

Why is this required?	The developer shall construct, at his/her cost, all public and private improvements for the development itself and those required to mitigate impacts associated with the development. These development improvements may be within and/or outside the property boundary . All development improvements shall be itemized on the Exhibit A and shown on the construction plans.
What to include	Improvements are not limited to but may include: -Grading Erosion and Sediment Control Measures -Streets/Roads -Stormwater Control Measures -Connecting Utility Services -Geohazard Abatement Measures -Landscaping (split landscaping on to a separate Exhibit A) -Forest Mitigation Water and/or sanitary sewer lines do not need to be listed as improvements if the water and/or sanitation district requires a guarantee. Internal driveways within commercial, institutional or industrial developments that do not access other lot(s), properties, or any Jefferson County Right-of-Way likewise do not need to be listed as improvements.
Construct vs Provide a Guarantee	The developer may choose to construct the improvements or to secure the improvements through a development improvement guarantee. Building permits will not be issued until completion and acceptance of the improvements. The County may choose to accept fees-in-lieu of construction payment on any public improvement. The fees-in-lieu of construction payment will be returned to the applicant if conditions change and the improvement is no longer warranted.
Phasing	Improvements may be phased. Guarantee collateral for development improvements may be phased to correspond with construction phasing.
Unit Costs	The cost estimates in these Exhibit A templates are based on current cost data such as the annual CDOT cost data. They are intended to be in an amount that allows for the completion and operation of all required development improvements, in accordance with design and time specifications. This cost estimate, once approved by Planning and Zoning, shall become the guarantee amount for the development improvements.
Regulation	<u>LDR 33</u>
Release of Security	The Security can be released when the work is complete. This is confirmed by T&E inspectors and may be done in phases. A security will not be released if there is an active Zoning Violation.

Exhibit "A"
Improvement Costs



100 Jefferson County Parkway
Suite 3550
Golden CO, 80419
303-271-8700
planning.jeffco.us
pzpermits@jeffco.us

Case Name
Location
Case Number
Date

GRADING EROSION AND SEDIMENT CONTROL						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Construction	Vehicle Tracking Pad	EACH		\$ 2,850.00	\$ -	
	Dewatering (small project and drainageway)	LUMP		\$ 1,250.00	\$ -	
				Total	\$ -	
Sediment Control	Silt Fence	LIN FT		\$ 3.13	\$ -	
	Straw Bales	EACH		\$ 30.63	\$ -	
	Inlet Protection	EACH		\$ 375.00	\$ -	
	Check Dams	LIN FT		\$ 22.50	\$ -	
	Concrete Washout Area (large site)	EACH		\$ 2,500.00	\$ -	
	Reinforced Rock Berms	LIN FT		\$ 250.00	\$ -	
	Sediment Control Logs	LIN FT		\$ 5.63	\$ -	
	Sediment Basin (per acre)	ACRE		\$ 23,125.00	\$ -	
	Sediment Traps	SF		\$ 62.50	\$ -	
				Total	\$ -	
Erosion Control	Erosion Control Blankets	SQ YD		\$ 4.06	\$ -	
	Gravel	CU YD		\$ 93.75	\$ -	
	Diversion Dikes/Ditches	LIN FT		\$ 18.75	\$ -	
	Mulching (Straw)	ACRE		\$ 1,250.00	\$ -	
	Mulching (Wood)	ACRE		\$ 9,062.50	\$ -	
	Outlet Protection (Type L Riprap)	CU YD		\$ 187.50	\$ -	
	Temporary seeding	ACRE		\$ 937.50	\$ -	
	Erosion Control Management (for Capital Improvement Projects only)	LUMP		\$ 36,500.00	\$ -	
				Total	\$ -	
Grading	Grading	CU YD		\$ 6.25	\$ -	
	Grading (Import)	CU YD		\$ 15.00	\$ -	
	Grading (Export)	CU YD		\$ 3.13	\$ -	
	Compacting	CU YD		\$ 3.13	\$ -	
				Total	\$ -	
Final Stabilization	Permanent Seeding	ACRE		\$ 3,437.50	\$ -	
	Sod	SQ FT		\$ 2.50	\$ -	
	Seedbed Preparation	ACRE		\$ 2,812.50	\$ -	
	Topsoil (Import)	CU YD		\$ 40.00	\$ -	
				Total	\$ -	
STORM DRAINAGE						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Stormwater Conveyance	Drainage Channels (i.e. drop structures, etc.)	EACH		\$ 2,850.00	\$ -	
	Drainage Appurtenances (i.e.subdrains, hydraulic structures, etc.)	EACH		\$ -	\$ -	
	Type 'C' Inlet	EACH		\$ 4,937.50	\$ -	
	Inlets Type R, 5'	EACH		\$ 8,750.00	\$ -	
	Inlets Type R, 10'	EACH		\$ 10,000.00	\$ -	
	Inlets Type R, 15'	EACH		\$ 11,250.00	\$ -	
	Inlets Type 13 - Combination, single	EACH		\$ 4,500.00	\$ -	
	Inlets Type 13 - Combination, double	EACH		\$ 5,000.00	\$ -	
	Inlets Type 13 - Combination, triple	EACH		\$ 5,625.00	\$ -	
	6" PVC Underdrain	LIN FT		\$ 89.38	\$ -	

