
From: [REDACTED]
To: [REDACTED]
Sent: 3/23/2021 4:56:20 PM
Subject: All of the surveying for base-maps is via BPO's :(

Gentlemen,

I just learned that all survey vendors are working under BPO's....not good for maintaining any financial control. Just letting you both know that this may not end well if the owner of the BPO's is not on board with managing them as I would expect...which is usually the case with the forbidden... BPO's. This is where Veg was in late 2019 which was a complete mess.

Respectfully,

From: [REDACTED]
Sent: Tuesday, March 23, 2021 4:50 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

Adding [REDACTED] to this conversation since I sent her a similar email

I don't have access to 'salesforce' but the 'mid-month' estimate should/could be the HGR amount....and at the same time it would be great to also get the next months forecast from each vendor per PM. BPO's are not desired since there are few financial controls, and they ca create a multitude of issues when HGR's and forecasts are not accurate. Is there someone that I can talk to that is the owner of these BPO's so that I can get in front of this to better build a process that works for everyone so we can together avoid SOX violations?

Please advise,

From: [REDACTED]
Sent: Tuesday, March 23, 2021 4:13 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

Hey [REDACTED]

You're correct. We have BPOs setup for each of our survey vendors and the costs are allocated to the PMs monthly. Our vendors are supposed to enter estimates mid-month, which we see and approve, through Salesforce.

We could check with the Salesforce contract team and see if there's a way you guys can see those as well.
Thanks,

[REDACTED] | Senior Land Surveyor
Pacific Gas & Electric Co. | Land Survey – North Valley

From: [REDACTED]
Sent: Tuesday, March 23, 2021 3:17 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

Hi [REDACTED]

Prior to our 'HGR/Forecasting' meeting on Monday I would like to better understand where the PO resides for REY performing the base-mapping on the above subject PM's? There are no PO's at all associated with PH's 1.1, 1.2, and 1.3.....this leads me to believe that the PO is someone else's responsibility and the monies will be KB62'd to my project. This is all fine with me so long as I am aware of any charges/monies being transferred at least one month prior so I can accurately forecast those amounts.

Please share what you know as we may need to the owner of the PO to also attend my Monday meeting,
[REDACTED]

From: [REDACTED]
Sent: Wednesday, March 3, 2021 8:58 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

A bummer it didn't work out.
[REDACTED]

From: [REDACTED]
Sent: Wednesday, March 3, 2021 8:54 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

Thank you for this update [REDACTED] and for trying to find ways to save time and money; much appreciated. [REDACTED]



From: [REDACTED]
Sent: Wednesday, March 3, 2021 8:45 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

Good morning all,

Unfortunately the Caltrans survey data does not have the detail we need, so our vendor (REY) is moving forward with plans for our own survey. As soon as we hear back from the local Caltrans inspector I can provide an ETA for the mapping.

The Caltrans survey was only for a rough surface (sparse lidar point cloud) of the highway and canyon walls. It did not capture edge of pavement, fog lines, drainage facilities, utilities, etc. that we need.

Thanks,

[REDACTED] | Senior Land Surveyor
Pacific Gas & Electric Co. | Land Survey – North Valley

From: [REDACTED]
Sent: Wednesday, February 24, 2021 9:29 AM
To: [REDACTED]
Cc: [REDACTED]

Subject: RE: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

Hey [REDACTED]

As we discussed the other day, our survey vendor informed us that Caltrans recently mapped this section Highway 70. I've been working with the responsible Caltrans surveyor and they just agreed to share their survey files with us!!

Assuming they have everything we need this would be a huge cost and time savings! There's a couple administrative steps but once we have the files I'll let the team know if they'll work for us and how much CAD work might be needed to make them usable for the estimating team.

Thanks,

[REDACTED] | Senior Land Surveyor
Pacific Gas & Electric Co. | Land Survey – North Valley

From: [REDACTED]
Sent: Tuesday, February 23, 2021 2:35 PM
To: [REDACTED]
Cc: [REDACTED]

Subject: RE: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

Importance: High

Hi [REDACTED]

Can you please work with [REDACTED] to ensure that you have what you need in order to determine if any portion of Bucks Creek will trigger a DSDD? If there are areas that will trigger the DSDD, can you delineate them on the KMZ for all of us? Thank you!

