

From: Kevin Rice <kprice@up.com>
Sent: Monday, May 9, 2022 7:21 AM
To: Buckley, Maggie
Cc: Phoebus, Elizabeth (Betsi); Adam.Assenza@stb.gov
Subject: [EXTERNAL] FW: PIRATE I/L - KM Pipeline Exhibit

EI-32860

Maggie:

Our utility specialist provided some estimates on what the excavated cross-sections would be based on typical construction methods. See below, and let us know if you have any additional questions.

Thanks,

Kevin Rice, PE
Sr. Manager M/W Environmental
Union Pacific Railroad
(402) 544-2213

From: Mark Mentele <mrmentel@up.com>
Sent: Monday, May 9, 2022 9:18 AM
To: Kevin Rice <kprice@up.com>
Subject: RE: PIRATE I/L - KM Pipeline Exhibit

Kevin,

I don't have any information on the installation methods of the pipelines and that information might be hard for KM to produce. I can ask KM if needed, or below is what I would assume. Please let me know if you would like me to try and reach out to KM.

We have estimated depths on the abandoned pipeline, and it appears the depth of the pipe is about 3 feet deep so I would assume a 3' deep x 20" wide trench to install the pipeline at a minimum. The 6" pipe would be welded together prior to lowering into the trench.

For the active 24" pipeline, I don't know the installation method they used which would determine the excavation required. We did perform two test holes and have estimated depths so we know the depths were 6-1/2' deep where our proposed tracks are going to cross them. For the width of the trench, it depends on if they welded the pipe outside of the trench and dropped it or welded the pipe together in the trench which would require shoring boxes or sloping the trench sides. At a minimum, figuring all the welding was done on existing grade adjacent to the trench prior to lowering the pipe into the trench, I would assume it would be 6.5' deep and 4' wide.

Thank you,



BUILDING

Mark Mentele
Sr. Manager Real Estate

Phone: 402-544-8532
Mobile: 402-618-8370
Email: mrmentel@up.com

From: Kevin Rice <kprice@up.com>
Sent: Monday, May 9, 2022 8:39 AM
To: Mark Mentele <mrmentel@up.com>
Subject: FW: PIRATE I/L - KM Pipeline Exhibit

Mark, do you know approximately what the excavation cross-section would have been for these pipelines?

Thanks

Kevin Rice, PE
Sr. Manager M/W Environmental
Union Pacific Railroad
(402) 544-2213

From: Buckley, Maggie <Maggie.Buckley@jacobs.com>
Sent: Tuesday, May 3, 2022 7:06 PM
To: Kevin Rice <kprice@up.com>
Cc: Phoebus, Elizabeth (Betsi) <Betsi.Phoebus@jacobs.com>; Assenza, Adam <adam.assenza@stb.gov>
Subject: RE: PIRATE I/L - KM Pipeline Exhibit

*** PROCEED WITH CAUTION - This email was sent from outside the Company ***

Thank you very much Kevin. Do you by chance have a cross section or any indication of the width and depth of the lines?

Maggie Buckley
O: 425.233.3117
M: 206.949.5955

From: Kevin Rice <kprice@up.com>
Sent: Tuesday, May 3, 2022 1:52 PM
To: Buckley, Maggie <Maggie.Buckley@jacobs.com>
Cc: Phoebus, Elizabeth (Betsi) <Betsi.Phoebus@jacobs.com>; Assenza, Adam <adam.assenza@stb.gov>
Subject: [EXTERNAL] PIRATE I/L - KM Pipeline Exhibit

Maggie:

As discussed yesterday, attached with this email is an exhibit showing the Kinder-Morgan pipeline. There are actually two lines, one that is in use and one that is abandoned.

Let me know if you need anything else related to this issue.

Thanks,

Kevin Rice, PE
Sr. Manager M/W Environmental

Union Pacific Railroad
(402) 544-2213

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