4' PVC Underdrain Service Line		LIN FT	\$	45.63	\$	-
Cleanout		EACH	\$	93.75	\$	-
Baffles (type, size)		EACH	\$	-	\$	-
Culverts CMP 15"		LIN FT	\$	98.75	\$	-
Culverts CMP 18"		LIN FT	\$	120.63	\$	-
Culverts CMP 24"		LIN FT	\$	148.75	\$	-
Culverts CMP 30"		LIN FT	\$	183.13	\$	-
Culverts CMP 36"		LIN FT	\$	201.88	\$	-
Culverts CMP 48"		LIN FT	\$	220.63	\$	-
Culverts CMP 60"		LIN FT	\$	314.38	\$	-
Flared End Sections CMP (size)		EACH	\$	-	\$	-
Storm Sewer RCP 18"		LIN FT	\$	111.25	\$	-
Storm Sewer RCP 21"		LIN FT	\$	133.13	\$	-
Storm Sewer RCP 24"		LIN FT	\$	123.75	\$	-
Storm Sewer RCP 27"		LIN FT	\$	151.88	\$	-
Storm Sewer RCP 30"		LIN FT	\$	201.88	\$	-
Storm Sewer RCP 36"		LIN FT	\$	220.63	\$	-
Storm Sewer RCP 48"		LIN FT	\$	345.63	\$	-
Storm Sewer RCP 60"		LIN FT	\$	501.88	\$	-
Concrete End Sections (size)		EACH	\$	-	\$	-
Manholes (size) 5'X5' slab		EACH	\$	5,312.50	\$	-
Riprap 6" (VL)		CU YD	\$	150.00	\$	-
Riprap 9" (L)		CU YD	\$	165.00	\$	-
Riprap 12" (M)		CU YD	\$	184.38	\$	-
Riprap 18" (H)		CU YD	\$	203.13	\$	-
Riprap 24" (VH)		CU YD	\$	221.88	\$	-
Urban Drainage District Final Inspection & Repair		ACRE	\$	5,000.00	\$	-
Abatement Structures		EACH	\$	-	\$	-
				Total	\$	-
Detention / Retention	Outlet Structure (include grates, orifice plates, etc.)	EACH	\$	11,562.50	\$	-
	Pond grading	ACRE	\$	23,125.00	\$	-
Outlet Structure	Trickle channel	LIN FT	\$	40.00	\$	-
				Total	\$	-
Subsurface	Trench Gravel (In place)	CU YD	\$	37.50	\$	-
Groundwater	Geo Textile (In place)	SQ YD	\$	6.25	\$	-
Collection Systems	8" Collection pipe	LIN FT	\$	93.75	\$	-
	Risers	LIN FT	\$	15.00	\$	-
	Cleanouts	EACH	\$	93.75	\$	-
				Total	\$	-