Hi [REDACTED]

Can you please provide us with the ETA for the preliminary Basemapping? Thx! [REDACTED]



From: [REDACTED]

Sent: Tuesday, February 23, 2021 2:14 PM

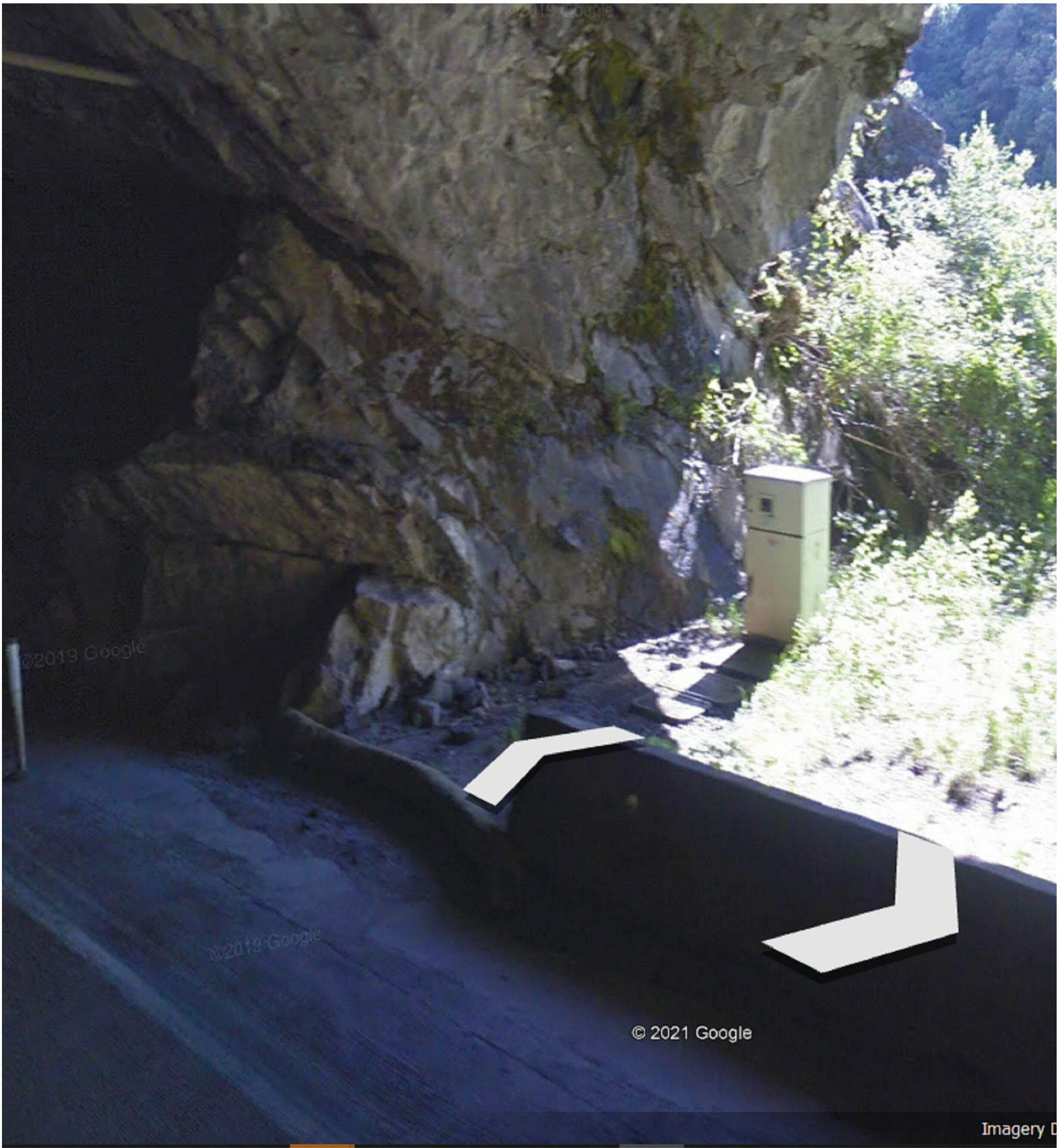
To: [REDACTED]

Cc: [REDACTED]

Subject: RE: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

Hi [REDACTED]

Attached are the 'base-map' limits in a kmz. file. As you will see, we need our base-map to go about ~100' into the tunnel at the south end (see pedestal in picture below....please begin about ~50 beyond this point which is about ~100' beyond the Cresta Dam).



