



Animas River Trail & Oxbow Park

North to Oxbow Park- Durango, CO

PERCENT SUBCONTRACTED:

\$1,948,223 of \$7,268,428 (27%)

SUBCONTRACTED ITEMS:

Temporary Shoring
Bridge deck and bridge rail
Painting
Electrical

OWNER:

City of Durango

ARCHITECT/ENGINEER:

DHM Design

Goff Engineering and Surveying - Oxbow Park
Loris Engineering - Segments 2 & 3

CONTRACT TYPE:

Fixed Price

INITIAL CONTRACT VALUE:

\$7,268,428

FINAL CONTRACT VALUE:

To Be Determined

START DATE:

April, 2019

COMPLETION DATE:

Under Construction

DESCRIPTION OF WORK COMPLETED:

Oxbow Park River Access includes the construction of a parking area, steel changing structure, walkways, concrete retaining walls, boulder retaining walls, boat ramp, river access, utility work, landscaping, and installation of a pre-cast concrete restroom building.

Segment 2 of the multi-phase trail development to connect Oxbow Park with the Animas River Trail at Animas City Park includes construction of 1,561 SY concrete bikeway, 880 LF of cast-in-place structural concrete retaining walls, and 194 LF of 12" sanitary sewer realignment. Development of the north end of Animas City Park, which includes overlot grading, irrigation and landscape installation is also included as part of the scope of work.

Segment 3 of the multi-phase trail development to connect Oxbow Park with the Animas River Trail at Animas City Park includes construction of 3,548 SY concrete bikeway, and 3,700 LF of mechanically stabilized earth (MSE) block retaining walls.



ACTIVITIES COMPLETED:

WCA self-performed all excavation, form work, rebar tying, and concrete placement, wet and dry utilities.





San Juan River Habitat

Blanco, NM

PRIME CONTRACTOR:

WCA Construction

PERCENT SUBCONTRACTED:

95% self performed by WCA

SUBCONTRACTED ITEMS:

Seeding and vegetation

OWNER:

State of New Mexico
Department of Game and Fish

ARCHITECT/ENGINEER:

Riverbend Engineering, LLC

CONTRACT TYPE:

Fixed Price

INITIAL CONTRACT VALUE:

\$1,199,910.80

FINAL CONTRACT VALUE:

\$1,199,910.80

START DATE:

December, 2017

COMPLETION DATE:

March, 2018

DESCRIPTION OF WORK COMPLETED:

Gathered construction materials including large boulders and large tree sections from designated nearby locations and transported to the project sites.

At Simon Canyon, a new concrete boat ramp was constructed. Excavated depressional wetland areas and floodplain benches and placed the excavated soils in adjacent fill areas. Fine graded wetland areas for “plug” planting and benches for “wetland” seeding and mulching application. Furnished and installed wetland specific plant materials, trees and shrubs. Constructed structures in the San Juan River that promote sediment transport and fish habitat including; woody debris structures, large rock deflectors, small rock deflectors, habitat rocks, sills, channel shaping and side bar fills, as directed by the project Engineer.

At Rainbow Lodge, constructed a new concrete boat ramp. Constructed structures in the San Juan River that promote erosion control and bank stabilization including a large rock deflector, and other rock placements. Graded drainage ditch. Graded and resurfaced a parking lot with base course. Furnished and installed signs for both temporary construction information and permanent parking. Other related site improvements include fencing, shrub and invasive species removal, and other site reclamation work.



ACTIVITIES COMPLETED:

WCA self-performed all excavation, form work, rebar tying, and concrete placement. Additionally WCA constructed fish habitat and river rehabilitation structures.





Animas River Trail

North Mall Corner - Durango, CO

PERCENT SUBCONTRACTED:

63% self performed by WCA

SUBCONTRACTED ITEMS:

- Caissons
- Bridge deck and bridge rail
- Painting
- Electrical

OWNER:

City of Durango

ARCHITECT/ENGINEER:

City of Durango

CONTRACT TYPE:

Fixed Price

INITIAL CONTRACT VALUE:

\$1,892,253.00

FINAL CONTRACT VALUE:

\$1,902,371.73

START DATE:

June, 2011

COMPLETION DATE:

September, 2012

DESCRIPTION OF WORK COMPLETED:

The 1,010 foot long trail is a combination of trail on-grade sections, path in cut sections with uphill/downhill retaining walls, an elevated (513 foot long bridge) section, and a section on Engineered fill with retaining walls.

