504	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	57.0	\$ 75	\$ 4,275	ALLEY APPROACH
18	2531.604	8" CONCRETE VALLEY GUTTER	SQ YD	10	\$ 75	\$ 750	
19						\$ -	
20	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	0	\$ 3,000	\$ -	
21	2506.502	ADJUST FRAME AND RING CASTING	EACH	5	\$ 900	\$ 4,500	
22	2503.503	8" PVC PIPE SEWER (SANITARY)	LIN FT	250	\$ 40	\$ 10,000	
23	2503.602	8"X4" PVC WYE (SANITARY)	EACH	6	\$ 350	\$ 2,100	
24	2503.603	4" PVC SANITARY SERVICE PIPE	LIN FT	150	\$ 40	\$ 6,000	
25	2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	2	\$ 2,000	\$ 4,000	NO MH REPLACEMENT
26	2503.602	CONNECT TO EXISTING SANITARY SEWER SERVICE	EACH	6	\$ 400	\$ 2,400	CLEANOUTS
27						\$ -	
28	2501.503	12" CP PIPE CULVERT	LIN FT	350	\$ 15	\$ 5,250	
29	2502.602	CONNECT TO EXISTING DRAINAGE STRUCTURE	EACH	2	\$ 900	\$ 1,800	
30						\$ -	
31	2451.607	ROCK BEDDING (CV)	C Y	40	\$ 40	\$ 1,600	AS REQ.
32	2563.601	TRAFFIC CONTROL	L S	1	\$ 1,500	\$ 1,500	
33	2573.530	INLET PROTECTION	E A	6	\$ 250	\$ 1,500	
34	2575.601	TEMPORARY EROSION CONTROL	L S	1	\$ 3,000	\$ 3,000	
35	2575.555	TURF ESTABLISHMENT	L S	1	\$ 3,000	\$ 3,000	

ESTIMATED TOTAL \$ 171,788.00

CONSTRUCTION TOTAL				\$ 171,788
CONTINGENCY (10%)				\$ 17,179
ENGINEERING/ADMIN (18%)				\$ 30,922
PROJECT ESTIMATE				\$ 219,889

CITY OF COLERAINE
 WHITE SPRUCE LANE & PINE TREE LANE OVERLAY (1.5")
 COLER 154140
 COST ESTIMATE
 1/30/2020

WHITE SPRUCE LANE & PINE TREE LANE OVERLAY (1.5")							
ITEM	ITEM NO.	DESCRIPTION	UNIT	TOTAL QNTY	UNIT PRICE	SUB TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	LS	1	\$ 1,000	\$ 1,000	ROW PINS
2	2021.501	MOBILIZATION	LS	1	\$ 5,000	\$ 5,000	
3	2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	750	\$ 90	\$ 67,500	
4	2211.501	SHOULDERING BASE AGGREGATE, CLASS 1	TON	120	\$ 20	\$ 2,400	
5	2563.601	TRAFFIC CONTROL	LS	1	\$ 500	\$ 500	
6	2582.502	4" DBL LINE YELLOW - EPOXY	LIN FT	3320	\$ 2	\$ 6,640	
		CONSTRUCTION TOTAL				\$ 83,040	
		CONTINGENCY (10%)				\$ 8,304	
		ENGINEERING/ADMIN (10%)				\$ 8,304	
		PROJECT ESTIMATE				\$ 99,648	

CITY OF COLERAINE
BIRCH STREET INVESTIGATIONS
COLER 154140
COST ESTIMATE
1/30/2020

BIRCH LANE (NORTH & SOUTH) INVESTIGATION							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	SPECIAL	TOPOGRAPHIC SURVEYING	LUMP SUMP	1	\$ 3,000	\$ 3,000	ROW PINS, GVS, SERVICES
2	SPECIAL	TRACER WIRE LOCATE TEST	LUMP SUMP	1	\$ 2,000	\$ 2,000	SN, WAT, STORM?
3	SPECIAL	GEOTECHINCAL INVESTIGATION	LUMP SUMP	1	\$ 3,000	\$ 3,000	ROAD CORES OF ALL STRE
4	SPECIAL	DIGITAL RECORD DRAWINGS	LUMP SUMP	1	\$ 3,000	\$ 3,000	UPDATE BASE MAPS

ESTIMATED TOTAL \$ 11,000.00

CONSTRUCTION TOTAL				\$ 11,000
CONTINGENCY (10%)				\$ 1,100
ENGINEERING (0%)				
PROJECT ESTIMATE				\$ 12,100

CITY OF COLERAINE
WATER METER REPLACEMENTS
COLER 154140
COST ESTIMATE
1/30/2020

WATER METER REPLACEMENTS							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	SPECIAL	WATER METER INSTALLATION	EACH	525	\$400	\$210,000	INCLUDES LABOR AND EQUIPMENT; ABLE TO BE READ REMOTELY FROM CURB;
2	SPECIAL	HANDHELD METER	EACH	1	\$1,000	\$1,000	

ESTIMATED TOTAL \$ 211,000.00

CONSTRUCTION TOTAL				\$ 211,000
CONTINGENCY (10%)				\$ 21,100
ENGINEERING				\$ 3,000
PROJECT ESTIMATE				\$ 235,100

PUBLIC MEETING HELD ON 7-12-16
SENSUS WATER METERS AND ACCESSORIES
<https://sensus.com/products/iperl-north-america/>
COST WAS ESTIMATED AT \$500 EACH IN 2016

CITY OF COLERAINE
 PEDESTRIAN BRIDGE
 COLER 154140
 COST ESTIMATE
 1/30/2020

INTERSECTION IMPROVEMENTS - 2ND AVE PEDESTRIAN BRIDGE							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	SPECIAL	PEDESTRIAN BRIDGE	LUMP SUM	1	\$1,500,000.00	1500000	
2							
3							
4							

ESTIMATED TOTAL \$ 1,500,000.00

CONSTRUCTION TOTAL				\$ 1,500,000
CONTINGENCY (10%)				\$ 150,000
ENGINEERING/ADMIN (18%)				\$ 270,000
PROJECT ESTIMATE				\$ 1,920,000

CITY OF COLERAINE
NICK LN & SUSANNA LN - ROAD REPAIR OPTIONS
COLER 154140
COST ESTIMATE
1/30/2020
Selection and Qnty Pending Spring Investigations

NICK LN & SUSANNA LN - 2" OVERLAY AND CULVERTS							
ITEM	ITEM NO.	DESCRIPTION	UNIT	TOTAL QNTY	UNIT PRICE	SUB TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	LS	1	\$ 1,500	\$ 1,500	
2	2021.501	MOBILIZATION	LS	1	\$ 4,000	\$ 4,000	
3	2104.000	CLEARING AND GRUBBING	LS	1	\$ 2,000	\$ 2,000	ROW CLEARING
4	2104.503	REMOVE BITUMINOUS PAVEMENT (FULL DEPTH)	S Y	60	\$ 3	\$ 180	
5	2104.503	REMOVE PIPE CULVERT	LIN FT	60	\$ 15	\$ 900	
6	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	100	\$ 3	\$ 300	
7	2105.507	COMMON EXCAVATION	CY	500	\$ 11	\$ 5,500	DITCHING
8	2221.501	SHOULDERING BASE AGGREGATE, CLASS 1	CY	74	\$ 50	\$ 3,704	
9	2231.604	BITUMINOUS PATCH SPECIAL	SQ YD	60	\$ 90	\$ 5,400	
10	2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TONS	740	\$ 80	\$ 59,200	2" OVERLAY
11	2501.511	18" RCP PIPE CULVERT CLASS III	L F	60	\$ 75.00	\$ 4,500.00	2X CENTERLINE CULVERTS
12	2501.515	18" RCP PIPE APRON	E A	2	\$ 1,500.00	\$ 3,000.00	INCLUDES STANDARD TRASH GUARD
13	2563.601	TRAFFIC CONTROL	LS	1	\$ 500	\$ 500	
14	2575.000	EROSION CONTROL	LS	1	\$ 1,000	\$ 1,000	
15	2575.000	SILT FENCE, TYPE MS	LIN FT	200	\$ 3	\$ 600	
16	2582.502	4" DLB LINE YELLOW - PAINT	LIN FT	2000	\$ 1	\$ 2,000	CENTERLINE ONLY
		CONSTRUCTION TOTAL				\$ 94,284	
		CONTINGENCY (10%)				\$ 9,428	
		ENGINEERING/ADMIN (18%)				\$ 16,971	
		PROJECT ESTIMATE				\$ 120,683	

