

Construct end of the OC&E Trail to Downtown

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 55,000	\$ 55,000
2	Traffic Control (2%)	LS	1	\$ 11,000	\$ 11,000
3	New Shared Use Path across 6th Street Bridge	LS	1	\$ 507,000	\$ 507,000
2016 CONSTRUCTION COSTS					\$ 573,000
	Construction Contingency (20%)				\$ 114,600
	Design Engineering/Surveying				\$ 57,300
	Construction Administration /Engineering/Inspection				\$ 57,300
	Permitting				\$ 57,300
TOTAL					\$ 859,500

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:
Connecting the OC&E Trail to downtown via 6th Street bridge by widening the sidewalk to provide a shared-use path.

Includes:
Using the existing bridge, striping lane shifts, building an elevated multi-use path on the south side, reusing the existing bridge rail, etc.



Connecting the "A" Canal Trail to the ODOT Trail

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 11,000	\$ 11,000
2	Traffic Control (2%)	LS	1	\$ 2,000	\$ 2,000
3	New Shared Use Path	LS	1	\$ 98,000	\$ 98,000
2016 CONSTRUCTION COSTS					\$ 111,000
	Construction Contingency (20%)				\$ 22,200
	Design Engineering/Surveying				\$ 11,100
	Construction Administration /Engineering/Inspection				\$ 11,100
	Permitting				\$ 11,100
TOTAL					\$166,500

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Connecting the "A" Canal Trail to the ODOT Trail by widening the sidewalks to provide for a shared use path.

Includes:

Asphalt, Concrete, Bridge Work, Demolition, Restriping, Signs



URBAN TRAIL MASTER PLAN
KLAMATH FALLS, OREGON
PRELIMINARY COST ESTIMATE

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Connecting the "A" Canal Trail to the Foothills Trail

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 10,000	\$ 10,000
2	Traffic Control (2%)	LS	1	\$ 2,000	\$ 2,000
3	New Shared Use Path across bridge on east side	LS	1	\$ 90,000	\$ 90,000
2016 CONSTRUCTION COSTS					\$ 102,000
	Construction Contingency (20%)				\$ 20,400
	Design Engineering/Surveying				\$ 10,200
	Construction Administration/Engineering/Inspection				\$ 10,200
	Permitting				\$ 10,200
TOTAL					\$ 153,000

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Connecting the "A" Canal Trail to the Foothills Trail by widening the sidewalk on the east side of the Washburn Way bridge to provide a path between the two trails.

Includes:

RRFB, Concrete, Demolition, Adjusting Curb Radius, Restriping & Signs



Connecting the "A" Canal Trail to the Ella Redkey Swimming Pool

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 2,500	\$ 2,500
2	New Shared Use Path	LS	1	\$ 25,000	\$ 25,000
				2016 CONSTRUCTION COSTS	\$ 27,500
	Construction Contingency (20%)				\$ 5,500
	Design Engineering /Surveying				\$ 10,000
	Construction Administration/Engineering/Inspection				\$ 10,000
	Permitting				\$ 2,800
TOTAL					\$55,800

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Connecting the "A" Canal Trail to the Ella Redkey Pool by installing a shared use path between the trail and the parking lot/front entrance to the pool.

Includes:

Retaining Wall, Rail, Asphalt, Fill & Aggregate Base.

Connecting the "A" Canal Trail to Kiger Stadium and Klamath County Fairgrounds

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 13,000	\$ 13,000
2	Traffic Control (2%)	LS	1	\$ 2,600	\$ 2,600
3	New Shared Use Path	LS	1	\$ 117,000	\$ 117,000
				2016 CONSTRUCTION COSTS	\$ 132,600
	Construction Contingency (20%)				\$ 26,600
	Design Engineering/Surveying				\$ 13,300
	Construction Administration/Engineering/Inspection				\$ 13,300
	Permitting				\$ 13,300
TOTAL					\$199,100

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Connecting the "A" Canal Trail to Kiger Stadium and the Klamath County Fairgrounds by paving the informal service road from the "A" Canal Trail to the Kiger Stadium Parking Lot and installing a shared use path along the west side of Kiger Stadium to the Fairgrounds.

Includes:

Asphalt, Fill, Striping & Aggregate Base.



Campus Trail to Biehn Street Connection

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 7,000	\$ 7,000
2	Traffic Control (2%)	LS	1	\$ 1,400	\$ 1,400
3	Install Shared Use Path	LS	1	\$ 64,000	\$ 64,000
CONSTRUCTION COSTS					\$ 72,400
	Construction Contingency (20%)				\$ 14,500
	Design Engineering /Surveying				\$ 7,300
	Construction Administration /Engineering/Inspection				\$ 7,300
	Permitting				\$ 7,300
TOTAL					\$108,800

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:
Connecting Campus Trail to Biehn Street by widening the sidewalks on the north side of Campus Drive.

