

Engineer's Opinion of Estimated Costs for Public/Private Improvements
CDR+J Phase 2 - Project No. CD21-0052

All Costs Include Labor and Materials.

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
<u>PUBLIC IMPROVEMENTS TO BE INSPECTED</u>					
	<u>Transportation</u>				
	Cross Pans	41	SY	\$148	\$6,068
	Asphalt Paving	855	SY	\$35	\$29,925
	Curb/Gutter	1019	LF	\$38	\$38,722
	Concrete Sidewalk	376	SY	\$79	\$29,704
	Barricade	1	EA	\$2,250	\$2,250
	Handicap Ramps	12	EA	\$1,000	\$12,000
	Sawcut Existing Asphalt	1808	LF	\$2	\$3,616
	Streetlight (70-W, 15' pole)	1	EA	\$3,500	\$3,500
	Relocate Existing Light Pole	1	EA	\$500	\$500
	6" Dashed White Stripe	100	LF	\$2	\$200
	6" Solid White Stripe	3315	LF	\$4	\$13,260
	4" Double Yellow Stripe	1359	LF	\$4	\$5,436
	Stop Sign R1-1 (30")	1	EA	\$750	\$750
	Asphalt Patch	33	SY	\$35	\$1,155
	Edge Mill	33	LF	\$2	\$66
	Mill and Overlay Existing Asphalt	592	SY	\$7	\$4,144
	Remove Existing Curb, Gutter, Sidewalk and Asphalt	1	LS	\$5,000	\$5,000
	Streetlight (250-W, 32' pole)	1	EA	\$1,800	\$1,800
	<u>Drainage</u>				
	Storm Sewer Pipes (24" RCP)	64	LF	\$48	\$3,072
	Storm Sewer Pipes (30" RCP)	22	LF	\$60	\$1,320
	Storm Sewer Pipes (36" RCP)	314	LF	\$72	\$22,608
	5' Dia. Manhole	3	EA	\$3,000	\$9,000
	5' Type R inlet	2	EA	\$3,500	\$7,000
	FES (24" RCP)	1	EA	\$1,000	\$1,000
	FES (36" RCP)	1	EA	\$1,500	\$1,500
	Rip Rap (Type L)	328	CY	\$60	\$19,680
	Rip Rap (Type M)	403	CY	\$60	\$24,180
	Forebay	1	EA	\$4,000	\$4,000
	Outlet Structure	1	EA	\$7,500	\$7,500
	Cut-off Wall (overflow weir)	1	EA	\$4,500	\$4,500
	Cut-off Wall (storm sewer outfall)	1	EA	\$500	\$500
10% Contingency					\$263,956
<u>Total Public Improvements</u>					\$290,352

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
PRIVATE IMPROVEMENTS TO BE INSPECTED					
	Drainage				
	Storm Sewer Pipes (24" PVC)	149	LF	\$36	\$5,364
	Storm Sewer Pipes (30" PVC)	229	LF	\$48	\$10,992
	15' Type R inlet	1	EA	\$5,500	\$5,500
	Type D Inlet	1	EA	\$3,500	\$3,500
					\$25,356
10% Contingency					\$2,536
Total Private Improvements To Be Inspected					\$27,892

PRIVATE IMPROVEMENTS NOT TO BE INSPECTED					
	Earthwork				
	Earthwork	10965	CY	\$8	\$87,720
	Transportation				
	Asphalt Paving	4522	SY	\$35	\$158,270
	Curb/Gutter	2178	LF	\$35	\$76,230
	Concrete Valley Pan	32	EA	\$89	\$2,848
	Stop Sign	1	EA	\$500	\$500
	4" Solid White Stripe	3052	LF	\$2	\$6,104
	Light Pole	8	EA	\$1,500	\$12,000
	Luminere for Light Pole	8	EA	\$500	\$4,000
	Drainage				
	Remove 86 LF Storm Sewer + FES from Phase 1 (24" PVC)	1	LS	\$1,000	\$1,000
					\$348,672
10% Contingency					\$34,867
Total Private Improvements Not To Be Inspected					\$383,539

Grand Total					\$701,782
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1. Surety is calculated based on Public Improvement Costs.
2. Inspection Fees are calculated from Public Improvements and Private Improvements to be inspected.
3. Use Tax is calculated from the Grand Total of all Improvements minus Earthwork.
4. All Costs Shall Include Labor and Material.