NICK LN & SUSANNA LN - RECLAMATION WITH 4" BIT							
ITEM	ITEM NO.	DESCRIPTION	UNIT	TOTAL QNTY	UNIT PRICE	SUB TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	LS	1	\$ 2,000	\$ 2,000	
2	2021.501	MOBILIZATION	LS	1	\$ 7,000	\$ 7,000	
3	2104.503	REMOVE PIPE CULVERT	LIN FT	60	\$ 15		
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	25	\$ 3		
5	2112.501	SUBGRADE PREPARATION	ROAD STA	21.0	\$ 300	\$ 6,300	
6	2221.501	SHOULDERING BASE AGGREGATE, CLASS 1	CY	74	\$ 50	\$ 3,704	
7	2232.501	MILL BITUMINOUS PAVEMENT	S Y	4500	\$ 3	\$ 13,500	
8	2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TONS	1500	\$ 80	\$ 120,000	2x 2" LIFTS
9	2501.511	18" RCP PIPE CULVERT CLASS III	L F	60	\$ 75.00	\$ 4,500.00	2X CENTERLINE CULVERTS
10	2501.515	18" RCP PIPE APRON	E A	2	\$ 1,500.00	\$ 3,000.00	INCLUDES STANDARD TRASH GUARD
11	2563.601	TRAFFIC CONTROL	LS	1	\$ 1,500	\$ 1,500	
12	2575.000	EROSION CONTROL	LS	1	\$ 3,000	\$ 3,000	
13	2575.000	SILT FENCE, TYPE MS	LIN FT	500	\$ 3	\$ 1,500	
13	2582.502	4" DLB LINE YELLOW - PAINT	LIN FT	2000	\$ 1	\$ 2,000	CENTERLINE ONLY
		CONSTRUCTION TOTAL				\$ 168,004	
		CONTINGENCY (10%)				\$ 16,800	
		ENGINEERING/ADMIN (18%)				\$ 30,241	
		PROJECT ESTIMATE				\$ 215,045	

NICK LN & SUSANNA LN - CRACK SEALING							
ITEM	ITEM NO.	DESCRIPTION	UNIT	TOTAL QNTY	UNIT PRICE	SUB TOTAL	NOTES

CITY OF COLERAINE
PEAR LAKE CULVERT REPLACEMENT
COLER 154140
SEQ

3780

X:\AE\COLER\154140\1-gen\13-misc\CIP Drafts\2020 CIP LIST_COLERAINE_082720.xlsx\Low Priority

STATEMENT OF ESTIMATED QUANTITIES - PEAR LAKE CULVERT REPLACEMENT							NOTES
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	
1	2011.601	CONSTRUCTION SURVEYING	L S	1	\$ 3,000	\$ 3,000	INCLUDES AS BUILT OF ROAD CENTERLINE AND CULVERTS' INVERTS
2	2021.501	MOBILIZATION	L S	1	\$ 10,000	\$ 10,000	INCLUDES MOBILIZATION IN FALL 2017 AND SPRING 2018
3	2101.511	CLEARING AND GRUBBING	L S	1	\$ 500	\$ 500	MINIMUM 4' BUFFER TO SHORE LINE EXCEPT FOR CULVERT INSTALLATION AND BACKFILL
4	2104.501	REMOVE PIPE CULVERTS	L F	82	\$ 10	\$ 820	
5	2232.501	MILL BITUMINOUS PAVEMENT	S Y	972	\$ 3	\$ 2,916	FULL WIDTH AND DEPTH OF ROAD BIT WITH EQUAL DEPTH OF CLASS V MILLED (1:1 RATIO), DO NOT DISTURB EXISTING SUBGRADE
6	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	L F	50	\$ 3	\$ 150	ROADWAY CONNECTIONS
7	2574.609	TOPSOIL BORROW	TONS	47	\$ 25	\$ 1,175	AS NEEDED FOR DITCH EMBANKMENT, HAUL TICKETS REQ.
8	2105.601	DEWATERING	LS	1	\$ 10,000	\$ 10,000	
9	2105.604	GEOTEXTILE FABRIC TYPE V	S Y	180	\$ 3	\$ 540	CULVERT BACKFILL LINER
10	2211.501	AGGREGATE BASE CLASS 5	CY	324	\$ 40	\$ 12,963	ROAD BASE FILL MATERIAL TO ACHIEVE MINIMUM ROAD ELEVATION
11	2112.501	SUBGRADE PREPARATION	ROAD STA	3.5	\$ 350	\$ 1,225	SHAPING AND COMPACTING OF SUBGRADE PRIOR TO PLACEMENT OF BASE COURSE
12	2221.501	SHOULDERING BASE AGGREGATE, CLASS 1	TON	24	\$ 50	\$ 1,219	HAUL TICKETS REQ.
13	2105.607	SALVAGED MILL BIT & AGG FROM STOCKPILE (SV)	CY	30	\$ 20	\$ 593	USED FOR ROAD SURFACING OVER WINTER SUSPENSION AFTER CULVERT INSTALLATION
14	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	120	\$ 110	\$ 13,200	BITUMINOUS TACK COAT INCIDENTAL, HAUL TICKETS REQ. (115 LBS/SYIN)
15	2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (3,B)	TON	120	\$ 110	\$ 13,200	BITUMINOUS TACK COAT INCIDENTAL, HAUL TICKETS REQ. (115 LBS/SYIN)
16	2451.607	ROCK BEDDING (CV)	CY	15	\$ 40	\$ 600	2" CRUSHED ROCK PIPE BEDDING
17	2501.511	36" RCP PIPE CULVERT CLASS III	L F	80	\$ 100	\$ 8,000	2 CULVERTS AT 48 LF EACH, GRANULAR BACKFILL INCIDENTAL
18	2501.515	36" RCP PIPE APRON CLASS III	E A	4	\$ 350	\$ 1,400	ASSUMED 8' LENGTHS, GRANULAR BACKFILL INCIDENTAL, INCLUDES STANDARD TRASH GUARD
19	2563.601	TRAFFIC CONTROL	L S	1	\$ 2,000	\$ 2,000	AS REQUIRED; ROAD MAY BE CLOSED WITH APPROPRIATE DETOUR SIGNING; 1 WEEK ADVANCE NOTICE REQUIRED FOR LOCAL RESIDENTS OF ROAD CLOSURE
20	2573.502	SILT FENCE, TYPE MS	L F	650	\$ 3	\$ 1,950	MACHINE SLICED
21	2573.505	FLOATION SILT CURTAIN	L F	500	\$ 2	\$ 1,000	HELD CLOSE TO SHORELINE, ENCIRCLING THE WORK AREA, INCLUDES REMOVAL
22	2573.533	SEDIMENT CONTROL LOG - TYPE STRAW	E A	6	\$ 50	\$ 300	USE AS REQUIRED ON SITE
23	2573.530	CULVERT INLET PROTECTION	E A	2	\$ 300	\$ 600	
24	2575.523	EROSION CONTROL BLANKET CATEGORY 4N	S Y	267	\$ 4	\$ 1,068	NATURAL NETTINGS
25	2575.601	TEMPORARY EROSION CONTROL	L S	1	\$ 6,000	\$ 6,000	ALL BMPs
26	2575.555	TURF ESTABLISHMENT	L S	1	\$ 4,000	\$ 4,000	INCLUDES HYDRAULIC APPLICATION OF SEED MIX 33-361 (35 LBS/AC), FERTILIZER TYPE 4 (120 LBS/AC), MULCH TYPE 3 (2 TONS PER AC)
27	2582.502	4" SOLID LINE WHITE - PAINT	L F	650	\$ 2	\$ 975	FOG LINE
28	2582.502	4" BROKEN LINE YELLOW - PAINT	L F	350	\$ 1	\$ 350	CENTERLINE MARKING - MATCH EXISTING SPACING ON PEAR LAKE ROAD
29	2231.508	BITUMINOUS SURFACE CRACK AND JOINT REPAIR	L S	1	\$ 27,500	\$ 27,500	100 CRACKS NOTED, GAP MASTIC ON CUPPED CRACKS