Includes:
Demolition, Excavation, Right of way, Utility Relocation



Connecting the ODOT Trail to Kit Carson Park

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 1,100	\$ 1,100
2	New Shared Use Path	LS	1	\$ 10,000	\$ 10,000
				CONSTRUCTION COSTS	\$ 11,100
	Construction Contingency (20%)				\$ 2,300
	Design Engineering /Surveying				\$ 6,000
	Construction Administration/Engineering/Inspection				\$ 2,000
	Permitting				\$ 1,200
				TOTAL	\$22,600

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:
Connecting the ODOT Trail to Kit Carson Park with a shared use path.

Includes:
Excavation, Aggregate, Asphalt, Signs



Veteran's Park Trail Connections

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 6,000	\$ 6,000
2	Traffic Control (2%)	LS	1	\$ 1,200	\$ 1,200
3	New Shared Use Path	LS	1	\$ 51,000	\$ 51,000
4	New Crosswalk	LS	1	\$ 2,000	\$ 2,000
				2016 CONSTRUCTION COSTS	\$ 60,200
	Construction Contingency (20%)				\$ 12,100
	Design Engineering /Surveying				\$ 6,100
	Construction Administration/Engineering/Inspection				\$ 6,100
	Permitting				\$ 6,100
TOTAL					\$90,600

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Connecting Veteran's Park and the Link River Trail by widening the sidewalks on the north side of Main Street to provide for a shared use path. Installation of a crossing at Main Street west of the park's access.

Includes:

Restriping, Signs, Bike Symbols



"A" Canal Trail to Crossing at SW 6th Street

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 1,000	\$ 1,000
2	Traffic Control (2%)	LS	1	\$ 1,000	\$ 1,000
3	New Shared Use Path	LS	1	\$ 7,000.00	\$ 7,000
				2016 CONSTRUCTION COSTS	\$ 9,000
	Construction Contingency (20%)				\$ 1,800
	Design Engineering/Surveying				\$ 5,000
	Construction Administration/Engineering/Inspection				\$ 2,000
	Permitting				\$ 900
TOTAL					\$18,700

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Improving the "A" Canal Crossing at SW 6th Street by widening sidewalks on the south side of SW 6th Street to better accommodate bicyclists using the signalized crossing.

Includes:

Demolition, New Sidewalk



"A" Canal Trail Connection to Klamath Union High School

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 20,000	\$ 20,000
2	Traffic Control (2%)	LS	1	\$ 4,000	\$ 4,000
3	New Shared Use Path	LS	1	\$ 175,000	\$ 175,000
				2016 CONSTRUCTION COSTS	\$ 199,000
	Construction Contingency (20%)				\$ 39,800
	Design Engineering/Surveying				\$ 19,900
	Construction Administration/Engineering/Inspection				\$ 19,900
	Permitting				\$ 19,900
TOTAL					\$298,500

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Connecting the "A" Canal to Klamath Union High School by widening the sidewalk to provide a shared use path to the High School.

Includes:

Sidewalk widening, Utility Relocation, Railroad Coordination, Rail Flaggers



Southern Connection to Steen Sports Park

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 10,000	\$ 10,000
2	New Shared Use Path	LS	1	\$ 90,000	\$ 90,000
				2016 CONSTRUCTION COSTS	\$ 100,000
	Construction Contingency (20%)				\$ 20,000
	Design Engineering/Surveying				\$ 10,000
	Construction Administration/Engineering/Inspection				\$ 10,000
	Permitting				\$ 10,000
TOTAL					\$ 150,000

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:
Creating a connection on the south side of Steen Sports Park between Summers Lane and Wiard Street.

Includes:
Asphalt, Lighting, Right of way



Hope Street: OC&E Trail Crossing

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 500.00	\$ 500
2	Traffic Control (2%)	LS	1	\$ 200.00	\$ 200
3	New Crosswalk	LS	1	\$ 2,000.00	\$ 2,000
				2016 CONSTRUCTION COSTS	\$ 2,700
	Construction Contingency (20%)				\$ 600
	Design Engineering /Surveying				**
	Construction Administration				**
TOTAL					\$ 3,300

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

**By City or County

Project Description:

Installing striped crosswalk and appropriate signage across the Hope Street OC&E Trail crossing.

