



Alto Tunnel Study

Weekly Progress Report Week Ending March 17, 2017



Report #6

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1.0 Project Activities

Project activities for the week of March 17 included drilling and advancing casing in Boreholes B-4 and B-5 at the Chapman Site.

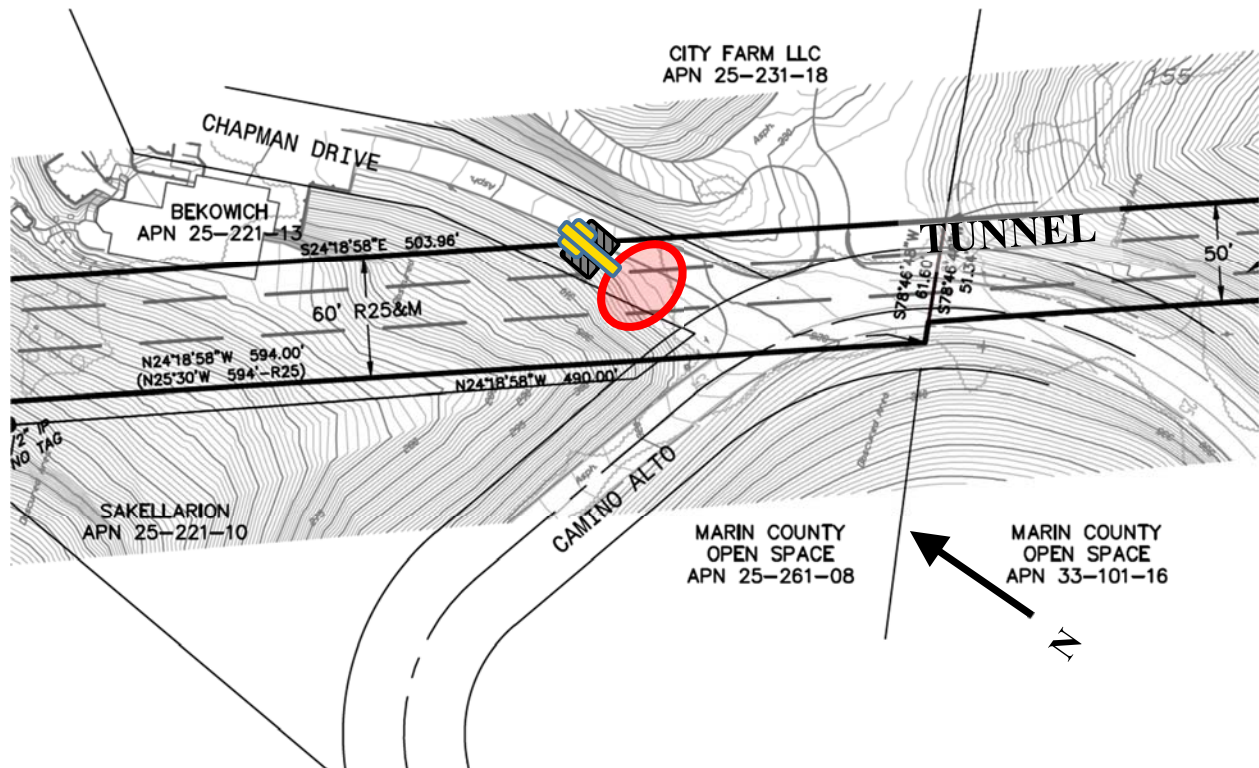


Figure 1. Drill rig and borehole locations above Alto Tunnel at the Chapman Drive project site.

1.1 Chapman Site

Drill Tech completed mobilization at the Chapman Site and began drilling and advancing casing this week. Traffic barriers remained in place, and Chapman Rd was closed to through traffic at the intersection of Camino Alto. Casing was advanced to depths of 238 feet in Borehole B-4 and 263 feet in Borehole B-5 where the tunnel was encountered. Video surveys of B-4 and B-5 were taken to determine the location of the casing relative to the tunnel.

2.0 Project Schedule

2.1 Project Drilling Progress

The drilling activity at the Underhill site has been completed. No boreholes have been completed at the Chapman site. See Figure 4 for the project drilling progress.