ESTIMATED TOTAL \$ 127,243.31

CONSTRUCTION TOTAL				\$ 127,243
CONTINGENCY (10%)				\$ 12,724
ENGINEERING/ADMIN (18%)				\$ 22,904
PROJECT ESTIMATE				\$ 162,871

CITY OF COLERAINE
LONGYEAR PARK - PARKING LOT IMPROVEMENTS (RECONSTRUCTION)
COLER 154140
COST ESTIMATE
1/30/2020

LONGYEAR PARK - PARKING LOT IMPROVEMENTS (RECONSTRUCTION)						
ITEM NO.		DESCRIPTION	UNIT	TOTAL QNTY	UNIT PRICE	SUB TOTAL
1	2011.601	CONSTRUCTION SURVEYING	LS	1	\$ 1,500	\$ 1,500
2	2021.501	MOBILIZATION	LS	1	\$ 5,000	\$ 5,000
3	2104.503	REMOVE CURB AND GUTTER	LIN FT	460	\$ 5	\$ 2,300
4	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	1650.0	\$ 5	\$ 8,250
5	2104.518	REMOVE CONCRETE WALK	SQ YD	20	\$ 25	\$ 500
6	2104.601	REMOVE MISCELLANEOUS STRUCTURES	LS	1.0	\$ 5,000	\$ 5,000
7	2106.507	EXCAVATION - COMMON	CY	85	\$ 40	\$ 3,400
8	2106.507	EXCAVATION - SUBGRADE	CY	710	\$ 15	\$ 10,650
9	2118.507	AGGREGATE SURFACING (CV) CLASS 5	CY	225	\$ 35	\$ 7,875
10	2211.507	AGGREGATE BASE (CV) CLASS 5	CY	150	\$ 35	\$ 5,250
11	2106.507	SELECT GRANULAR EMBANKMENT (CV)	CY	710	\$ 20	\$ 14,200
12	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2.C)	TONS	450.0	\$ 90	\$ 40,500
13	2521.518	4" CONCRETE WALK	SF	500	\$ 7	\$ 3,500
14	2521.518	6" CONCRETE WALK	SF	120	\$ 10	\$ 1,200
15	2521.518	6" CONCRETE VALLEY GUTTER	SQ YD	30	\$ 75	\$ 2,250
16	2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	460	\$ 21	\$ 9,660
17	2531.618	TRUNCATED DOMES	SQ FT	60	\$ 45	\$ 2,700
18	2563.601	TRAFFIC CONTROL	LS	1	\$ 1,000	\$ 1,000
19	2564.502	INSTALL SIGN PANEL - TYPE C	EACH	2	\$ 250	\$ 500
20	2564.502	INSTALL SIGN - TYPE SPECIAL	EACH	1	\$ 2,000	\$ 2,000
21	2564.518	SIGN PANEL TYPE C	SQ FT	4	\$ 75	\$ 300
22	2571.524	CONIFEROUS TREE 18" HT SEEDLING	EACH	500	\$ 2	\$ 1,000
23	2573.501	EROSION CONTROL SUPERVISOR	LS	1	\$ 5,000	\$ 5,000
24	2573.503	SILT FENCE, TYPE MS	LIN FT	500	\$ 2	\$ 1,000
25	2574.507	COMMON TOPSOIL BORROW	CY	25	\$ 45	\$ 1,125
26	2575.501	TURF ESTABLISHMENT	LS	1	\$ 3,000	\$ 3,000
27	2581.503	4" SOLID LINE WHITE - PAINT	LIN FT	500	\$ 1	\$ 500
28	2582.618	PAVEMENT MARKING SPECIAL	SF	32	\$ 15	\$ 480
29	SPECIAL	PAVILION STRUCTURAL REPAIRS	LS	1	\$ 20,000	\$ 20,000
30	SPECIAL	PLAYGROUND ADA COMPLIANCE	LS	1	\$ 10,000	\$ 10,000
31	SPECIAL	STORM POND SOIL TESTING	LS	1	\$ 5,000	\$ 5,000
32	SPECIAL	STORM POND SEDIMENT REMOVAL	LS	1	\$ 30,000	\$ 30,000
CONSTRUCTION TOTAL						\$ 204,640
CONTINGENCY (10%)						\$ 20,464
ENGINEERING/ADMIN (18%)						\$ 36,835
PROJECT ESTIMATE						\$ 261,939

LONGYEAR PARK - TRAIL ENHANCEMENTS						
ITEM NO.		DESCRIPTION	UNIT	TOTAL QNTY	UNIT PRICE	SUB TOTAL
1	2011.601	CONSTRUCTION SURVEYING	LS	1	\$ 500	\$ 500
2	2021.501	MOBILIZATION	LS	1	\$ 3,000	\$ 3,000
3	2100.601	SINGLE ADA PORTABLE RESTROOM ENCLOSURE	LS	1	\$ 4,000	\$ 4,000
4	2100.601	DOUBLE STALL CHANGING STATION	LS	1	\$ 5,000	\$ 5,000
5	2100.601	BIKE REPAIR STATION	EACH	1	\$ 1,600	\$ 1,600
6	2100.601	BIKE RACKS	EACH	2	\$ 500	\$ 1,000
7	2104.502	REMOVE STAIRS	EACH	1	\$ 5,000	\$ 5,000
8	2104.504	REMOVE CONCRETE WALK	SQ YD	467	\$ 7	\$ 3,267
9	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2.C)	TONS	160.0	\$ 90	\$ 14,400
10	2411.502	CONCRETE STAIRWAY	LS	1	\$ 10,000	\$ 10,000
11	2521.518	6" CONCRETE WALK	SF	850	\$ 10	\$ 8,500
12	2521.518	4" CONCRETE WALK	SF	4200	\$ 7	\$ 29,400
13	2531.618	TRUNCATED DOMES	SQ FT	100	\$ 100	\$ 10,000
14	2563.601	TRAFFIC CONTROL	LS	1	\$ 1,000	\$ 1,000
15	2564.502	INSTALL SIGN PANEL - TYPE C	EACH	3	\$ 250	\$ 750
16	2564.518	SIGN PANEL TYPE C	SQ FT	6	\$ 40	\$ 240
17	2573.501	EROSION CONTROL SUPERVISOR	LS	1	\$ 2,000	\$ 2,000
18	2573.503	SILT FENCE, TYPE MS	LIN FT	300	\$ 2	\$ 600
19	2575.501	TURF ESTABLISHMENT	LS	1	\$ 3,000	\$ 3,000
CONSTRUCTION TOTAL						\$ 103,257
CONTINGENCY (10%)						\$ 10,326
ENGINEERING/ADMIN (18%)						\$ 18,586
PROJECT ESTIMATE						\$ 132,169