CIRCULATION

Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost
Streets/Roads	Pavement Rotomilling	SQ YD		\$ 10.63	\$ -
	Hot Bituminous Pavement (thickness, width, inches)	TON		\$ 109.38	\$ -
	HMP Patching	TON		\$ 168.75	\$ -
	Aggregate Base Course	CU YD		\$ 66.88	\$ -
	Fine Grading & Shaping	ACRE		\$ 115.63	\$ -
	Soil Reconditioning	SQ YD		\$ 10.63	\$ -
	Lime Treated Subgrade	TON		\$ 340.63	\$ -
	Cross Pans 6'	LIN FT		\$ 88.75	\$ -
	Combination Curb, Gutter & Sidewalk	LIN FT		\$ 74.38	\$ -
	6" Vertical Curb and Gutter	LIN FT		\$ 48.75	\$ -
	V Gutter Pan	LIN FT		\$ 44.38	\$ -
	Detached Sidewalks (5' width)	LIN FT		\$ 52.50	\$ -
	Crosswalks (concrete/pattern pavers)	SQ YD		\$ -	\$ -
	Bridges	EACH		\$ -	\$ -
	Trails (width)	LIN FT		\$ -	\$ -
	ADA Ramps	EACH		\$ 3,750.00	\$ -

Guard Rail	LIN FT	\$ 43.75	\$ -
Guard Rail End Section	EACH	\$ 62.50	\$ -
Striping	LIN FT	\$ -	\$ -
Signs (street, stop, road name, traffic, etc.)	EACH	\$ 700.00	\$ -
Street Lighting (at street intersections with Arterial, etc.)	EACH	\$ 20,000.00	\$ -
Traffic Control Devices (signals)	EACH	\$ 12.50	\$ -
Median Treatment (stamped concrete, pavers, seeding)	SQ FT	\$ 382.50	\$ -
Trench Gravel (in place)	TON	\$ 6.25	\$ -
Geotextiles	SQ YD	\$ 20.00	\$ -
		Total	\$ -

UTILITIES

Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost
Water Systems	Water Line Pipe 6" (C909 PVC)	LIN FT		\$ 250.00	\$ -
	Water Line Pipe 8" (C909 PVC)	LIN FT		\$ 280.00	\$ -
	Gate Valve (size)	EACH		\$ 6,500.00	\$ -
	Asphalt Trench Resurfacing (depth/width)	EACH		\$ -	\$ -
	Gravel Trench Resurfacing (depth/width)	EACH		\$ 250.00	\$ -
	Bedding Material	TON		\$ -	\$ -
	Steel Cased Bore	LIN FT		\$ 1,000.00	\$ -
	Bends (size, type)	LIN FT		\$ 2,000.00	\$ -
	Backflow Preventors	EACH		\$ -	\$ -
	Air/Vac	EACH		\$ -	\$ -
	PRVs	EACH		\$ -	\$ -
	Blow Off Valves	EACH		\$ -	\$ -
	Valve Adjustment	EACH		\$ 37.50	\$ -
			Total	\$ -	
Sewer Systems	8" PVC Sewer Line (Main)	LIN FT		\$ 300.00	\$ -
	6" PVC Sewer Line	LIN FT		\$ 280.00	\$ -
	4" PVC Sewer Line	LIN FT		\$ 260.00	\$ -
	Fittings (size, type)	LIN FT		\$ 50.00	\$ -
	Manholes 4'	EACH		\$ 7,000.00	\$ -
	Manhole Adjustment	EACH		\$ 1,375.00	\$ -
			Total	\$ -	

FIRE PROTECTION

Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost
	Fire Hydrant Assembly	EACH		\$ 11,250.00	\$ -
	Cisterns (roughly \$1/gal)	EACH		\$ -	\$ -
				Total	\$ -
	Fuelbreak Thinning	ACRE		\$ 3,800.00	\$ -
	Prunings	ACRE		\$ 1,500.00	\$ -
	Debris Disposal	CU YD		\$ 500.00	\$ -
	Forest Wide Thinning	ACRE		\$ 3,400.00	\$ -
				Total	\$ -

IMPROVEMENTS IN RIGHT OF WAY

Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost
Construction	Vehicle Tracking Pad	EACH		\$ 2,850.00	\$ -
	Dewatering (small project and drainageway)	LUMP		\$ 1,250.00	\$ -
				Total	\$ -
Sediment Control	Silt Fence	LIN FT		\$ 3.13	\$ -
	Straw Bales	EACH		\$ 30.63	\$ -
	Inlet Protection	EACH		\$ 375.00	\$ -
	Check Dams	LIN FT		\$ 22.50	\$ -
	Concrete Washout Area (Large Site)	EACH		\$ 2,500.00	\$ -
	Reinforced Rock Berms	LIN FT		\$ 250.00	\$ -
	Sediment Control Logs	LIN FT		\$ 5.63	\$ -
	Sediment Basin (per acre)	ACRE		\$ 23,125.00	\$ -
Sediment Traps	SF		\$ 62.50	\$ -	
			Total	\$ -	