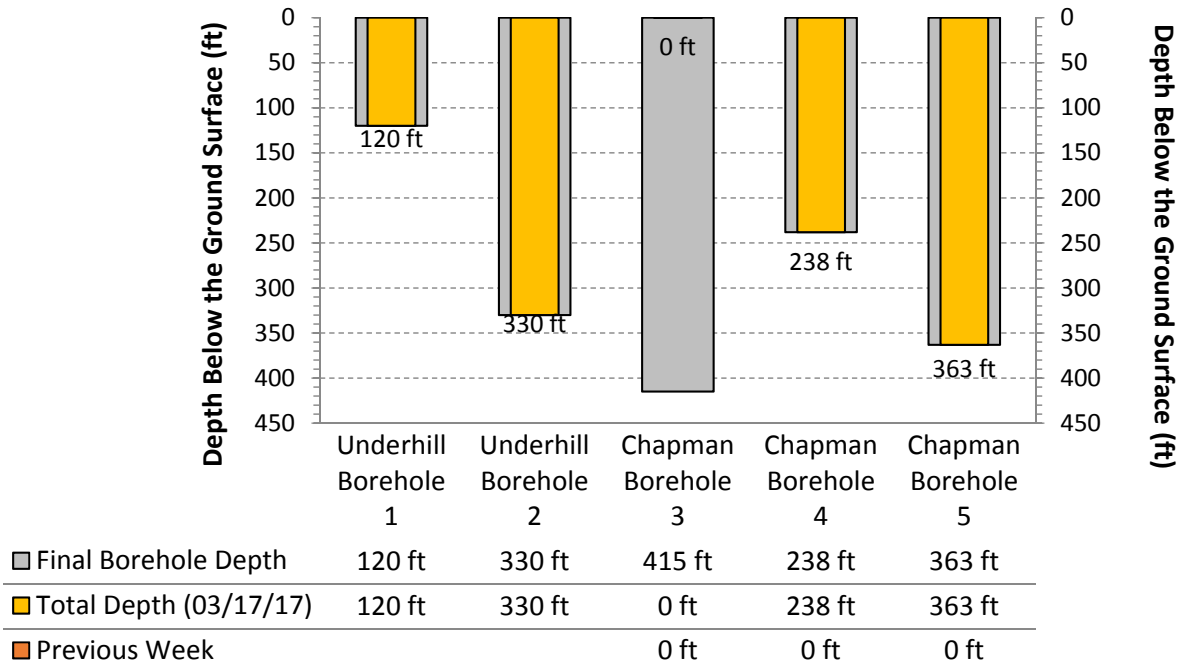


Figure 4. Project drilling progress.

2.2 Project Delays and Comments

There were no weather-related project delays this week. Weather delays are a possibility next week, given the 14-day weather forecast provided in Figure 5.













THU MAR 23		Partly Cloudy	THU MAR 30		Sunny
FRI MAR 24		Rain	FRI MAR 31		Sunny
SAT MAR 25		Partly Cloudy	SAT APR 1		Mostly Sunny
SUN MAR 26		PM Rain	SUN APR 2		Mostly Sunny
MON MAR 27		AM Showers	MON APR 3		Partly Cloudy
TUE MAR 28		Partly Cloudy	TUE APR 4		Mostly Sunny
WED MAR 29		Sunny	WED APR 5		PM Showers

Figure 5. 14-day weather forecast for the project area.

2.3 Updated Project Schedule

A complete updated schedule can be found on the Walk-Bike-Marin Projects and Programs website.

http://www.walkbikemarin.org/projects_alto.php

3.0 Project Items Summary

The items for this project include two boreholes at the Underhill site and three boreholes at the Chapman site. Individual hole depth estimates and percent completed are provided in Table 2. A modification to the drilling angles has reduced the total estimated linear feet of drilling to 1434 feet.

Table 2. Completed project items Task 3.2.

Item No.	Description	Unit	Completed Quantity	Total Estimated	Completed
Underhill Site					
1	Borehole 1	LF	120	123	98%
2	Borehole 2	LF	330	360	92%
Chapman Site					
3	Borehole 3	LF	0	415	0%
4	Borehole 4	LF	238	236	101%
5	Borehole 5	LF	363	333	109%
Total		LF	1051	1467	72%