LONGYEAR PARK - RINK SURFACE RECONSTRUCTION						
ITEM NO.		DESCRIPTION	UNIT	TOTAL QNTY	UNIT PRICE	SUB TOTAL
1	2011.601	CONSTRUCTION SURVEYING	LS	1	\$ 1,000	\$ 1,000
2	2021.501	MOBILIZATION	LS	1	\$ 3,000	\$ 3,000
3	2105.504	GEOTEXTILE FABRIC TYPE 5	SY	1578	\$ 2	\$ 3,156
4	2106.507	SELECT GRANULAR EMBANKMENT (CV)	CY	789	\$ 20	\$ 15,780
5	2211.507	AGGREGATE BASE (CV) CLASS 5	CY	263	\$ 35	\$ 9,205
6	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2.C)	TONS	174	\$ 100	\$ 17,400
7	2573.501	EROSION CONTROL SUPERVISOR	LS	1	\$ 500	\$ 500
8	2573.503	SILT FENCE, TYPE MS	LIN FT	200	\$ 2	\$ 400
9	2582.503	6" SOLID LINE - PAINT	LIN FT	500	\$ 2	\$ 1,000
CONSTRUCTION TOTAL						\$ 51,441
CONTINGENCY (10%)						\$ 5,144
ENGINEERING/ADMIN (18%)						\$ 9,259

CITY OF COLERAINE
LAKEVIEW BLVD ESTIMATES
COLER 154140
COST ESTIMATE
1/30/2020

LAKEVIEW BOULEVARD - RECONSTRUCTION							
ITEM	ITEM NO.	DESCRIPTION	UNIT	TOTAL QNTY	UNIT PRICE	SUB TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	LS	1	\$ 3,000	\$ 3,000	
2	2021.501	MOBILIZATION	LS	1	\$ 30,000	\$ 30,000	
3	2104.000	REMOVE CONCRETE PAVEMENT	SY	8000	\$ 8	\$ 64,000	
4	2104.000	REMOVE CURB AND GUTTER	LIN FT	2900	\$ 5	\$ 14,500	
5	2104.000	REMOVE CONCRETE WALK	SQ YD	1933	\$ 7	\$ 13,533	
6	2104.000	REMOVE RETAINING WALL	SF	45000	\$ 3	\$ 135,000	
7	2104.513	SAW CUT CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	50	\$ 5	\$ 250	
8	2105.604	GEOTEXTILE FABRIC TYPE 5	SY	15000	\$ 3	\$ 45,000	2 LAYERS
9	2106.507	EXCAVATION - SUBGRADE	CY	4	\$ 25	\$ 100	3FT RD SUBCUT
10	2106.507	SELECT GRANULAR EMBANKMENT (CV)	CY	45000	\$ 20	\$ 900,000	3FT RD SUBCUT
11	2112.501	SUBGRADE PREPARATION	RD ST	29	\$ 300	\$ 8,700	
12	2211.501	AGGREGATE SHOULDERING, CLASS 1	CY	110	\$ 45	\$ 4,950	
13	2211.501	AGGREGATE BASE (CV) CLASS 5	CY	1700	\$ 45	\$ 76,500	
14	2304.000	4" CONCRETE WALK	SF	17400	\$ 6	\$ 104,400	6' WIDE
15	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TONS	1700	\$ 90	\$ 153,000	4 INCH
16	2411.618	MODULAR BLOCK RETAINING WALL	SF	45000	\$ 32	\$ 1,440,000	
17	2501.503	18" RC PIPE CULVERT	LIN FT	300	\$ 90	\$ 27,000	
18	2501.503	6" PERFORATED DRAIN PIPE	LIN FT	2500	\$ 17	\$ 42,500	
19	2502.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN G	LIN FT	65	\$ 500	\$ 32,500	
20	2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	2900	\$ 22	\$ 63,800	
21							
22	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	10	\$3,000.00	\$ 30,000	
23	2506.502	CASTING ASSEMBLY (SANITARY)	EACH	10	\$900.00	\$ 9,000	
24	2503.503	8" PVC PIPE SEWER (SANITARY)	LIN FT	2665	\$50.00	\$ 133,250	
25	2503.602	8"x4" PVC WYE (SANITARY)	EACH	29	\$350.00	\$ 10,150	
26	2503.603	4" PVC SANITARY SERVICE PIPE	LIN FT	725	\$40.00	\$ 29,000	
27	2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	2	\$1,800.00	\$ 3,600	
28	2503.602	CONNECT TO EXISTING SANITARY SEWER SERVICE	EACH	29	\$400.00	\$ 11,600	
29						\$ -	
30	2504.000	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	160	\$42.00	\$ 6,720	
31	2504.000	8" WATER MAIN DUCTILE IRON CL 52	LIN FT	2900	\$68.00	\$ 197,200	
32	2504.608	WATER MAIN FITTINGS	POUND	2000	\$11.00	\$ 22,000	
33	2504.602	HYDRANT	EACH	8	\$3,000.00	\$ 24,000	
34	2504.602	6" GATE VALVE AND BOX	EACH	8	\$2,000.00	\$ 16,000	
35	2504.602	8" GATE VALVE AND BOX	EACH	3	\$2,500.00	\$ 7,500	
36	2504.602	CONNECT TO EXISTING WATERMAIN	EACH	2	\$ 2,100.00	\$ 4,200	
37	2504.602	CONNECT TO EXISTING WATER SERVICE	EACH	29	\$ 750.00	\$ 21,750	
38	2504.602	1" CORPORATION STOP	EACH	29	\$ 350.00	\$ 10,150	
39	2504.602	1" CURB STOP AND BOX	EACH	29	\$ 500.00	\$ 14,500	
40	2504.602	1" TYPE K COPPER PIPE	LIN FT	1015	\$ 48.00	\$ 48,720	
41	2504.604	2" INSULATION	SQ YD	412	\$ 20.00	\$ 8,240	
42						\$ -	
43	2451.607	ROCK BEDDING (CV)	C Y	100	\$ 40	\$ 4,000	
44	2575.601	TEMPORARY EROSION CONTROL	LS	1	\$ 10,000	\$ 10,000	
45	2563.601	TRAFFIC CONTROL	LS	1	\$ 2,000	\$ 2,000	
46	2582.503	4" DOUBLE SOLID LINE YELLOW - PAINT	LIN FT	2900	\$ 1	\$ 2,900	

COLERAINE, MINNESOTA
 HOLLYWOOD DRIVE RECONSTRUCTION
 SEH NO. COLER 115259, 154140
 ESTIMATE PREPARED - AUGUST 29, 2011
 UPDATED 1/13/19