Erosion Control	Erosion Control Blankets	SQ YD	\$ 4.06	\$ -
	Gravel	CU YD	\$ 93.75	\$ -
	Diversion Dikes/Ditches	LIN FT	\$ 18.75	\$ -
	Mulching (Straw)	ACRE	\$ 1,250.00	\$ -
	Mulching (Wood)	ACRE	\$ 9,062.50	\$ -
	Outlet Protection (Type L Riprap)	CU YD	\$ 187.50	\$ -
	Temporary seeding	ACRE	\$ 937.50	\$ -
	Erosion Control Management (for Capital Improvement Projects only)	LUMP	\$ 36,500.00	\$ -
		Total		\$ -
Grading	Grading	CU YD	\$ 6.25	\$ -
	Grading (Import)	CU YD	\$ 15.00	\$ -
	Grading (Export)	CU YD	\$ 3.13	\$ -
	Compacting	CU YD	\$ 3.13	\$ -
		Total		\$ -
Final Stabilization	Permanent Seeding	ACRE	\$ 3,437.50	\$ -
	Sod	SQ FT	\$ 2.50	\$ -
	Seedbed Preparation	ACRE	\$ 2,812.50	\$ -
	Topsoil (Import)	CU YD	\$ 40.00	\$ -
		Total		\$ -
Stormwater Conveyance	Drainage Channels (i.e. drop structures, etc.)	EACH	\$ 2,850.00	\$ -
	Drainage Appurtenances (i.e.subdrains, hydraulic structures, etc.)	EACH	\$ -	\$ -
	Type 'C' Inlet	EACH	\$ 4,937.50	\$ -
	Inlets Type R, 5'	EACH	\$ 8,750.00	\$ -
	Inlets Type R, 10'	EACH	\$ 10,000.00	\$ -
	Inlets Type R, 15'	EACH	\$ 11,250.00	\$ -
	Inlets Type 13 - Combination, single	EACH	\$ 4,500.00	\$ -
	Inlets Type 13 - Combination, double	EACH	\$ 5,000.00	\$ -
	Inlets Type 13 - Combination, triple	EACH	\$ 5,625.00	\$ -
	6" PVC Underdrain	LIN FT	\$ 89.38	\$ -
	4' PVC Underdrain Service Line	LIN FT	\$ 45.63	\$ -
	Cleanout	EACH	\$ 93.75	\$ -
	Baffles (type, size)	EACH	\$ -	\$ -
	Culverts CMP 15"	LIN FT	\$ 98.75	\$ -
	Culverts CMP 18"	LIN FT	\$ 120.63	\$ -
	Culverts CMP 24"	LIN FT	\$ 148.75	\$ -
	Culverts CMP 30"	LIN FT	\$ 183.13	\$ -
	Culverts CMP 36"	LIN FT	\$ 201.88	\$ -
	Culverts CMP 48"	LIN FT	\$ 220.63	\$ -
	Culverts CMP 60"	LIN FT	\$ 314.38	\$ -
	Flared End Sections CMP (size)	EACH	\$ -	\$ -
	Storm Sewer RCP 18"	LIN FT	\$ 111.25	\$ -
	Storm Sewer RCP 21"	LIN FT	\$ 133.13	\$ -
	Storm Sewer RCP 24"	LIN FT	\$ 123.75	\$ -
	Storm Sewer RCP 27"	LIN FT	\$ 151.88	\$ -
	Storm Sewer RCP 30"	LIN FT	\$ 201.88	\$ -
	Storm Sewer RCP 36"	LIN FT	\$ 220.63	\$ -
	Storm Sewer RCP 48"	LIN FT	\$ 345.63	\$ -
	Storm Sewer RCP 60"	LIN FT	\$ 501.88	\$ -
	Concrete End Sections (size)	EACH	\$ -	\$ -
	Manholes (size) 5'X5' slab	EACH	\$ 5,312.50	\$ -
	Riprap 6" (VL)	CU YD	\$ 150.00	\$ -
	Riprap 9" (L)	CU YD	\$ 165.00	\$ -
Riprap 12" (M)	CU YD	\$ 184.38	\$ -	
Riprap 18" (H)	CU YD	\$ 203.13	\$ -	
Riprap 24" (VH)	CU YD	\$ 221.88	\$ -	
Urban Drainage District Final Inspection & Repair	ACRE	\$ 5,000.00	\$ -	

