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COP CHRONICLE

SWGTP BY-PRODUCT PIPELINE—PHASE 1 West Jordan, UT

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The By-Product Pipeline Phase 1 project consists of installing 56,750 LF of 18" HDPE; 12,936 LF of 20" HDPE, and 3,200LF of 24" welded steel water line. The project also requires the construction of 7 air vacuum vaults within the street section of the project, 45 precast vaults along the canal access road portion, and the construction of a pig launch vault.



The HDPE had to be encased in flowfill along the canal; the pipe had to be held down to keep it from floating.

Photo by Justin Tomison

Most of the pipe is installed by open trench. However, the canal crossings and many major roadways have to be installed by directional drilling. A total of 15 directional drills will be completed ranging from 85 LF to 650 LF.

The project spans a total of 13.5 miles across the Salt Lake Valley's west side.

We began this project in January, 2010. The anticipated completion date is May, 2011 with a current contract value of \$8.9 million.

The project requires coordination between the Owner, the Engineer, Utah and Salt Lake Canal Company, West Jordan City, Taylorsville City, Murray City, West Valley City, Salt Lake County, and UDOT.

Due to the complexity of this project, a sincere "thank you" is extended to the Owner, Jordan Valley Water Conservancy District, for helping us coordinate changes between the multiple municipalities, as well as the canal company, and facilitating resolutions to unforeseen conflicts that arose in the field.

Bowen Collins & Associates, Engineer, has been very responsive in dealing with numerous changes that have occurred during this project.

A special thanks to Justin Tomison, Project Manager, Cody Stansfield, Superintendent, and all of our crew mem-



To avoid road closures, the work area was barricaded off to accommodate traffic flow.

Photo by Justin Tomison

bers which included peak crews of 10 for pipe and 3 for concrete. Sam Vaitai has played a key role in the completion of the cast in place portions of the project. Lead trackhoe operator, John King, has provided vast amounts of support to both Cody in the field and Justin in the office. *Thank you everyone!*

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From the desk of the President –



The ability for COP Construction to market itself is extremely important in this competitive climate.

Each one of us is a salesman for the Company. As representatives of our Company, your actions determine, to a great degree, what owners, engineers, vendors, and subcontractors think of us.

COP enjoys a great reputation in our industry, and this is mainly due to the excellent job our employees have done in representing us. Whether it is operating a COP vehicle, meeting with concerned neighbors on a project in their neighborhood, or negotiating a change order with a customer, please remember that you are the face of COP Construction.

With your help, we can continue to strengthen our reputation and turn this asset into our biggest marketing tool.

BEST WISHES FOR A GREAT SPRING AND A FUN-FILLED SUMMER!

MEET THE FACES OF COP

Justin Tomison relocated to the Salt Lake office from Rock Springs in December of 2009 as a Project Engineer. As the By-Product Pipeline project progressed, he moved into the role of Project Manager. Throughout the year Justin has also stepped in to assist with estimating. Justin has been with the company for 4 ½ years and is looking forward to many more years with COP.

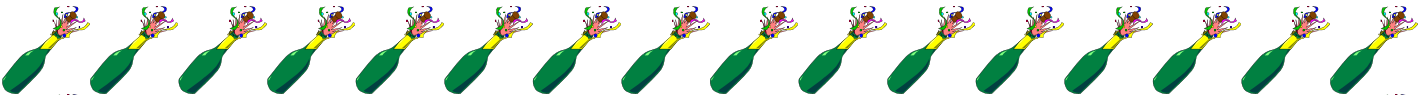


He is an Army Reservist and is currently serving out the remainder of his contract on inactive status. While in the service, Justin took part in training missions in South Carolina, Missouri, Louisiana, Hawaii, California and Honduras. Prior to joining the team at COP, he also served a tour of duty in Mosul, Iraq.

Justin has two children, and says the three of them look forward to lots of summer activities.



Cody Stansfield is a Superintendent based out of the Salt Lake Office. Cody started with COP in May of 2001 and since that time has worked as a laborer, pipe layer, operator, and foreman. Cody lives in Heber, Utah with his wife Brit. They have two boys, Orion and Tyse. On weekends Cody and his boys ride four wheelers, hike, round up cows, shoot, or whatever sounds fun to them! Whenever Cody isn't working, he enjoys wakeboarding, snowboarding, skateboarding, riding motorcycles and four wheelers, camping, and shooting.



BEST WISHES, GARY ERICKSON !!

Gary began his career with COP Construction on January 1, 1970 as a Carpenter at the young age of 23, quickly moving to a Carpenter Foreman position early in 1971. During this period, he utilized his skills on bridges over Sarpy Creek, and the Powder River and at the power plants in Colstrip. In 1973, Gary was promoted to Superintendent – his first Project Superintendent job being a bridge over the Musselshell near Mosby.

