

February 16, 2021

To: Sue Pyles, P.E.
 Senior Staff Engineer
 City of Lee's Summit
 Development Services
 220 SE Green
 Lee's Summit, MO 64063

From: Davidson A+E

RE: Application Number: PL2020353
 Application Type: Commercial Final Development Plan
 Application Name: Independence Ave Detail Center

Auto Detail Facility Engineers Estimate of Probable Construction Costs					
<u>Item</u>	<u>Item Description</u>	<u>Units</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Extension</u>
WATER					
1	2" Type K Soft Copper	L.F.	24	\$10.25	\$246.00
3	2" PVC	L.F.	135	\$16.00	\$2,160.00
4	Backflow Vaults and Assemblies	EA.	1	\$10,000.00	\$10,000.00
5	Tees/Bends/Fittings (all sizes)	EA	5	\$400.00	\$2,000.00
6	2" service taps using corporation stop	EA	1	\$1,000.00	\$1,000.00
7	6" C900 Fire Line	L.F.	162	\$15.00	\$2,430.00
8	Gate valve with valve box	EA	1	\$1,120.00	\$1,120.00
9	6"x6" Tee	EA	1	\$1,000.00	\$1,000.00
10	Fire Hydrant Assembly	EA	1	\$6,000.00	\$6,000.00
STORM					
1	Storm Sewer Connections	EA	1	\$2,000.00	\$2,000.00
2	15" HDPE	L.F.	346	\$30.00	\$10,380.00
3	18" HDPE	L.F.	275	\$35.00	\$9,625.00
4	24" HDPE	L.F.	225	\$40.00	\$9,000.00
5	36" HDPE	L.F.	11	\$45.00	\$495.00
6	42" HDPE	L.F.	21	\$55.00	\$1,155.00
7	Curb Inlet (3'x5'x6' depth)	EA	6	\$3,500.00	\$21,000.00
8	Curb Inlet (6'x5'x6' depth)	EA	1	\$4,500.00	\$4,500.00
9	24" HDPE Flared End Section	EA	2	\$185.00	\$370.00
10	36" HDPE Flared End Section	EA	1	\$200.00	\$200.00
11	Precast Outlet Structure (6'x6')	EA	1	\$5,000.00	\$5,000.00

12	Precast Junction Box (6'x8')	EA	1	\$5,000.00	\$5,000.00
13	15" HDPE Riser (includes Riser, barrel stone, filter fabric, and connecting pipe)	EA	1	\$1,500.00	\$1,500.00
SANITARY					
1	Sanitary Connections	EA.	1	\$75.00	\$75.00
2	Sanitary Connections to Existing Line	EA.	1	\$800.00	\$800.00
3	4" Sanitary Sewer Service Lines	L.F.	116	\$20.00	\$2,320.00
4	1.25" Sanitary Sewer Service Lines	L.F.	49	\$12.00	\$588.00
PAVEMENT & OTHER					
1	Concrete Sidewalks & Patios (4")	S.Y.	1035	\$65.00	\$67,275.00
2	Concrete pavement (Display)	S.Y.	84	\$32.50	\$2,730.00
3	Concrete pavement (Standard)	S.Y.	210	\$60.00	\$12,600.00
4	Concrete Curb and Gutter	L.F.	3,000	\$12.00	\$36,000.00
5	Heavy Duty Asphalt	S.Y.	10640	\$40.50	\$430,920.00
6	Standard Asphalt	S.Y.	4390	\$31.50	\$138,285.00
7	Rip Rap	S.Y.	40	\$40.00	\$1,600.00
8	ADA Ramp	EA	3	\$3,500.00	\$10,500.00
9	Modular Block Retaining Wall	S.F.	367	\$30.00	\$11,010.00
Total Probable Cost:					\$799,874.00

If there are any further questions or need for additional clarification, please feel free to contact Davidson A+E.

Sincerely,

Skyler Martin, P.E.
Civil Engineer



02/16/2021