	Abatement Structures	EACH	\$	-	\$	-
				Total	\$	-
Detention / Retention	Outlet Structure (include grates, orifice plates, etc.)	EACH	\$	11,562.50	\$	-
	Pond grading	ACRE	\$	23,125.00	\$	-
Outlet Structure	Trickle channel	LIN FT	\$	50.00	\$	-
				Total	\$	-
Streets/Roads	Pavement Rotomilling	SQ YD	\$	10.63	\$	-
	Hot Bituminous Pavement-(thickness, width, inches)	TON	\$	109.38	\$	-
	HMP Patching	TON	\$	168.75	\$	-
	Aggregate Base Course	CU YD	\$	66.88	\$	-
	Fine Grading & Shaping	ACRE	\$	115.63	\$	-
	Soil Reconditioning	SQ YD	\$	10.63	\$	-
	Lime Treated Subgrade	TON	\$	340.63	\$	-
	Cross Pans 6'	LIN FT	\$	88.75	\$	-
	Combination Curb, Gutter & Sidewalk	LIN FT	\$	74.38	\$	-
	6" Vertical Curb and Gutter	LIN FT	\$	48.75	\$	-
	V Gutter Pan	LIN FT	\$	44.38	\$	-
	Detached Sidewalks (5' width)	LIN FT	\$	52.50	\$	-
	Crosswalks (concrete/pattern pavers)	SQ YD	\$	-	\$	-
	Bridges	EACH	\$	-	\$	-
	Trails (width)	LIN FT	\$	-	\$	-
	ADA Ramps	LIN FT	\$	3,750.00	\$	-
	Guard Rail	LIN FT	\$	43.75	\$	-
	Guard Rail End Section	EACH	\$	62.50	\$	-
	Striping	LIN FT	\$	-	\$	-
	Signs (street, stop, road name, traffic, etc.)	EACH	\$	700.00	\$	-
	Street Lighting (at street intersections with Arterial, etc.)	EACH	\$	20,000.00	\$	-
	Traffic Control Devices (signals)	EACH	\$	12.50	\$	-
	Median Treatment (stamped concrete, pavers, seeding)	SQ FT	\$	382.50	\$	-
	Trench Gravel (in place)	TON	\$	6.25	\$	-
	Geotextiles	SQ YD	\$	20.00	\$	-
				Total	\$	-
IMPROVEMENTS TOTALS						
				Subtotal	\$	-
				10% Contingency	\$	-
				TOTAL	\$	-

Engineer of Record _____ (name, printed) _____ (signature) _____ (date)

Owner/Applicant _____ (name, printed) _____ (signature) _____ (date)

Case Manager / Review Engineer _____ (name, printed) _____ (signature) _____ (date)

Exhibit "A"
Improvement Costs



100 Jefferson County Parkway
Suite 3550
Golden CO, 80419
303-271-8700
planning.jeffco.us
pzpermits@jeffco.us

Case Name 6th Ave West Park & Pool
Location 400 Holman Way
Case Number 22-113529GPA
Date 9/4/22

