



DEVELOPMENT SERVICES
APPROVED

by Dena Paulin
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Approved CD22-0019 Cost Estimate.pdf
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Engineer's Opinion of Estimated Costs for Public/Private Improvements Moore Lumber at the Meadows CD22-0019



PREPARED UNDER THE DIRECT SUPERVISION OF
GREGORY S. KELLY, PE COLORADO LIC. #15813
FOR AND ON BEHALF OF KELLY DEVELOPMENT SERVICES, LLC

All Costs Include Labor and Materials.

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
<u>PUBLIC IMPROVEMENTS TO BE INSPECTED</u>					
	<u>Earthwork</u>				
	Mobilization	1	ea	\$500	\$500.00
	Topsoil				\$0.00
	Import/Export in ROWs				\$0.00
	<u>Transportation</u>				
	Paving	14	sy	\$115	\$1,610
	Subgrade Prep	14	sy	\$15	\$210
	Curb Gutter				\$0
	Cross Pans	1	ea	\$3,500	\$3,500
	Sidewalks	11	sy	\$47	\$517
	Handicap Ramps	2	ea	\$1,800	\$3,600
	Street Repair for utility cuts	375	sf	\$35	\$13,125
	Irrigation Conduits in Right-of-way				\$0
	Utility Conduits in Right-of-Way				\$0
	Trails (off street, public)				\$0
	Striping				\$0
	Signage				\$0
	Public Street Lighting				\$0
	<u>Water</u>				\$0
	Water Mains (list types & sizes) 12 inch				\$0
	Connections to Existing WL				\$0
	Saw Cut & Pavement Replacement	53	sy	\$115	\$6,095
	Water Main Lowerings				\$0
	Tees (list sizes)				\$0
	Crosses (list sizes)				\$0
	Horizontal Bends (list sizes)				\$0
	Vertical Bends (list sizes)				\$0
	Valves (list types & sizes)				\$0
	Marker Posts				\$0
	Temporary Blow-Offs				\$0
	ARV's				\$0
	Fire Hydrants 1 per 400 ft				\$0
	Fire Hydrant Bollards				\$0
	Domestic Service Lines (from the main to the curb stop) (list types and sizes)				\$0
	Water Meters (list sizes) & Vaults				\$0
	Irrigation Meters (list sizes) & Vaults				\$0
	Irrigation Lines (from main to meter) (list types & sizes)				\$0
	<u>Sanitary Sewer</u>				\$0
	Sanitary Mains (list types & sizes) 8 inch				\$0
	Connections to Existing San Sewer				\$0
	Saw Cut & Pavement Replacement				\$0
	Lift Stations				\$0
	Sanitary Force Mains (list types & sizes)				\$0

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
	Manholes (list dia. & range of depth)				\$0

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
	Locking Type Manhole Covers & Bolt-Down Rings				\$0
	Manhole Internal Watertight Inserts				\$0
	Drop Manholes (list dia. & range of depth)				\$0
	Marker Posts				\$0
	WYE connections for service lines (list sizes)				\$0
Drainage					
	Storm Sewer Pipes (18" RCP)	29	lf	\$65	\$1,885
	Manholes (6' Dia.)	1	ea	\$3,500	\$3,500
	Inlets (5' Type R)	1	ea	\$4,425	\$4,425
	FES's				\$0
	Trickle Channel				\$0
	Rip Rap				\$0
	Forebay				\$0
	Micropool				\$0
	Outlets Structure(s)				\$0
	Retaining Walls				\$0
					\$38,967.00
10% Contingency					\$3,896.70
Total Public Improvements					\$42,863.70

PRIVATE IMPROVEMENTS TO BE INSPECTED					
Earthwork					
	Import/Export				\$0.00
Water					
	Backflow Prevention Assemblies (3/4")	1	ea	\$350	\$350
	Fire Service Line (6" PVC)	113	lf	\$34	\$3,842
	Abandon/remove water service lines				\$0
	Irrigation backflow prevention assemblies (list sizes)	1	ea	\$350	\$350
Sanitary Sewer					
	Abandon/remove sanitary sewer service lines				\$0
Drainage					
	Storm Sewer Pipe (18" HDPE)	159	lf	\$65	\$10,335
	Manholes (5' Dia.)	1	ea	\$3,500	\$3,500
	Inlets (Single Type C)	1	ea	\$4,425	\$4,425
	Clean Outs				\$0
	FES's				\$0
	Retaining Walls	20	lf	\$10	\$200
					\$23,002
10% Contingency					\$2,300.2
Total Private Improvements To Be Inspected					\$25,302.2

Item #	Description	Quantity	Unit	Unit Cost	Total Cost
PRIVATE IMPROVEMENTS NOT TO BE INSPECTED					
	Transportation				
	Paving	727	ton	\$28	\$20,356
	Curb/Gutter	728	lf	\$11	\$8,008
	Cross Pans	1	ea	\$2,200	\$2,200
	Parking Areas				\$0
	Sidewalks	98	sy	\$9	\$882
	Handicapped Ramps	1	ea	\$750	\$750
	Water				
	FDC & fire lines to FDC (list types & sizes) (Inspected by Fire, not Public Works)				\$0
	Domestic Service Lines (from curb stop to building) (3/4") (Inspected by the Building Division)	233	lf	\$15	\$3,495
	Irrigation Lines (past meter)				\$0
	Sanitary Sewer				\$0
	Service Lines (4" PVC)	27	lf	\$18	\$486
	Clean-Outs (4")	1	ea	\$250	\$250
10% Contingency					\$36,427
					\$3,642.7
Total Private Improvements Not To Be Inspected					\$40,069.7
Grand Total					\$108,235.60

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.