The project included stream bank repairs, riparian restoration with a combination of trees, shrubs and grass, landscape walls, structural concrete retaining walls and abutments, concrete piers, bridge structure, concrete paving, drainage improvements, utility improvements, earthwork, trail lighting, and railing.



ACTIVITIES COMPLETED:

WCA self-performed all excavation, form work, rebar tying, and concrete placement.





La Plata River Restoration

Red Mesa, CO

PRIME CONTRACTOR:

WCA Construction

PERCENT SUBCONTRACTED:

15% - Seeding and Landscaping

OWNER:

U.S. Bureau of Reclamation

ARCHITECT/ENGINEER:

U.S. Bureau of Reclamation

CONTRACT TYPE:

Negotiated

CONTRACT VALUE:

\$965,000

START DATE:

2005

DESCRIPTION OF WORK COMPLETED:

Restore 3,500 of river feet along the La Plata River. Work included realignment of channel by creating a series of curves, bank armoring, stone fish structures, creating fish habitat with tree root balls and revegetating the river bottom with trees, shrubs, and grass. Constructed



ACTIVITIES COMPLETED:

WCA self-performed all excavation and embankment, bank armoring, tree root balls fish habitat, and boulder placement.





Basin Creek Drop Structures

Durango, CO

PERCENT SUBCONTRACTED:

95% self performed by WCA

SUBCONTRACTED ITEMS:

Seeding and vegetation

OWNER:

U.S. Bureau of Reclamation

ARCHITECT/ENGINEER:

U.S. Bureau of Reclamation

CONTRACT TYPE:

Negotiated

CONTRACT VALUE:

\$6,250,000

COMPLETION DATE:

2012

This project is part of the Animas-La Plata Project with the purpose upgrading Basin Creek to accommodate the increased stream flows that will be released from the newly constructed Lake Nighthorse. The work included construction of 13,000 feet of meandering creek channel with varying channel widths and plunge pools, and the construction of 11 grouted rip rap drop structures on Basin Creek below Ridges Basin Dam.



PRE-CONSTRUCTION - 1993



CONSTRUCTION - 2005



POST CONSTRUCTION - 2012





San Juan River Habitat

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PRIME CONTRACTOR:

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POST CONSTRUCTION - 2012





Dolores River Restoration

Dolores, CO

PERCENT SUBCONTRACTED:

80% self performed by WCA

SUBCONTRACTED ITEMS:

Design

OWNER:

Collection of Private
Land Owners

ARCHITECT/ENGINEER:

Riverbend Engineering, LLC

CONTRACT TYPE:

Design Build

INITIAL CONTRACT VALUE:

\$43,000

FINAL CONTRACT VALUE:

\$43,000

START DATE:

March, 2018

COMPLETION DATE:

April, 2018

DESCRIPTION OF WORK COMPLETED:

Restored 1/3 mile of Dolores river that was previously dredged. Work included creation of fish habitat structures, bank improvements and river access.

Constructed structures in the Dolores that promote sediment transport and fish habitat including; woody debris structures, large rock deflectors, small rock deflectors, habitat rocks, sills, channel shaping and side bar fills, as directed by the River Bend Engineering. This section of the river was wide and shallow due to dredging operations. Deep pools were excavated and excavated materials were stacked along the opposite bank in half moon shapes mirroring the excavated pools. Deflector structures were then constructed using imported large boulders that were interlaced with cottonwood trucks to protect the holes and promote scour action. Holes and structures were staggered from river left to river right to create a more natural bending action to the Dolores river.

This project was subject to flood conditions for an extended period of time in the spring and early summer of 2019. The Army Corps of Engineers reported the project to be in excellent condition after a post runoff site inspection.



ACTIVITIES COMPLETED:

WCA self-performed all excavation and embankment, bank armoring, tree root balls fish habitat, and boulder placement.





Dolores River Restoration

Dolores, CO

PERCENT SUBCONTRACTED:

80% self performed by WCA

SUBCONTRACTED ITEMS:

Design

OWNER:

Collection of Private
Land Owners

ARCHITECT/ENGINEER:

Riverbend Engineering, LLC

CONTRACT TYPE:

Design Build

INITIAL CONTRACT VALUE:

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