Includes:

Crosswalk and signage



Homedale Road: "A" Canal Trail Crossing

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 3,500.00	\$ 3,500
2	Traffic Control (2%)	LS	1	\$ 1,000.00	\$ 1,000
3	New Crossing (Homedale Road)	LS	1	\$34,000.00	\$ 34,000
				2016 CONSTRUCTION COSTS	\$ 38,500
	Construction Contingency (20%)				\$ 7,700
	Design Engineering /Surveying				\$ 3,900
	Construction Administration /Engineering/Inspection				\$ 3,900
	Permitting				\$ 3,900
TOTAL					\$57,900

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Install striped crosswalk, appropriate signage, RRFB & a raised median across the Hope Street OC&E Trail crossing.

Includes:

Striping, Lighting, Signage, RRFB, Raised Median & Demolition



Hope Street: "A" Canal Trail Crossing

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 500.00	\$ 500
2	Traffic Control (2%)	LS	1	\$ 200.00	\$ 200
3	New Crosswalk	LS	1	\$ 2,000.00	\$ 2,000
				2016 CONSTRUCTION COSTS	\$ 2,700
	Construction Contingency (20%)				\$ 600
	Design Engineering /Surveying				**
	Construction Administration/Engineering/Inspection				**
	Permitting				\$ 300
TOTAL					\$ 3,600

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

**By City or County

Project Description:
Install striped crosswalk and appropriate signage acrossed the Hope Street OC&E Trail crossing.

Includes:
Crosswalk and signage.



OR 39 (OC&E Trail to OR 140)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 4,600	\$ 4,600
2	Traffic Control (2%)	LS	1	\$ 1,500	\$ 1,500
3	Install Buffered Bike Lane	LS	1	\$ 42,000	\$ 42,000
				2016 CONSTRUCTION COSTS	\$ 48,100
	Construction Contingency (20%)				\$ 9,700
	Design Engineering /Surveying				\$ 4,900
	Construction Administration/Engineering/Inspection				\$ 4,900
	Permitting				\$ 4,900
TOTAL					\$72,500

*Does not include inflation. Typical inflation rates vary and are between 3 and 5 percent per year.

Project Description:
Install buffered bicycle lanes by widening existing shoulders and narrowing lanes/
center turn lane.

Includes:
Striping both sides of Highway, Demolition, Right of way, Utility Relocates



Shasta Way (Patterson Street to Kimberly Drive)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 5,000	\$ 5,000
2	Traffic Control (2%)	LS	1	\$ 1,000	\$ 1,000
3	Sharrows	LS	1	\$ 8,000	\$ 8,000
4	Traffic Calming	LS	1	\$ 35,000	\$ 35,000
				2016 CONSTRUCTION COSTS	\$ 49,000
	Construction Contingency (20%)				\$ 9,800
	Design Engineering/Surveying				\$ 4,900
	Construction Administration/Engineering/Inspection				\$ 4,900
	Public Outreach				\$ 2,000
	Permitting				\$ 4,900
TOTAL					\$75,500

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:
Install sharrows and traffic calming along Shasta Way from Patterson Street to Kimberly Drive.

Includes:
Sharrows, Traffic Calming

OR 140 South Side Bypass: Washburn Way to Homedale Road

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 107,000	\$ 107,000
2	Traffic Control (2%)	LS	1	\$ 22,000	\$ 22,000
3	Install Shared Use Path	LS	1	\$ 960,000	\$ 960,000
2016 CONSTRUCTION COSTS					\$ 1,089,000
	Construction Contingency (20%)				\$ 217,800
	Design Engineering/Surveying				\$ 108,900
	Construction Administration/Engineering/Inspection				\$ 108,900
	Permitting				\$ 108,900
TOTAL					\$ 1,633,500

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year. Does not include Roadroad Crossing modifications.

Project Description:
Install shared-use path on South Side Bypass from Homedale Road to Washburn Way.

Includes:
Demolition, Asphalt, Aggregate base, Utility Relocation, Right of Way



6th Street (Market Street to Main Street)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 1,500	\$ 1,500
2	Traffic Control (2%)	LS	1	\$ 1,000	\$ 1,000
3	Install Bike Lane Striping/Symbols	LS	1	\$ 8,000	\$ 8,000
2016 CONSTRUCTION COSTS					\$ 10,500
	Construction Contingency (20%)				\$ 2,100
	Design Engineering /Surveying				**
	Construction Administration/Engineering/Inspection				**
	Public Outreach				\$ 2,000
	Permitting				\$ 1,100
TOTAL					\$ 15,700

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year. May require modifications to remove parking, City to perform public outreach to adjacent businesses.