HOLLYWOOD DRIVE RECONSTRUCTION					
ITEM	UNIT	UNIT PRICE	TOTAL QNTY	SUB TOTAL	BASIS OF ESTIMATE
MOBILIZATION	ls	\$ 10,000	1	\$ 10,000	
REMOVE CULVERT	lf	\$ 6	30	\$ 180	6" Steel
REMOVE CONCRETE GUTTER	lf	\$ 15	16	\$ 240	Removal of concrete valley gutter
REMOVE BITUMINOUS PAVEMENT	sy	\$ 2.50	1600	\$ 4,000	
SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	lf	\$ 3.50	250	\$ 875	Both ends of project and at existing bituminous drives
COMMON EXCAVATION	cy	\$ 25	300	\$ 7,500	
SUBGRADE EXCAVATION	cy	\$ 25	1600	\$ 40,000	2' depth for entire roadway and 300 cy estimate for poor soils encountered
GRANULAR BORROW (CV)	cy	\$ 35	300	\$ 10,500	Replacement backfill for excavation below subgrade
SELECT GRANULAR BORROW (CV)	cy	\$ 35	1300	\$ 45,500	2' depth for entire roadway
TOPSOIL BORROW (LV)	cy	\$ 50	50	\$ 2,500	3" Depth x 3' width on both shoulders for length of project
GEOTEXTILE FABRIC, TYPE V	sy	\$ 3	1900	\$ 5,700	18" wide by entire length of project (890 feet in length)
SUBGRADE PREPARATION	rd sta	\$ 300	9	\$ 2,700	
AGGREGATE SURFACING (CV)	cy	\$ 45	10	\$ 450	Driveways
AGGREGATE BASE (CV) CLASS 5 (P)	cy	\$ 45	320	\$ 14,400	18" wide by entire length of project, 6" Deep
TYPE SP 9.5 WEARING COURSE MIXTURE (2.B)	ton	\$ 110	165	\$ 18,150	115 #/ln/Sq Yd, includes driveways. Bituminous tack coat incidental. 1.5" Thickness
TYPE SP 12.5 NON-WEARING COURSE MIXTURE (2.B)	ton	\$ 110	275	\$ 30,250	115 #/ln/Sq Yd, includes driveways. Bituminous tack coat incidental. 2.5" Thickness
18" PC-CS PIPE CULVERT	lf	\$ 45	30	\$ 1,350	
18" PC-GS PIPE APRON	each	\$ 350	2	\$ 700	
ADJUST FRAME AND RING CASTING	each	\$ 300	3	\$ 900	
8" CONCRETE VALLEY GUTTER	lf	\$ 50	16	\$ 800	
TRAFFIC CONTROL	ls	\$ 2,000	1	\$ 2,000	
SILT FENCE TYPE MACHINE SLICED	lf	\$ 3	750	\$ 2,250	Estimate
EROSION CONTROL	ls	\$ 3,000	1	\$ 3,000	Includes materials, installation and maintenance
SOD	sy	\$ 6	600	\$ 3,600	Includes fertilizer.

TOTAL ESTIMATED CONSTRUCTION COST \$207,545.00

CONSTRUCTION TOTAL		\$ 207,545
CONTINGENCY (10%)		\$ 20,755
ENGINEERING (10%)		\$ 20,755
PROJECT ESTIMATE		\$ 249,054

GENERAL NOTES:

The city would be required to pass an resolution that allows the road to remain less than 22' wide after reconstruction. MN statute 8820.9920 Minimum design standards require the road to have 11' lanes, 1' shoulder, and 1:3 ditches

HOLLYWOOD DRIVE OVERLAY					
ITEM	UNIT	UNIT PRICE	TOTAL QNTY	SUB TOTAL	BASIS OF ESTIMATE
MOBILIZATION	ls	\$ 6,000	1	\$ 6,000	
TYPE SP 9.5 WEARING COURSE MIXTURE (2.B)	ton	\$ 110	220	\$ 24,200	115 #/ln/Sq Yd, includes driveways. Bituminous tack coat incidental. 2" Thickness
SHOULDERING BASE AGGREGATE, CLASS 1	CY	\$ 43	15	\$ 645	
AGGREGATE SURFACING (CV)	cy	\$ 45	10	\$ 450	Driveways
ADJUST FRAME AND RING CASTING	each	\$ 300	3	\$ 900	
TRAFFIC CONTROL	ls	\$ 1,500	1	\$ 1,500	
EROSION CONTROL	ls	\$ 1,500	1	\$ 1,500	Includes materials, installation and maintenance

TOTAL ESTIMATED CONSTRUCTION COST \$35,195.00

CONSTRUCTION TOTAL		\$ 35,195
CONTINGENCY (10%)		\$ 3,520
ENGINEERING (10%)		\$ 3,520
PROJECT ESTIMATE		\$ 42,234

COLERAINE, MINNESOTA
 WEST WYSS ROAD RECLAMAITION
 COLER 154140
 ESTIMATE PREPARED - 2019
 UPDATED 1/31/20

WEST WYSS ROAD RECLAMATION							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	LS	1	\$ 3,500.00	\$ 3,500.00	
2	2021.501	MOBILIZATION	LS	1	\$ 11,000.00	\$ 11,000.00	APPROXIMATELY 3% OF CONSTRUCTION COSTS
3	2104.501	REMOVE PIPE CULVERTS	L F	120	\$ 5.00	\$ 600.00	
4	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	50	\$ 3.00	\$ 150.00	ROADWAY CONNECTIONS
5	2105.507	COMMON EXCAVATION	CU YD	1000	\$ 15.00	\$ 15,000.00	DITCH GRADING
6	2105.602	DEWATERING	EACH	1	\$ 2,000.00	\$ 2,000.00	
7	2112.501	SUBGRADE PREPARATION	ROAD STA	52	\$ 300.00	\$ 15,600.00	SHAPING AND COMPACTING RECLAIMED MATERIAL
8	2118.607	AGGREGATE SURFACING (CV) CLASS 5	CU YD	75	\$ 45.00	\$ 3,375.00	GRAVEL DRIVEWAY RESTORATION
9	2211.503	AGGREGATE BASE CLASS 5 (CV)	CU YD	1250	\$ 40.00	\$ 50,000.00	3" ADDITIONAL AGGREGATE BASE
10	2215.504	FULL DEPTH RECLAMATION	SY	14000	\$ 2.50	\$ 35,000.00	RECLAMATION OF EXISTING BITUMINOUS SURFACE
11	2221.503	AGGREGATE SHOULDERING, CLASS 1	CU YD	100.0	\$ 45.00	\$ 4,500.00	1' WIDE SHOULDERING
12	2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	1525	\$ 80.00	\$ 122,000.00	BITUMINOUS TACK COAT INCIDENTAL
13	2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (2,B)	TON	1525	\$ 80.00	\$ 122,000.00	
14	2451.607	ROCK BEDDING (CV)	C Y	20	\$ 45.00	\$ 900.00	CRUSHED ROCK PIPE BEDDING
15	2501.511	18" CMP PIPE CULVERT	L F	75	\$ 60.00	\$ 4,500.00	
16	2501.515	18" CMP PIPE APRON	E A	6	\$ 350.00	\$ 2,100.00	
17	2501.511	18" RCP PIPE CULVERT CLASS III	L F	45	\$ 100.00	\$ 4,500.00	
18	2501.515	18" RCP PIPE APRON CLASS III	E A	2	\$ 350.00	\$ 700.00	INCLUDES STANDARD TRASH GUARD
19	2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$ 4,000.00	\$ 4,000.00	
20	2573.533	STORM DRAIN INLET PROTECTION	EACH	4	\$ 200.00	\$ 800.00	AS DIRECTED BY ENGINEER AT EXISTING CULVERT INLETS
21	2575.601	EROSION CONTROL	LUMP SUM	1	\$ 4,000.00	\$ 4,000.00	AS DIRECTED BY ENGINEER
22	2582.502	4" SOLID LINE WHITE - PAINT	LF	10000	\$ 1.00	\$ 10,000.00	EDGE OF ROAD MARKING TO MATCH EXISTING
23	2582.502	4" BROKEN LINE YELLOW - PAINT	LF	5000	\$ 0.50	\$ 2,500.00	CENTERLINE MARKING - 10' STRIPE WITH 40' SPACE

