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**From:** [REDACTED]  
**To:** [REDACTED]  
**CC:** [REDACTED]  
**Sent:** 5/20/2021 4:27:13 PM  
**Subject:** RE: Approximate Hardening Cost per Mile  
**Attachments:** 08W cost per April 2021 updated on 2021-05-11.xlsx

Okay. Sorry for the delay gents.

- Veg cost with cost element 5490000 is \$261,824.02
- Engr/Dsgn and Engr, Proc & Constr Contra cost element 5490003 is \$46,293.06
- PM/PCA costs 160 hours @ \$200 = \$8,000
  - This needs to be an estimate. We've had cost element issues so PM time has largely been charged to PCCs but has recently changed to the orders.
- Environmental cost elements 5001237 & 5490015 is \$18,620.06 per mile
- Advanced materials \$10,000 (subjective estimate only – nothing documented)
- Misc PG&E staff charges \$10,000
- Subtotal = \$354,737
- Overheads @ 30% = \$106,421
- **Total AA cost +/- \$460,000 per mile based on the attached historical data.**

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[REDACTED] PMP  
Project Manager  
Mobile: [REDACTED]  
Office: [REDACTED]  
Internal: [REDACTED]  
Email: [REDACTED]

**Pacific Gas and Electric Company**

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**From:** [REDACTED]  
**Sent:** Thursday, May 20, 2021 2:22 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** Approximate Hardening Cost per Mile

Classification: [Internal](#)

[REDACTED]

Can you please provide the approximate cost per mile we should put down for the upcoming 08W AA projects? Please let me know as I'd like some engineers to begin the job packages.

Best,  
[REDACTED]