We want to end the base-map at the sign location below which is roughly at MM (Mile Marker) 5.10.





Please advise to all on this email when you have an expected completion date for this base map?

Thanks in advance,

[REDACTED] PMP
Project Manager

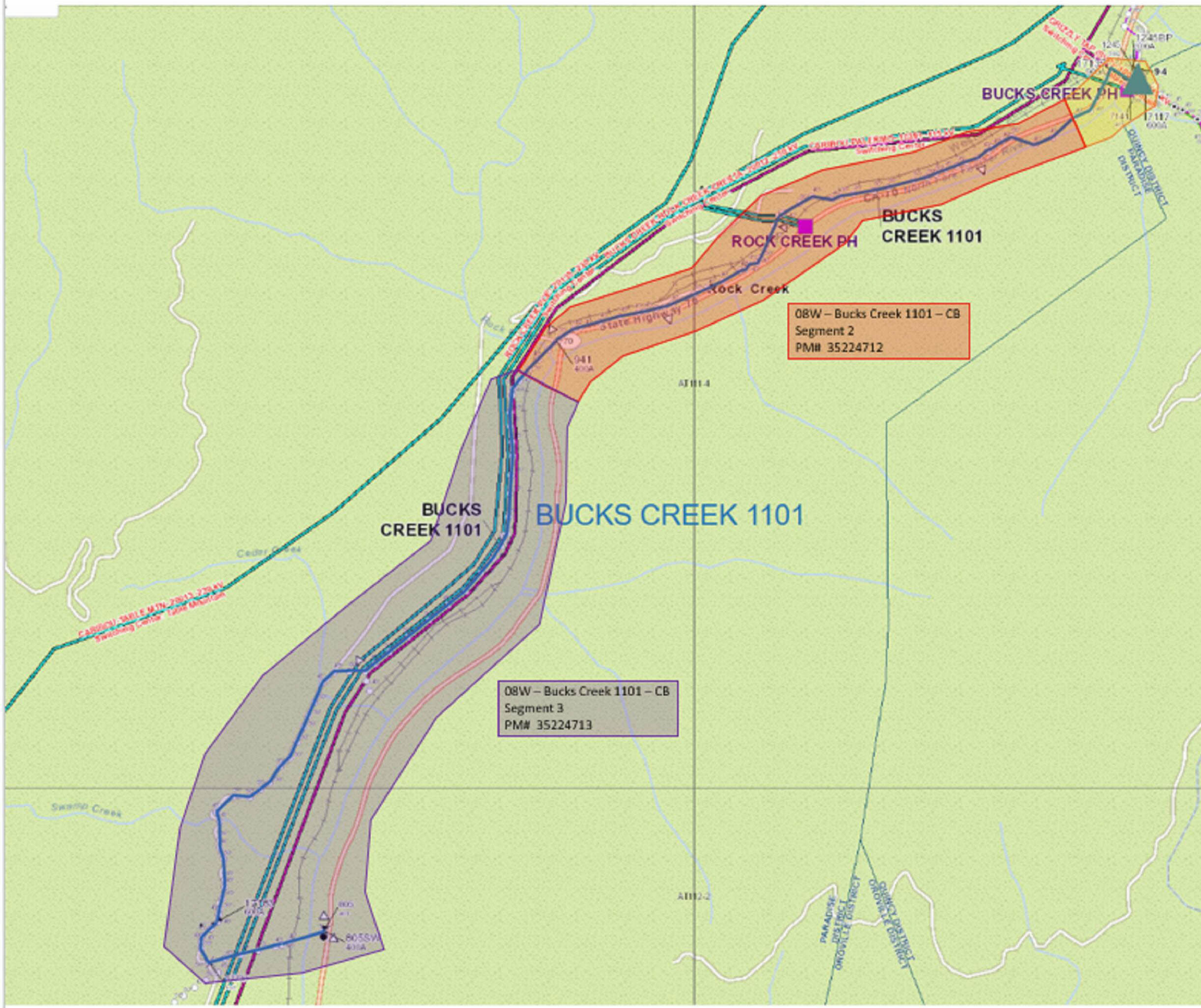
[REDACTED]
Pacific Gas and
Electric Company

From: [REDACTED]
Sent: Tuesday, February 23, 2021 1:34 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting
Importance: High

[REDACTED]

For Bucks Creek there is quite a bit of work surrounding Hwy 70 and we will need a Land Department Base Maps prepared for all 3 Orders. This will delay the EOD dates until these can be developed and provided to the Vendor... We will also need answers to the questions outlined by [REDACTED] below...