ESTIMATED TOTAL \$ 418,725.00

CONSTRUCTION TOTAL				\$ 418,725
CONTINGENCY (10%)				\$ 41,873
ENGINEERING/ADMIN (18%)				\$ 75,371
PROJECT ESTIMATE				\$ 535,968

**CITY OF COLERAINE
SIGNAGE PROGRAME
COLER 154140
SEQ**

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SIGNAGE PROGRAME							
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	NOTES
1	2011.601	CONSTRUCTION SURVEYING	LUMP SUM	1	750	\$ 750.00	
2	2021.501	MOBILIZATION	LUMP SUM	1	750	\$ 750.00	
3	2564.502	INSTALL SIGN PANEL TYPE C	EACH	45	\$200.00	\$ 9,000.00	
4	2564.518	SIGN PANELS TYPE C	SQ FT	188	\$75.00	\$ 14,062.50	30X ALLEY STOP SIGNS
5	2564.518	SIGN PANELS TYPE C	SQ FT	60	\$75.00	\$ 4,500.00	OTHERS
ESTIMATED TOTAL						\$ 23,062.50	

CONSTRUCTION TOTAL				\$ 23,063
CONTINGENCY				\$ 625
ENGINEERING				\$ 2,306
PROJECT ESTIMATE				\$ 25,994

RESOURCE AND NOTES
FIRST IMPRESSIONS REPORT DATED 6-9-19 BY CEDA FOR CITY OF COLERAINE
IT IS SUGGESTED THAT THE SIGNS BE INSTALLED BY CITY PERSONEL FOR COST SAVINGS

SCOPE
ALLEY STOP SIGNS
PUBLIC BUILDING WAYFINDING
CITY MAPS
CITY MAPS - BIKING, WALKING TOURS, TRAILS, CITY RENTALS, PARKS
ADA PARKING STALLS

COLERAINE, MINNESOTA
ROOSEVELT BLVD RECONSTRUCTION
SEH NO. COLER 154140
ESTIMATE PREPARED - 2013
UPDATED 1/31/20

ROOSEVELT BLVD RECONSTRUCTION						
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	2011.901	CONSTRUCTION SURVEYING	LS	1	\$30,000.00	\$ 30,000.00
2	2021.501	MOBILIZATION	LS	1	\$80,000.00	\$ 80,000.00
3	2104.502	REMOVE CONCRETE CURB AND GUTTER	LIN FT	3915	\$9.00	\$ 35,235.00
4	2104.502	REMOVE CONCRETE PAVEMENT	SQ YD	3980	\$7.31	\$ 29,093.80
5	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	400	\$3.00	\$ 1,200.00
6	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	26730	\$5.00	\$ 133,650.00
7	2104.502	REMOVE SANITARY MANHOLE	EACH	2	\$500.00	\$ 1,000.00
8	2104.503	REMOVE SEWER PIPE (SANITARY)	LIN FT	380	\$8.00	\$ 3,040.00
9	2104.502	REMOVE STORM MANHOLE	EACH	2	\$500.00	\$ 1,000.00
10	2104.503	REMOVE CIP WATERMAIN	LIN FT	816	\$10.00	\$ 8,160.00
11	2104.502	REMOVE HYDRANT	EACH	4	\$450.00	\$ 1,800.00
12	2104.502	REMOVE CATCH BASIN	EACH	10	\$425.00	\$ 4,250.00
13	2104.503	REMOVE SEWER PIPE (STORM)	LIN FT	560	\$15.00	\$ 8,400.00
14	2104.502	REMOVE LIGHT FOUNDATION	EACH	22	\$363.00	\$ 7,986.00
15	2105.507	COMMON EXCAVATION	CU YD	25245	\$11.00	\$ 277,695.00
16	2105.504	GEOTEXTILE FABRIC, TYPE 5	SQ YD	26730	\$2.00	\$ 53,460.00
17	2106.507	SELECT GRANULAR EMBANKMENT	CU YD	17820	\$16.00	\$ 285,120.00
18	2112.501	SUBGRADE PREPARATION	ROAD STA	20	\$300.00	\$ 6,000.00
19	2211.503	AGGREGATE BASE CLASS 5 (CV)	CU YD	6685	\$45.00	\$ 300,825.00
20	2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	2035	\$75.00	\$ 152,625.00
21	2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (2,B)	TON	5192	\$75.00	\$ 389,400.00
22	2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	3880	\$21.00	\$ 81,480.00
23						
24	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	2	\$3,000.00	\$ 6,000.00
25	2506.502	CASTING ASSEMBLY (SANITARY)	EACH	2	\$900.00	\$ 1,800.00
26	2503.503	8" PVC PIPE SEWER (SANITARY)	LIN FT	310	\$40.00	\$ 12,400.00
27	2503.602	8"x6" PVC WYE (SANITARY)	EACH	3	\$375.00	\$ 1,125.00
28	2503.503	12" PVC PIPE SEWER (SANITARY)	LIN FT	76	\$57.00	\$ 4,332.00
29	2503.603	6" PVC SANITARY SERVICE PIPE	LIN FT	110	\$50.00	\$ 5,500.00
30	2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	3	\$1,800.00	\$ 5,400.00
31	2503.602	CONNECT TO EXISTING SANITARY SEWER SERVICE	EACH	3	\$400.00	\$ 1,200.00
32						\$ -
33	2504.000	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	80	\$42.00	\$ 3,360.00
34	2504.000	8" WATER MAIN	LIN FT	700	\$68.00	\$ 47,600.00
35	2504.000	12" WATERMAIN	LIN FT	90	\$82.00	\$ 7,380.00
36	2504.608	WATER MAIN FITTINGS	POUND	1000	\$11.00	\$ 11,000.00
37	2504.602	HYDRANT	EACH	5	\$3,000.00	\$ 15,000.00
38	2504.602	6" GATE VALVE AND BOX	EACH	5	\$2,000.00	\$ 10,000.00
39	2504.602	8" GATE VALVE AND BOX	EACH	5	\$2,500.00	\$ 12,500.00
40	2504.602	12" GATE VALVE AND BOX	EACH	2	\$4,000.00	\$ 8,000.00
41	2504.602	CONNECT TO EXISTING WATERMAIN	EACH	11	\$ 2,100.00	\$ 23,100.00
42	2504.602	CONNECT TO EXISTING WATER SERVICE	EACH	3	\$ 750.00	\$ 2,250.00
43	2504.602	1" CORPORATION STOP	EACH	3	\$ 350.00	\$ 1,050.00
44	2504.602	1" CURB STOP AND BOX	EACH	3	\$ 500.00	\$ 1,500.00
45	2504.602	1" TYPE K COPPER PIPE	LIN FT	85	\$ 48.00	\$ 4,080.00
46	2504.604	2" INSULATION	SQ YD	64	\$ 20.00	\$ 1,280.00
47						\$ -
48	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	10	\$5,000.00	\$ 50,000.00
49	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN G	EACH	2	\$4,000.00	\$ 8,000.00
50	2501.503	12" RC STORM PIPE	LIN FT	280	\$50.00	\$ 14,000.00
51	2501.503	15" RC STORM PIPE	LIN FT	120	\$70.00	\$ 8,400.00
52	2501.503	36" RC STORM PIPE	LIN FT	88	\$130.00	\$ 11,440.00
53	2506.502	STORM MANHOLE CASTING	EACH	2	\$1,500.00	\$ 3,000.00
54	2506.502	CASTING ASSEMBLY	EACH	10	\$1,500.00	\$ 15,000.00
55						\$ -
56	2301.000	4" CONCRETE WALK	SQ FT	33500	\$8.00	\$ 268,000.00
57	2301.000	6" CONCRETE WALK	SQ FT	230.0	\$10.00	\$ 2,300.00
58	2301.000	8" CONCRETE DRIVEWAY	SQ FT	4000	\$12.00	\$ 48,000.00
59	2301.000	TRUNCATED DOME	SQ FT	220	\$50.00	\$ 11,000.00
60						\$ -
61	2545.502	LIGHTING UNIT TYPE SPECIAL	EACH	22	\$5,000.00	\$ 110,000.00
62	2545.502	LIGHT FOUNDATION DESIGN E MODIFIED	EACH	22	\$1,500.00	\$ 33,000.00
63	2545.502	SERVICE CABINET	EACH	1	\$9,000.00	\$ 9,000.00
64	2545.502	EQUIPMENT PAD	EACH	1	\$2,000.00	\$ 2,000.00
65	2545.502	HAND HOLE	EACH	14	\$1,000.00	\$ 14,000.00
66	2545.502	1-1/2" NON-METALLIC CONDUIT	LIN FT	3128	\$6.00	\$ 18,768.00
67	2545.502	UNDERGROUND WIRE 1/C 6 AWG	LIN FT	6256	\$2.00	\$ 12,512.00
68	2545.502	UNDERGROUND WIRE 1/C 8 AWG	LIN FT	3128	\$1.75	\$ 5,474.00
69	2545.502	UNDERGROUND WIRE 1/0	LIN FT	330	\$4.00	\$ 1,320.00
70						\$ -
71	2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$7,000.00	\$ 7,000.00
72	2573.533	STORM DRAIN INLET PROTECTION	EACH	16	\$200.00	\$ 3,200.00
73	2575.601	EROSION CONTROL	LUMP SUM	1	\$3,000.00	\$ 3,000.00
74	2575.601	TURF ESTABLISHMENT	LUMP SUM	1	\$7,000.00	\$ 7,000.00
75	2575.601	TREE	EACH	20	\$400.00	\$ 8,000.00
76	2582.503	4" SOLID LINE MULTI COMPONENT GROUND IN	LIN FT	7000	\$1.00	\$ 7,000.00
77	2582.503	4" DOUBLE SOLID LINE MULTI COMPONENT GROUND IN	LF	1500	\$2.00	\$ 3,000.00