**By City

Project Description:

Install bicycle lane striping on 6th Street from Market Street to Main Street. No roadway widening required.

Includes:

Public outreach, 8" Wide Striping, Two Bicycle Symbols per Block at \$400/ea.



5th Street (Main Street to 6th Street)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 1,500	\$ 1,500
2	Traffic Control (2%)	LS	1	\$ 1,000	\$ 1,000
3	Install Bike Lane Striping/Symbols	LS	1	\$ 9,000	\$ 9,000
	2016 CONSTRUCTION COSTS			\$	11,500
	Construction Contingency (20%)			\$	2,300
	Design Engineering/Surveying			\$	1,200
	Construction Administration/Engineering/Inspection			\$	1,200
	Public Outreach			\$	2,000
	Permitting			\$	1,200
TOTAL					\$ 19,400

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year. May require modifications to remove parking, City to perform public outreach to adjacent businesses.

**By City

Project Description:

Install bicycle lane striping along 5th Street from Main Street to 6th Street. No roadway widening required.

Includes:

Public outreach, 8" wide striping, two bicycle symbols per block at \$400/ea.



Klamath Avenue (Conger Avenue to Commercial Street)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 1,700	\$ 1,700
2	Traffic Control (2%)	LS	1	\$ 1,000	\$ 1,000
3	Install Bike Lane Striping/Symbols	LS	1	\$ 15,000	\$ 15,000
2016 CONSTRUCTION COSTS					\$ 17,700
	Construction Contingency (20%)				\$ 3,600
	Design Engineering/Surveying				\$ 1,800
	Construction Administration/Engineering/Inspection				\$ 1,800
	Public Outreach				\$ 2,000
	Permitting				\$ 1,800
TOTAL					\$ 28,700

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year. May require modifications to remove parking, City to perform public outreach to adjacent businesses.

**By City

Project Description:

Install bicycle lane striping on Klamath Avenue from Conger Avenue to Commercial street. No roadway widening required.

Includes:

Public outreach, 8" wide striping, two bicycle symbols per block at \$400/ea.



Main Street (Esplanade Avenue to Mill Street)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 1,700	\$ 1,700
2	Traffic Control (2%)	LS	1	\$ 600	\$ 600
3	Install Bike Lane Striping/Symbols	LS	1	\$ 15,000	\$ 15,000
2016 CONSTRUCTION COSTS					\$ 17,300
	Construction Contingency (20%)				\$ 3,500
	Design Engineering/Surveying				**
	Construction Administration/Engineering/Inspection				**
	Public Outreach				\$ 2,000
	Permitting				\$ 1,800
TOTAL					\$ 24,600

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year. May require modifications to remove parking, City to perform public outreach to adjacent businesses.

**By City

Project Description:

Install bicycle lane striping on Main Street from Esplanade Avenue to Mill Street. No roadway widening required.

Includes:

Public outreach, 8" wide striping, two bicycle symbols per block at \$400/ea.



Lakeshore Drive (Lynnewood Blvd to West UGB)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 273,000	\$ 273,000
2	Traffic Control (2%)	LS	1	\$ 55,000	\$ 55,000
3	Bike Lane - Asphalt Widening	LS	1	\$ 2,416,000	\$ 2,416,000
2016 CONSTRUCTION COSTS					\$ 2,744,000
	Construction Contingency (20%)				\$ 548,800
	Design Engineering/Surveying				\$ 274,400
	Construction Administration/Engineering/Inspection				\$ 274,400
	Public Outreach				\$ 5,000
	Permitting				\$ 274,400
TOTAL					\$ 4,121,000

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Widening of pavement to accommodate shoulders or bicycle lanes on Lakeshore Drive from Lynnewood Blvd to West Urban Growth Boundary.

Includes:

Asphalt widening, Demolition, Right of way, Retaining Walls



Main Street (Esplanade Avenue to Crater Lake Parkway)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 2,000	\$ 2,000
2	Traffic Control (2%)	LS	1	\$ 1,000	\$ 1,000
3	Install Bike Lane Striping/Symbols	LS	1	\$ 19,000	\$ 19,000
2016 CONSTRUCTION COSTS					\$ 22,000
	Construction Contingency (20%)				\$ 4,400
	Design Engineering/Surveying				**
	Construction Administration/Engineering/Inspection				**
	Public Outreach				\$ 2,000
	Permitting				\$ 2,200
TOTAL					\$ 30,600

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year. May require modifications to remove parking, City to perform public outreach to adjacent businesses.