Bucks Creek 1101- PM# 35217268 Overview Map

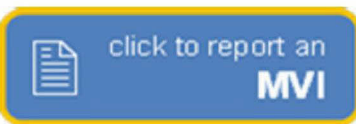


Thxs,

Manager - Electric Ops – Major Projects and Programs – Central Design and Estimating

Contract Estimating - Pacific Gas and Electric Company

Some of the measures included in this email are contemplated as additional precautionary measures intended to further reduce the risk of wildfires.



From: [REDACTED]
Sent: Tuesday, February 23, 2021 11:29 AM
To: [REDACTED]

Cc: [REDACTED]

Subject: O8W-PM [REDACTED] - Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

All,

Good meeting yesterday...I feel its best to get everything 'on the table' as soon as possible in the 'life cycle' of any project, here is that attempt.

I will set up a virtual 'follow up' meeting next week to discuss who is taking what action items below.....first I need confirmation that we can even change scope, and what the process looks like.

Here are my notes/action items:

PM [REDACTED] (Phase 1)

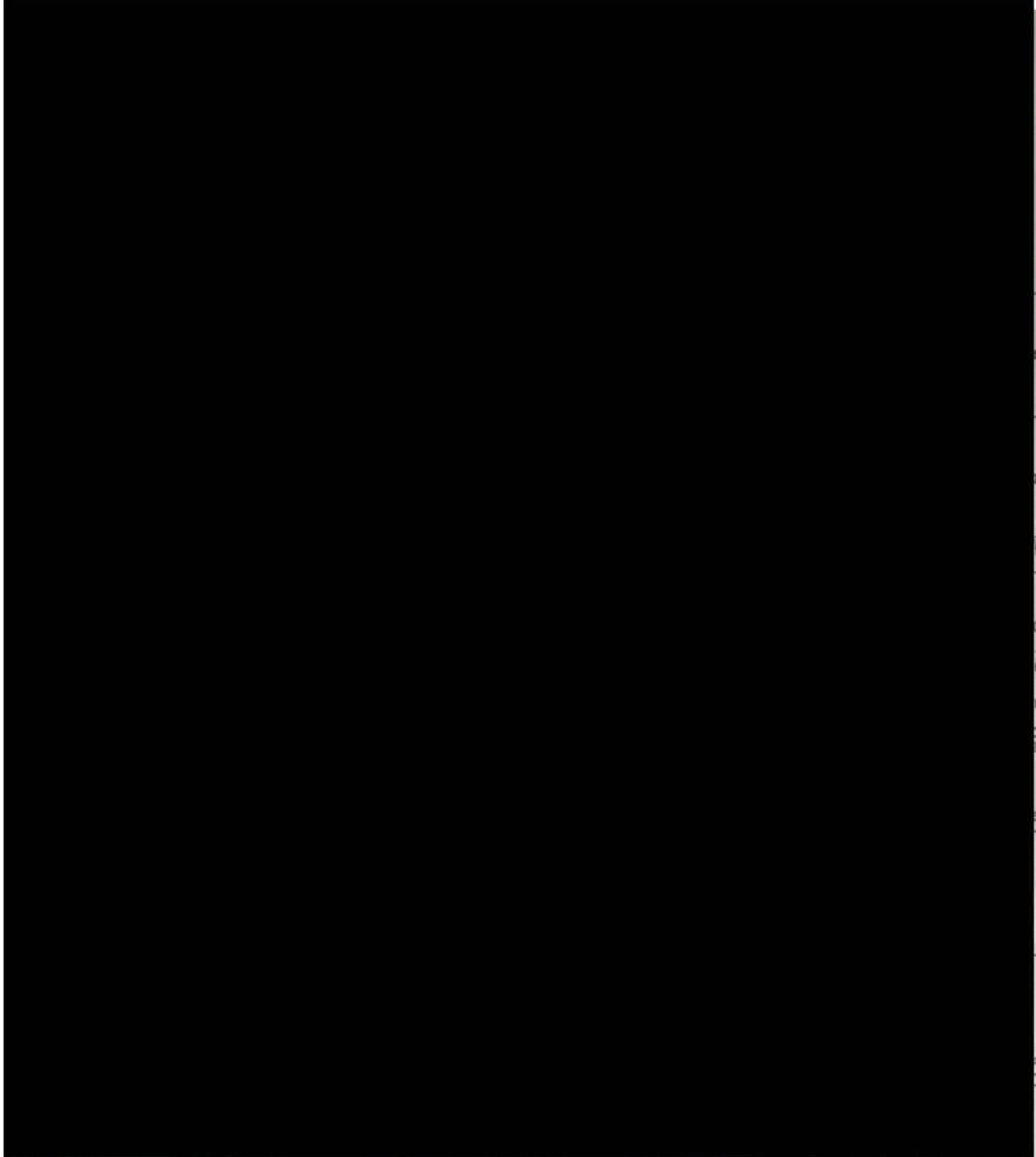
1. We learned the following:
 - a. Sub-Station (per Foreman [REDACTED] is undergoing its own project under PM [REDACTED], of which is in UNSC status, and the following locations have 'overlap' scope:
 - i. Location 1, pole is being replaced under Sub PM
 - ii. Location3, pole is being replaced under Sub PM
 - iii. It appears that PM 35212441 will be completed before our O8W project begins, so it is imperative that we work to have their scope match our needs...ASAP. I will take this action with the help of [REDACTED] and [REDACTED] to supply the details.
2. Location 2 has a bank of three transformers not indicated in any of our scoping documents...do we really need to replace this steel pole?