ESTIMATED TOTAL \$ 2,760,690.80

CONSTRUCTION TOTAL				\$ 2,760.691
CONTINGENCY (10%)				\$ 276.069
ENGINEERING (15%)				\$ 414.104
PROJECT ESTIMATE				\$ 3,450.864

COLERAINE, MINNESOTA
ROOSEVELT ALLEY RECONSTRUCTION
SEH NO. COLER 154140
ESTIMATE PREPARED - 2013
UPDATED 1/31/20

ROOSEVELT ALLEY RECONSTRUCTION						
ITEM	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	2011.901	CONSTRUCTION SURVEYING	LS	1	\$30,000.00	\$ 30,000.00
2	2021.501	MOBILIZATION	LS	1	\$80,000.00	\$ 80,000.00
3	2104.502	REMOVE CONCRETE CURB AND GUTTER	LIN FT	0	\$9.00	\$ -
4	2104.502	REMOVE CONCRETE PAVEMENT	SQ YD	0	\$7.31	\$ -
5	2104.513	SAW CUT BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	300	\$3.00	\$ 900.00
6	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	6000	\$5.00	\$ 30,000.00
7	2104.502	REMOVE SANITARY MANHOLE	EACH	7	\$500.00	\$ 3,500.00
8	2104.503	REMOVE SEWER PIPE (SANITARY)	LIN FT	0	\$8.00	\$ -
9	2104.502	REMOVE STORM MANHOLE	EACH	0	\$500.00	\$ -
10	2104.503	REMOVE CIP WATERMAIN	LIN FT	2833	\$10.00	\$ 28,330.00
11	2104.502	REMOVE HYDRANT	EACH	3	\$450.00	\$ 1,350.00
12	2104.502	REMOVE CATCH BASIN	EACH	0	\$425.00	\$ -
13	2104.503	REMOVE SEWER PIPE (STORM)	LIN FT	0	\$15.00	\$ -
14	2104.502	REMOVE LIGHT FOUNDATION	EACH	0	\$363.00	\$ -
15	2105.507	COMMON EXCAVATION	CU YD	2000	\$11.00	\$ 22,000.00
16	2105.504	GEOTEXTILE FABRIC, TYPE 5	SQ YD	0	\$2.00	\$ -
17	2106.507	SELECT GRANULAR EMBANKMENT	CU YD	0	\$16.00	\$ -
18	2112.501	SUBGRADE PREPARATION	ROAD STA	22	\$300.00	\$ 6,600.00
19	2211.503	AGGREGATE BASE CLASS 5 (CV)	CU YD	1000	\$45.00	\$ 45,000.00
20	2360.501	TYPE SP 9.5 WEARING COURSE MIX (2,B)	TON	700	\$75.00	\$ 52,500.00
21	2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (2,B)	TON	700	\$75.00	\$ 52,500.00
22	2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	0	\$21.00	\$ -
23						
24	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	11	\$3,000.00	\$ 33,000.00
25	2506.502	CASTING ASSEMBLY (SANITARY)	EACH	11	\$900.00	\$ 9,900.00
26	2503.503	8" PVC PIPE SEWER (SANITARY)	LIN FT	2500	\$40.00	\$ 100,000.00
27	2503.602	8"x4" PVC WYE (SANITARY)	EACH	45	\$375.00	\$ 16,875.00
28	2503.603	4" PVC SANITARY SERVICE PIPE	LIN FT	900	\$45.00	\$ 40,500.00
29	2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	2	\$1,800.00	\$ 3,600.00
30	2503.602	CONNECT TO EXISTING SANITARY SEWER SERVICE	EACH	45	\$400.00	\$ 18,000.00
31						
32	2504.000	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	200	\$42.00	\$ 8,400.00
33	2504.000	8" WATER MAIN DUCTILE IRON CL 52	LIN FT	2200	\$68.00	\$ 149,600.00
34	2504.000	12" WATERMAIN DUCTILE IRON CL 52	LIN FT	125	\$82.00	\$ 10,250.00
35	2504.608	WATER MAIN FITTINGS	POUND	1000	\$11.00	\$ 11,000.00
36	2504.602	HYDRANT	EACH	6	\$3,000.00	\$ 18,000.00
37	2504.602	6" GATE VALVE AND BOX	EACH	6	\$2,000.00	\$ 12,000.00
38	2504.602	8" GATE VALVE AND BOX	EACH	9	\$2,500.00	\$ 22,500.00
39	2504.602	12" GATE VALVE AND BOX	EACH	1	\$4,000.00	\$ 4,000.00
40	2504.602	CONNECT TO EXISTING WATERMAIN	EACH	10	\$ 2,100.00	\$ 21,000.00
41	2504.602	CONNECT TO EXISTING WATER SERVICE	EACH	45	\$ 750.00	\$ 33,750.00
42	2504.602	1" CORPORATION STOP	EACH	45	\$ 350.00	\$ 15,750.00
43	2504.602	1" CURB STOP AND BOX	EACH	45	\$ 500.00	\$ 22,500.00
44	2504.602	1" TYPE K COPPER PIPE	LIN FT	600	\$ 48.00	\$ 28,800.00
45	2504.604	2" INSULATION	SQ YD	200	\$ 20.00	\$ 4,000.00
46						
47	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN G	EACH	0	\$4,000.00	\$ -
48	2501.503	12" RC STORM PIPE	LIN FT	0	\$50.00	\$ -
49	2501.503	15" RC STORM PIPE	LIN FT	0	\$70.00	\$ -
50	2501.503	36" RC STORM PIPE	LIN FT	0	\$130.00	\$ -
51	2506.502	STORM MANHOLE CASTING	EACH	0	\$1,500.00	\$ -
52	2506.502	CASTING ASSEMBLY	EACH	0	\$1,500.00	\$ -
53						
54	2301.000	4" CONCRETE WALK	SQ FT	0	\$8.00	\$ -
55	2301.000	6" CONCRETE WALK	SQ FT	0	\$10.00	\$ -
56	2301.000	8" CONCRETE DRIVEWAY	SQ FT	0	\$12.00	\$ -
57	2301.000	TRUNCATED DOME	SQ FT	0	\$50.00	\$ -
58						
59	2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$5,000.00	\$ 5,000.00
60	2573.533	STORM DRAIN INLET PROTECTION	EACH	20	\$200.00	\$ 4,000.00
61	2575.601	EROSION CONTROL	LUMP SUM	1	\$3,000.00	\$ 3,000.00
62	2575.601	TURF ESTABLISHMENT	LUMP SUM	1	\$7,000.00	\$ 7,000.00
63	2575.601	TREE	EACH	0	\$400.00	\$ -
64	2582.503	4" SOLID LINE MULTI COMPONENT GROUND IN	LIN FT	0	\$1.00	\$ -
65	2582.503	4" DOUBLE SOLID LINE MULTI COMPONENT GROUND IN	LF	0	\$2.00	\$ -