GRADING EROSION AND SEDIMENT CONTROL						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Construction	Vehicle Tracking Pad	EACH	1	\$ 2,850.00	\$ 2,850.00	
	Dewatering (small project and drainageway)	LUMP	2	\$ 1,250.00	\$ 2,500.00	
				Total	\$ 5,350.00	
Sediment Control	Inlet Protection	EACH	13	\$ 375.00	\$ 4,875.00	
	Concrete Washout Area (large site)	EACH	1	\$ 2,500.00	\$ 2,500.00	
	Sediment Control Logs	LIN FT	725	\$ 5.63	\$ 4,078.13	
				Total	\$ 11,453.13	
Erosion Control	Erosion Control Blankets	SQ YD	500	\$ 4.06	\$ 2,031.25	
	Outlet Protection (Type L Riprap)	CU YD	44	\$ 187.50	\$ 8,250.00	
				Total	\$ 10,281.25	
Grading	Grading	CU YD	4149	\$ 6.25	\$ 25,931.25	
				Total	\$ 25,931.25	
Final Stabilization	Permanent Seeding	ACRE	0.5	\$ 3,437.50	\$ 1,718.75	
	Sod	SQ FT	9400	\$ 2.50	\$ 23,500.00	
				Total	\$ 25,218.75	
STORM DRAINAGE						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Stormwater Conveyance	Type 'C' Inlet	EACH	2	\$ 4,937.50	\$ 9,875.00	
	Flared End Sections CMP (12")	EACH	4	\$ 1,350.00	\$ 5,400.00	
	Storm Sewer RCP 18"	LIN FT	719	\$ 111.25	\$ 79,988.75	
				Total	\$ 95,263.75	
Detention / Retention	Outlet Structure (include grates, orifice plates, etc.)	EACH	1	\$ 11,562.50	\$ 11,562.50	
	Pond grading	ACRE	0.5	\$ 23,125.00	\$ 11,562.50	
Outlet Structure					Total	\$ 23,125.00
CIRCULATION						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Streets/Roads	Soil Reconditioning	SQ YD	309	\$ 10.63	\$ 3,283.13	
	Cross Pans 6'	LIN FT	497	\$ 88.75	\$ 44,108.75	
	Striping	LIN FT	162	\$ 1.90	\$ 307.80	
	Signs (street, stop, road name, traffic, etc.)	EACH	4	\$ 6,875.00	\$ 27,500.00	
				Total	\$ 75,199.68	
UTILITIES						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Water Systems	Water Line Pipe 6" (C909 PVC)	LIN FT	120	\$ 250.00	\$ 30,000.00	
	Valve Adjustment	EACH	1	\$ 37.50	\$ 37.50	
				Total	\$ 30,037.50	
Sewer Systems	4" PVC Sewer Line	LIN FT	70	\$ 260.00	\$ 18,200.00	
				Total	\$ 18,200.00	
IMPROVEMENTS IN RIGHT OF WAY						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Streets/Roads	6" Vertical Curb and Gutter	LIN FT	374	\$ 48.75	\$ 18,232.50	
	Detached Sidewalks (5' width)	LIN FT	641	\$ 52.50	\$ 33,652.50	
	ADA Ramps	LIN FT	18	\$ 3,750.00	\$ 67,500.00	
				Total	\$ 119,385.00	
IMPROVEMENTS TOTALS						

Subtotal	\$	439,445.30
10% Contingency	\$	43,944.53
TOTAL	\$	483,389.83

Engineer of Record	John Doe	<i>John Doe</i>	9/2/22
Owner/Applicant	Jane Smith	<i>Jane Smith</i>	9/14/22
Case Manager	Mary Johnson	<i>Mary Johnson</i>	9/19/22

Exhibit "A"
Improvement Costs



100 Jefferson County Parkway
Suite 3550
Golden CO, 80419
303-271-8700
planning.jeffco.us
pzpermits@jeffco.us

Case Name Cedar Creek Subdivision
Location 12425 W 10th Ave
Case Number 21-104821PF
Date 5/11/22