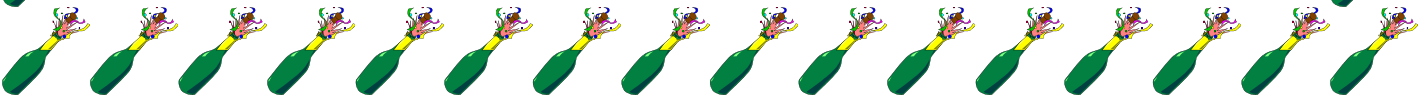
Gary retired in January of this year as a Project Manager, a position he held since 1992. Throughout the years, Gary worked at airports, refineries, sewer treatment plant work, and irrigation structures. However, Gary's expertise and preference was bridge work.

As Gary tells it, he was driving home for the weekend when he noticed COP working on the aforementioned bridge over Sarpy Creek. He stopped and inquired if we might be hiring any carpenters – we were, and the rest is history, as they say. During his years at COP, Gary worked in Montana, Wyoming, Utah, and South Dakota.

Gary was born in Havre, Montana and graduated from Saco High School in 1964. That spring he went to work for F L Flynn & Co., a bridge contractor from Billings, working for them during the summer months. Gary also worked various jobs in the winter months once the construction season ended.

Gary has five daughters, one son, and 14 grandchildren scattered from Minnesota to Texas. In addition to hunting and fishing, Gary enjoys watching football and traveling.

We miss your sense of humor, Gary, and oh, yeah, we miss you too! Thank you for your 41 years of hard work and commitment to COP. A job well done!!



DON'T TURN YOUR BACK ON WIND HAZARDS

A stiff wind, coupled with chilly temperatures, increases the misery factor associated with working or playing outdoors. During the winter, when we think about wind, we are usually concerned about frostbite or hypothermia due to wind chills. But the wind can be much more than just an annoyance. It can actually have life-threatening consequences, such as being blown off a structure while working at heights.

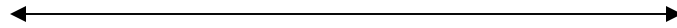
Here are some wind hazard safety tips to keep in mind:

1. Look up!! Never loiter below an unstable wall, stack of materials or anything that could blow over onto you.
2. Don't stand between the edge of an elevated surface and an object being carried.
3. Anticipate strong winds when stepping out of a protected area into an open one (like the cab of your pickup).
4. Make sure the structures you stand on or use (such as scaffolding, ladders, wooden steps) are secure and can withstand strong winds.
5. Tie down objects that can become airborne such as sheets of plywood or plaster board.
6. Ask for help carrying objects that could be caught and sent airborne by the wind, such as plywood sheets.
7. Make sure elevated work surfaces (such as catwalks and platforms) have railings and toeboards to protect against falls.
8. Wear eye protection to prevent dust and debris from blowing into your eyes.

Remember that wind gusts can come out of nowhere and wind directions can change suddenly. If you're not paying attention, you or your co-workers can be seriously injured.



Chris Cull, Safety Manager



BY-PRODUCT PIPELINE LOCATION ACROSS THE SALT LAKE VALLEY





Fusing pipe.

Photo by Justin Tomison



Along the canal long sections of pipe were installed after all of the trench was excavated.

Photo by Justin Tomison



In the road section long trenches would be dug to expose all utilities; the pipe was threaded through to install it.

Photo by Justin Tomison



Preparing to backfill a 1200 LF stretch of pipe.

Photo by Justin Tomison



Limited space along the canal added to the difficulty of installing this pipe.

Photo by Justin Tomison



Trench plate over canal to allow uninterrupted traffic flow.

Photo by Justin Tomison



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PROJECTS CURRENTLY UNDER CONSTRUCTION

******* COP CONSTRUCTION LLC *******

EXXON CIVIL PROJECTS
Billings, MT

CHS PROJECTS
Billings, MT

**SPANISH FORK-SPRINGVILLE
REACH PIPELINE**
Springville, UT
\$28,510,000
Estimator: Rod Braegger

BY-PRODUCT PH. II
West Jordan, UT
\$2,655,000
Estimator: Rod Braegger

MCCLAREN MINE TAILINGS
(Sub-quote to Knife River)
Cooke City, MT
\$2,729,000
Estimator: Dustin Dennison

GRAND PEAKS SUBDIVISION P-622
Billings, MT
\$170,000
Estimator: Dave Loyning

**SWGTP BY-PRODUCT PIPELINE,
PHASE 1**
West Jordan, UT
\$8,384,000
Estimator: Rod Braegger

WATSON BRIDGE
Vernal, UT
\$1,889,000
Estimator: Kash Tacke

**BILLINGS WTP CLEARWELL
BAFFLE PROJECT**
Billings, MT
\$953,000
Estimator: Kelly Newman

LAME DEER MUDDY CLUSTER
Lame Deer, MT
\$3,627,000
Estimator: Dave Loyning

BUHL WWTP CONCRETE PACKAGE
Buhl, ID
\$2,373,000
Estimator: Ron Batt

**FRONTAGE ROAD CULVERT
REPLACEMENT**
Centerville, UT
\$859,000
Estimator: Rod Braegger

BILLINGS LANDFILL CLOSURE PH 2
Billings, MT
\$576,000
Estimator: Dave Loyning