ESTIMATED TOTAL \$ 955,105.00

CONSTRUCTION TOTAL				\$ 955,105
CONTINGENCY (10%)				\$ 95,511
ENGINEERING (15%)				\$ 143,266
PROJECT ESTIMATE				\$ 1,193,881

COLERAINE, MINNESOTA
ROOSEVELT PARKING LOT IMPROVEMENTS
SEH NO. COLER 154140
ESTIMATE PREPARED - 2016
UPDATED 1/31/20

ROOSEVELT PARKING LOT IMPROVEMENTS							
LINE NO.	ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	QUANTITY	TOTAL PRICE	NOTES
1	2021.501	MOBILIZATION	LS	\$3,500.00	1	\$3,500.00	5% OF BID, ESTIMATE
2	2563.601	TRAFFIC CONTROL	LS	\$1,800.00	1	\$1,800.00	2.5% OF BID, ESTIMATE
3	2104.501	REMOVE PAVEMENT MARKING	LF	\$1.00	700	\$700.00	
4	2104.501	REMOVE CONCRETE CURB	L F	\$4.00	245	\$980.00	ALL TYPES
5	2104.505	REMOVE BITUMINOUS PAVEMENT	S Y	\$10.00	49.4	\$494.44	ALL DEPTHS
6	2104.511	SAWING CONCRETE PAVEMENT	L F	\$2.50	20	\$50.00	DRIVEWAY CONNECTIONS AND CURB REMOVALS
7	2104.513	SAWING BITUMINOUS PAVEMENT	L F	\$1.75	345	\$603.75	AROUND BIT PATCHES, CURB, AND ALLEY ENTERANCE
8	2105.501	COMMON EXCAVATION (P)	C Y	\$8.00	1291.7	\$10,333.33	9" UNDER WALK, DRIVES, CURB AND ROADWAY
9	2211.503	AGGREGATE BASE (CV) CLASS 5	C Y	\$21.00	861.1	\$18,083.33	6" UNDER WALK, DRIVES, CURB AND ROADWAY
10	2231.604	BITUMINOUS PATCH SPECIAL	SY	\$65.00	22.2	\$1,444.44	INCLUDES COMMON EXC, SUBRADE PREP, AGG BASE AND BIT. PVMT
11	2360.501	TYPE SP 9.5 WEAR COURSE MIX (3.B)	TON	\$130.00	156.4	\$20,337.78	110 LB/SYIN, 2" LIFT
12	2360.502	TYPE SP 12.5 NON WEAR COURSE MIX (3.B)	TON	\$130.00	156.4	\$20,337.78	110 LB/SYIN, 2" LIFT
13	2521.501	4" CONCRETE WALK	S F	\$4.00	1400	\$5,600.00	SOUTH WALK (10')
14	2531.501	CONCRETE CURB & GUTTER DESIGN B618	L F	\$35.00	130	\$4,550.00	ALONG ROOSEVELT
15	2531.501	CONCRETE VALLEY GUTTER	L F	\$20.00	150	\$3,000.00	STEET PARKING AND ALLEY
16	2531.507	6" CONCRETE DRIVEWAY PAVEMENT	S Y	\$126.00	20	\$2,520.00	ALLEYWAY ENTERNACE
17	2531.618	TRUNCATED DOMES	S F	\$60.00	48	\$2,880.00	ON CORNER OF ROOSEVELT ST AND KERR AVE, AT LOT ENTRANCE (2
18	2564.531	SIGN PANELS TYPE SPECIAL	S F	\$55.00	20	\$1,100.00	ONE WAYS, STOP SIGN, HANDICAP PARKING,
19	2564.502	INSTALL SIGN	EA	\$100.00	10	\$1,000.00	
20	2575.501	SEEDING	LS	\$750.00	1	\$750.00	SEED MIX 25-151 (120 LB/AC) AND FERT MIX 79-0-5 (100 LB/AC)
21	2575.501	TOP SOIL	CY	\$70.00	23	\$1,610.00	4" DEPTH, IMPORTED
22	2575.562	HYDRAULIC MATRIX TYPE MULCH	LB	\$6.00	121	\$726.00	2100 LB/ACRE
23	2582.501	PAVT MSSG (HANDICAPPED)-EPOXY-GR IN	EA	\$350.00	4	\$1,400.00	15.00 SF EACH
24	2582.502	4" SOLID LINE WHITE-EPOXY-GR IN	L F	\$1.00	2000	\$2,000.00	RECESSED
25	2571.502	DECIDUOUS TREE 1.5" CAL CONT	TREE	\$400.00	9	\$3,600.00	NORTHERN RED OAK OR AS NEEDED TO MEET ZONING

Total Construction Cost \$109,400.86

CONSTRUCTION TOTAL				\$ 109,401
CONTINGENCY (10%)				\$ 10,940
ENGINEERING (15%)				\$ 16,410
PROJECT ESTIMATE				\$ 136,751