**By City

Project Description:

Install bicycle lane striping on Main Street from (Esplanade Avenue to Crater Lake Parkway).

Includes:

8" Wide Striping, Two Bicycle Symbols per Block at \$400/ea.



Old Fort Road (Loma Linda Drive to UGB)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (5%)	LS	1	\$ 285,000	\$ 285,000
2	Traffic Control (2%)	LS	1	\$ 60,000	\$ 60,000
3	Asphalt Widening	LS	1	\$ 3,000,000	\$ 3,000,000
2016 CONSTRUCTION COSTS					\$ 3,345,000
	Construction Contingency (20%)				\$ 669,000
	Design Engineering/Surveying				\$ 334,500
	Construction Administration/Engineering/Inspection				\$ 334,500
	Public Outreach				\$ 20,000
	Permitting				\$ 334,500
TOTAL					\$ 5,037,500

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:
Widening of Old Fort Road from Loma Linda Drive to the Urban Growth Boundary to add paved shoulders or bike lanes.

Includes:
Asphalt, Aggregate Base, Drainage Ditches/Pipes, Utility Relocation, New Driveways and Right of Way.



Biehn Street (Crater Lake Parkway to Oregon Avenue)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 2,600	\$ 2,600
2	Traffic Control (2%)	LS	1	\$ 1,000	\$ 1,000
3	Install Bike Lane Striping/Symbols	LS	1	\$ 22,000	\$ 22,000
				2016 CONSTRUCTION COSTS	\$ 25,600
	Construction Contingency (20%)				\$ 5,200
	Design Engineering /Surveying				**
	Construction Administration/Engineering/Inspection				**
	Permitting				\$ 2,600
				TOTAL	\$ 33,400

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

**By City

Project Description:

Widening the bicycle lanes along Biehn Street from Crater Lake Parkway to Oregon Avenue by restriping the roadway.

Includes:

Remove Striping, New Striping/Symbols



N Eldorado Avenue (From Huron Street to Campus Drive)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 2,500	\$ 2,500
2	Traffic Control (2%)	LS	1	\$ 1,000	\$ 1,000
3	Install Sharrows	LS	1	\$ 23,000	\$ 23,000
	2016 CONSTRUCTION COSTS				\$ 26,500
	Construction Contingency (20%)				\$ 5,300
	Design Engineering/Surveying				**
	Construction Administration/Engineering/Inspection				**
	Permitting				\$ 2,700
	TOTAL				\$ 34,500

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

**By City

Project Description:

Installation of Sharrows and Traffic calming along N Eldorado Avenue from Huron Street to Campus Drive.

Includes:

Pavement Legend (3 per block @ \$300/each)



URBAN TRAIL MASTER PLAN
KLAMATH FALLS, OREGON
PRELIMINARY COST ESTIMATE

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OR 39 (OC&E Trail to Keller Road)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 50,000	\$ 50,000
2	Traffic Control (2%)	LS	1	\$ 10,000	\$ 10,000
3	Install Sidewalks/Curbs	LS	1	\$ 436,000	\$ 436,000
				2016 CONSTRUCTION COSTS	\$ 496,000
	Construction Contingency (20%)				\$ 99,200
	Design Engineering/Surveying				\$ 49,600
	Construction Administration/Engineering/Inspection				\$ 49,600
	Permitting				\$ 49,600
TOTAL					\$ 744,000

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Installation of sidewalks on both sides of Highway 39 from the OC&E Trail to Keller Road.

Includes:

Sidewalk and curb installation on both sides of the street, Right of way, Utility Relocation.

Hope Street (Bristol Avenue to SW 6th Street)

Item	Description	Unit	Quantity	Unit Price	Total
1	Mobilization (10%)	LS	1	\$ 142,000	\$ 142,000
2	Traffic Control (2%)	LS	1	\$ 30,000	\$ 30,000
3	Install Sidewalks	LS	1	\$ 1,260,000	\$ 1,260,000
				2016 CONSTRUCTION COSTS	\$ 1,432,000
	Construction Contingency (20%)				\$ 286,400
	Design Engineering/Surveying				\$ 143,200
	Construction Administration/Engineering/Inspection				\$ 143,200
	Permitting				\$ 143,200
TOTAL					\$ 2,148,000

*Does not include inflation. Typical Inflation rates vary and are between 3 and 5 percent per year.

Project Description:

Installation of sidewalks on both sides of Hope Street from Bristol Avenue to to SW 6th Street.

Includes:

Sidewalk and curb installation on both sides of the street, Right of way, Utility Relocation.