

# Ask an Engineer Twitter Town Hall



[View the Twitter Moment \(archive of Twitter exchange and posts\)](#)

[View the online article promoting the event](#)



**Stewart Mader**  
@StewartMader



This Twitter Q&A with @SFBART engineers is a really good example of proactive customer engagement by a transit agency. Friendly tone, good detail in answers to rider questions, and strategic plugs to work for the agency and serve the public good.  
[bart.gov/jobs](http://bart.gov/jobs) **100**

**SFBART** @SFBART

Great question! That is correct. The problem is most pronounced when directly connected to concrete like on our aerial structures and in tunnels. Each location requires a different structural design. Ballast is used wherever possible. AND we're hiring track engineers! [twitter.com/57589202/statu...](https://twitter.com/57589202/status...)

1:10 PM - 23 Feb 2018

4 Retweets 11 Likes

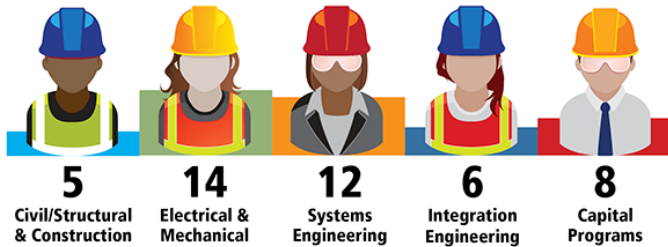


# Ask an Engineer Twitter Town Hall

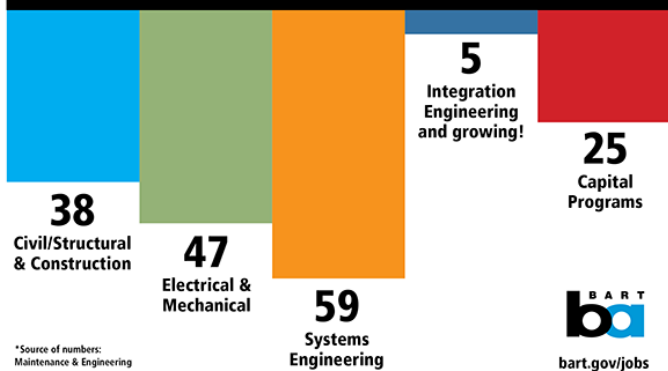


## BART Engineering is Hiring!

45 openings in these divisions:



You could join our current staff of talented engineers.



\*Source of numbers: Maintenance & Engineering



## Twitter Q&A Ask an Engineer



Friday, February 23rd  
Noon - 1 pm  
#sfbart #eweek2018

# Ask an Engineer Twitter Town Hall



**19%**  
**of our engineers are women,**  
**compared to about**  
**11% for the transportation**  
**industry overall.**

# Ask an Engineer Twitter Town Hall



**78%**  
**would recommend**  
**working at BART to**  
**other engineers.**

SFBART  @SFBART · Feb 23

 2  6 

Another voice of our engineers:

# Ask an Engineer Twitter Town Hall



**SFBART**

@SFBART · Feb 23

2 4

BART is a data rich environment: fare collection, train performance, train scheduling information, train control, and remote monitoring of many types equipment to keep people safe and operate the system,

**Kevin Burke** @derivativeburke

Replying to @SFBART

you posted a job recently that had high-volume realtime data processing as a requirement. what in the BART system requires so much data processing?

# Ask an Engineer Twitter Town Hall



**SFBART** ✓

@SFBART · Feb 23



1



5



Great question! That is correct. The problem is most pronounced when directly connected to concrete like on our aerial structures and in tunnels. Each location requires a different structural design. Ballast is used wherever possible. AND we're hiring track engineers!

**Chaitanya** @ChaiAsInTea

@SFBART I've noticed that the train noise is reduced considerably when the tracks sit on bed of gravel..not sure of the tech term..but why not do that everywhere then? Won't that help reduce the noise in tunnels and on overhead structures?

# Ask an Engineer Twitter Town Hall



**SFBART** 

@SFBART · Feb 23

 2

 10



We use a state-of-the-art virtual server environment. And we're hiring computer systems engineers!

**weird urban java camel** @coolgrey

Replying to @coolgrey @SFBART

Are you running any old mainframes or minis?