GRADING EROSION AND SEDIMENT CONTROL						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Construction	Vehicle Tracking Pad	EACH	1	\$ 2,850.00	\$	2,850.00
				Total	\$	2,850.00
Sediment Control	Silt Fence	LIN FT	465	\$ 3.13	\$	1,453.13
	Inlet Protection	EACH	2	\$ 375.00	\$	750.00
	Check Dams	LIN FT	265	\$ 22.50	\$	5,962.50
	Concrete Washout Area (large site)	EACH	1	\$ 2,500.00	\$	2,500.00
				Total	\$	10,665.63
Erosion Control	Erosion Control Blankets	SQ YD	926	\$ 4.06	\$	3,761.88
				Total	\$	3,761.88
Grading	Grading	CU YD	630	\$ 6.25	\$	3,937.50
	Grading (Import)	CU YD	250	\$ 15.00	\$	3,750.00
	Compacting	CU YD	880	\$ 3.13	\$	2,750.00
				Total	\$	10,437.50
STORM DRAINAGE						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Stormwater	Storm Sewer RCP 18"	LIN FT	35.8	\$ 111.25	\$	3,982.75
Conveyance	Concrete End Sections (15")	EACH	1	\$ 205.00	\$	205.00
	Riprap 6" (VL)	CU YD	23	\$ 150.00	\$	3,450.00
				Total	\$	7,637.75
Detention / Retention	Outlet Structure (include grates, orifice plates, etc.)	EACH	1	\$ 11,562.50	\$	3,200.00
	Pond grading	ACRE	0.068	\$ 23,125.00	\$	1,572.50
Outlet Structure	Trickle channel	LIN FT	80	\$ 40.00	\$	3,200.00
				Total	\$	7,972.50
IMPROVEMENTS IN RIGHT OF WAY						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Streets/Roads	Pavement Rotomilling	SQ YD	633	\$ 10.63	\$	6,725.63
	Hot Bituminous Pavement-(5.5" thickness, 30 ft length, 0.5' length)	TON	128	\$ 109.38	\$	14,000.00
	HMP Patching	TON	8.7	\$ 168.75	\$	1,468.13
	Aggregate Base Course	CU YD	23	\$ 66.88	\$	1,538.13
	Fine Grading & Shaping	ACRE	0.15	\$ 115.63	\$	17.34
	Combination Curb, Gutter & Sidewalk	LIN FT	312	\$ 74.38	\$	23,205.00
	ADA Ramps	LIN FT	12	\$ 3,750.00	\$	45,000.00
				Total	\$	91,954.22
IMPROVEMENTS TOTALS						
			Subtotal	\$	135,279.47	
			10% Contingency	\$	13,527.95	
			TOTAL	\$	148,807.42	

Engineer of Record _____ John Doe *John Doe* 5/11/22

Owner/Applicant _____ Jane Smith *Jane Smith* 5/11/22

Review Engineer _____ Mary Johnson *Mary Johnson* 6/1/22

Exhibit "A"
Improvement Costs



100 Jefferson County Parkway
Suite 3550
Golden CO, 80419
303-271-8700
planning.jeffco.us
pzpermits@jeffco.us

Case Name Cedar Creek Subdivision
Location 12425 W 10th Ave
Case Number 21-104821PF
Date 5/11/22

GRADING EROSION AND SEDIMENT CONTROL						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Construction	Vehicle Tracking Pad	EACH	1			
				Total \$		-
Sediment Control	Silt Fence	LIN FT	465			
	Inlet Protection	EACH	2			
	Check Dams	LIN FT	265			
	Concrete Washout Area (large site)	EACH	1			
				Total \$		-
Erosion Control	Erosion Control Blankets	SQ YD	926			
				Total \$		-
Grading	Grading	CU YD	630			
	Grading (Import)	CU YD	250			
	Compacting	CU YD	880			
				Total \$		-
STORM DRAINAGE						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Stormwater	Storm Sewer RCP 18"	LIN FT	35.8			
Conveyance	Concrete End Sections (15")	EACH	1			
	Riprap 6" (VL)	CU YD	23			
				Total \$		-
Detention / Retention	Outlet Structure (include grates, orifice plates, etc.)	EACH	1			
	Pond grading	ACRE	0.068			
Outlet Structure	Trickle channel	LIN FT	80			
				Total \$		-
IMPROVEMENTS IN RIGHT OF WAY						
Work Category	Improvement Item	Unit	Plan Quantity	Unit Cost	Total Cost	
Streets/Roads	Pavement Rotomilling	SQ YD	633			
	Hot Bituminous Pavement-(5.5" thickness, 30 ft length, 0.5' length)	TON	128			
	HMP Patching	TON	8.7			
	Aggregate Base Course	CU YD	23			
	Fine Grading & Shaping	ACRE	0.15			
	Combination Curb, Gutter & Sidewalk	LIN FT	312			
	ADA Ramps	LIN FT	12			
				Total \$		-
IMPROVEMENTS TOTALS						
				Subtotal	\$	-
				10% Contingency	\$	-
				TOTAL	\$	-

Engineer of Record _____ John Doe *John Doe* 5/11/22

Owner/Applicant _____ Jane Smith *Jane Smith* 5/11/22

Review Engineer _____ Mary Johnson *Mary Johnson* 6/1/22