3. 'Underground' scope between locations 102 and 101 doesn't make sense when the following are considered:
 - a. How does this scope reduce risk?
 - b. Is 'undergrounding this small section 'constructible' when you consider the following:
 - i. Stairway, creek crossing, and proximity to sub-station
 - c. See picture



3. All parties had the same burning question regarding the 'river crossing';
 - a. Why couldn't we move Location 4 to the east side of CA-70 and remove Locations 5, 6, 7, and 8 of the OH-Hardening scope? This would require an increase in OH-UG scope on PM [REDACTED] of about the same distance of OH-Hardening scope begin removed from PM [REDACTED]
 - b. Here is the basic idea in RED.....the dashed line is proposing UG:



PM [redacted] (Phase 2)

1. Preliminary Drawing was not provided
2. Trench Location:
 - a. We determined that landing the trench ~2' into the lane from the ETW (fog-line) was probably the best consistent location of which it would be ideal if the 7-boxes could be landed in the 'travel lane'. This will need to be discussed with Caltrans before moving forward with the design.
 - b. Any proposed poles to be placed within 52' from ETW if absolutely needed will need 'gaurdrail' protection to assist with DSDD exception requests.
3. Rock Creek Bridge Crossing
 - a. Scope is not clear for this crossing since it leads us to a 'what-if' scenario of, if Caltrans doesn't allow the conduits to be attached to the existing bridge we should span the river OH. This will need to be discussed with Caltrans to first determine 'if' we can attach to their bridge before scope is locked.

PM [redacted] (Phase 3)

1. RR Siding Service/Tx located in picture below also has a weather station on pole and scope for

replacing this Tx is another 'what if' scenario of:

- a. Does the RR need the service?
- b. If they do can we serve via a crossing at the Cresta Dam.
- c. If Cresta Dam doesn't work should we cross the river a different location?
- d. What do we do about the weather station?



e. Here is pic:

2. Termination of UG scope at Cresta Dam is not clear for the following reasons:

- a. Not constructible to 'trench' to....see pic:



- i. We were not able to see the panel at the Cresta Dam to determine loading needs.
 - ii. It also appears that this transformer feeds a Caltrans Pedestal for lights in the tunnels.
- b. The question is:
- i. First, do we need the river crossing at the outflow of the dam if we are going to cross the river at a different location to feed the RR Tx?
 1. If we don't need the river crossing could we install a pad-mount Tx and trench in a service through the tunnel ~100LF to the Caltrans pedestal and then feed the

Cresta Dam panel?

[REDACTED]
Project Manager

[REDACTED]
Pacific Gas and
Electric Company