



Barclay
Fry's - Gilbert - Morrison Ranch - 3490 South Power Road
Engineers Estimate of Cost

"LEEDing and Developing Smart Projects"

Date: 06/21/2023

The following is an engineers estimate of construction costs for budget purposes only. The estimate is based on the Construction Plans Prepared by SEG dated 06/30/2023. Refer to the attached plan. SEG provides no guarantee of accuracy and recommends additional budget estimates be provided by the project construction manager.

Item	Desc.	Quantity	Unit	Price per Unit	Cost	Sub total
OnSite Cost						
REMOVALS						
	Clearing/Strip organics	21	AC	\$2,250.00	\$47,587.50	
						\$47,587.50
SANITARY						
	6" Sewer Tap	7	EA	\$720.00	\$5,040.00	
	6" PVC SDR-35	547	LF	\$66.00	\$36,102.00	
	8" PVC SDR-35	1,410	LF	\$78.00	\$109,980.00	
	4' Dia. Manhole	6	EA	\$7,488.00	\$44,928.00	
	5' Dia. Manhole	3	EA	\$7,800.00	\$23,400.00	
	Clean Out	4	EA	\$792.00	\$3,168.00	
						\$222,618.00
WATER						
	Connect to Existing, Road Crossing	3	EA	\$21,600.00	\$64,800.00	
	8" DIP Water Main	2,342	LF	\$142.50	\$333,735.00	
	6" DIP Fire Line	551	LF	\$82.50	\$45,457.50	
	Fire Hydrant Assembly (includes GV)	13	EA	\$4,375.00	\$56,875.00	
	8"x6"x8" tee	16	EA	\$1,300.00	\$20,800.00	
	8"x8"x8" tee	10	EA	\$1,300.00	\$13,000.00	
	8" Gate Valve, Box & Cover	26	EA	\$2,760.00	\$71,760.00	
	6" Gate Valve, Box & Cover	7	EA	\$2,160.00	\$15,120.00	
	1" PVC SCH 80	13	LF	\$14.00	\$182.00	
	2" PVC SCH 80	177	LF	\$18.00	\$3,186.00	
	3" PVC SCH 80	53	LF	\$20.00	\$1,060.00	
	1" Domestic Services Connection	1	EA	\$720.00	\$720.00	
	2" Domestic Services Connection	6	EA	\$1,152.00	\$6,912.00	
	3" Domestic Services Connection	1	EA	\$1,440.00	\$1,440.00	
	1" RPBFP	1	EA	\$1,980.00	\$1,980.00	
	2" RPBFP	6	EA	\$2,520.00	\$15,120.00	
	3" RPBFP	1	EA	\$2,640.00	\$2,640.00	
						\$654,787.50
STORM						
	8" HDPE	143	LF	\$45.00	\$6,435.00	
	12" HDPE	389	LF	\$56.00	\$21,784.00	
	18" HDPE	1,846	LF	\$85.00	\$156,910.00	
	24" HDPE	978	LF	\$100.00	\$97,800.00	
	30" HDPE	514	LF	\$144.00	\$74,016.00	
	36" HDPE	257	LF	\$160.00	\$41,120.00	
	120" CMP	60	LF	\$700.00	\$42,000.00	
	96" CMP	3,520	LF	\$650.00	\$2,288,000.00	
	48" Dia. Manhole	1	EA	\$7,440.00	\$7,440.00	
	Catch Basin MAG 535	24	EA	\$6,500.00	\$156,000.00	
	Double Catch basin MAG 538	2	EA	\$7,500.00	\$15,000.00	
	24" Nyloplast Basin	4	EA	\$3,000.00	\$12,000.00	
	30" Nyloplast Basin	4	EA	\$3,000.00	\$12,000.00	
	Maxwell Plus Drywell, 2 chamber, 35' dp	7	EA	\$30,000.00	\$210,000.00	
	Envibro drop inlet	1	EA	\$36,000.00	\$36,000.00	
	Bubble-up inlet w/ trash rack	2	EA	\$3,600.00	\$7,200.00	
						\$3,183,705.00



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PAVEMENT						
	6" Concrete Curb & Gutter	11,818	LF	\$30.00	\$354,540.00	
	6" Concrete Curb	6,125	LF	\$25.00	\$153,125.00	
	Extruded curb	573	LF	\$14.40	\$8,251.20	
	3" Asphalt / 7" Aggregate (LD)	17,628	SY	\$40.00	\$705,120.00	
	4" Asphalt / 8" Aggregate (HD)	17,362	SY	\$50.00	\$868,100.00	
	Concrete pedestrian crossing (Stamped)	473	SY	\$7.00	\$3,311.00	
	Conc. Driveway	5,748	SF	\$7.00	\$40,236.00	
	Concrete Sidewalk	38,783	SF	\$15.00	\$581,745.00	
	ADA ramps	26	EA	\$3,000.00	\$78,000.00	
						\$2,792,428.20
STRIPING & SIGNAGE						
	HC signage, including footing	97	EA	\$210.00	\$20,370.00	
	ADA space	22	EA	\$79.20	\$1,742.40	
	Crosswalk Hatching	348	SF	\$1.08	\$375.84	
	Direction Arrow	59	EA	\$60.00	\$3,540.00	
						\$26,028.24
MISC						
	Landscaping / irrigation	169,581	SF	\$0.70	\$118,706.70	
	Import Engineered Fill	24,437	CY	\$22.00	\$537,614.00	
	Cut and Fill, 150' haul, 12" lift	65,402	CY	\$7.00	\$457,814.00	
	Assemble & Install Cart Corral	11	EA	\$138.75	\$1,526.25	
	Pole Site Lighting	29	EA	\$5,000.00	\$145,000.00	
	Bollards	58	EA	\$250.00	\$14,500.00	
	Retaining Wall + Site Wall	515	LF	\$175.00	\$90,125.00	
	Screen Walls (3' high)	277	LF	\$100.00	\$27,700.00	
	Site Walls (6' high)	369	LF	\$135.00	\$49,815.00	
						\$1,442,800.95
ONSITE SUB TOTAL						\$8,395,983.63
ONSITE COST SUBTOTAL						\$8,395,983.63
	Contingency for items not known		LS	10%	\$839,598.36	\$9,235,581.99
	Erosion Control & Pollution Prev		LS	1%	\$92,355.82	\$9,327,937.81
ONSITE COST TOTAL						\$9,327,937.81

POTENTIAL ADDITIONAL FEES TO BE DETERMINED:

- 1 Costs of dry utilities to be verified / determined.
- 2 Traffic Impact Related Improvements

