

Tina Lewis

From: Allison Marks
Sent: Tuesday, January 5, 2021 4:25 PM
To: Tina Lewis
Subject: FW: Cox above ground web posting request
Attachments: Communication cable summary.pdf

Tina0 Please post as **C-2 Communications cable summary received 1.5.2021**

From: Barber, Tom <TBarber@idahopower.com>
Sent: Tuesday, January 5, 2021 4:02 PM
To: Tom Bergin <tbergin@co.blaine.id.us>; Allison Marks <amarks@co.blaine.id.us>
Subject: RE: Cox above ground web posting request

From: Barber, Tom
Sent: Tuesday, January 5, 2021 3:41 PM
To: 'Tom Bergin' <tbergin@co.blaine.id.us>; Allison Marks <amarks@co.blaine.id.us>
Subject: RE: Cox above ground web posting request

Allison, I asked HDR do perform a study to determine if any pole heights would have to increase with Cox Cable attached. I have attached the study summary page, as well as the Plan and Profile drawings that show which poles had to increase in height.

Basically, 19 poles had to be increased in height to accommodate a communication cable.

Thanks.

Tom Barber, P.E.

Idaho Power | Project Management
1221 W. Idaho St, Boise, ID 83702
ph 208-388-5667
cell 208-869-5997

From: Tom Bergin <tbergin@co.blaine.id.us>
Sent: Tuesday, January 5, 2021 12:14 PM
To: Allison Marks <amarks@co.blaine.id.us>; Barber, Tom <TBarber@idahopower.com>
Cc: Cherp, Guy (CCI-Central Region) <Guy.Cherp@cox.com>
Subject: [EXTERNAL]RE: Cox above ground web posting request

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To All,

If it is of any assistance, the materials that the county has that are available to all including the public can be found at:

https://www.co.blaine.id.us/707/7087/Idaho-Power-138kV-Transmission-Line-Mate?activeLiveTab=widgets#liveEditTab_versionsList

Once we receive a design that includes a communications underline, we will post that as well. Tom

From: Allison Marks

Sent: Tuesday, January 5, 2021 11:30 AM

To: Barber, Tom <TBarber@idahopower.com>

Cc: Tom Bergin <tbergin@co.blaine.id.us>; Cherp, Guy (CCI-Central Region) <Guy.Cherp@cox.com>

Subject: Cox above ground web posting request

Tom and Guy,

I do not see any structural drawings submitted with this CUP Modification of the transmission line, without the distribution, that includes the communication line. I think it would be best if Guy works directly with Idaho Power to get information he needs regarding structural specifics above and below underground.

What we do have is a drawing of existing conditions in regards to the current distribution line.

Allison

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Wood River to Ketchum Design Report

HDR Engineering

Design Engineer: Daniel Wiggs

This report regards the section of transmission line from the Wood River Sub to Hospital Drive, between Hailey and Ketchum, Idaho. Communication wire has been strung from structure ten (10) to structure one-hundred-sixty-five (165). This section, between these two ending structures, parallels Buttercup Rd and Highway 75.

It was requested that communication wire be strung from structure 10 to structure 165. To complete this task, two main design alterations were of necessity. The communication wire was placed at the minimum distance of 5'- 9" below the 138kV phasing, on each pole. The minimum communication to ground clearance of 15' 6" was applied. Accordingly, the minimum communication to ground clearance over a roadway, 18'-0", was also utilized within this design. Despite these design alterations, there were sections of line that did not meet this minimum 15.5' or 18' NESC clearance. The associated structures that are required to be heightened for the addition of communication wire are listed in the table below.

STRUCTURE #	WITHOUT COMM AGH	WITH COMM AGH
21	50'	60'
22	45'	60'
26	34'	38.5'
27	34'	38.5'
44	38.5'	43'
47	38.5'	43'
63	38.5'	43'
64	34'	38.5'
67	34'	38.5'
69	34'	38.5'
71	38.5'	43'
72	34'	38.5'
77	34'	38.5'
81	34'	38.5'
84	34'	38.5'
98	45'	50'
99	38.5'	43'
115	34'	38.5'
162	38.5'	43'

To achieve the addition of the communication wire to this transmission line, the above structures would need to be increased to their "With Comm AGH," in order to meet NESC minimum clearance requirements.