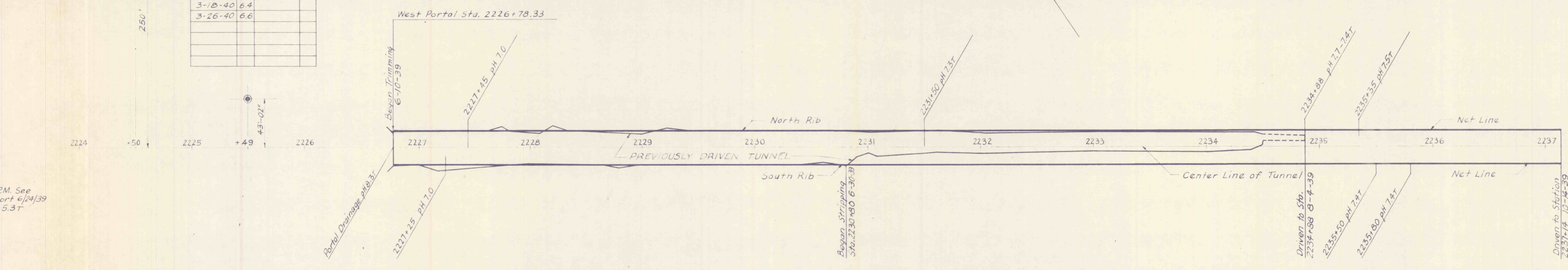


pH 6.9T-pH 6.1
30 G.P.M. See Report 6/24/39
Dry 9-29-39

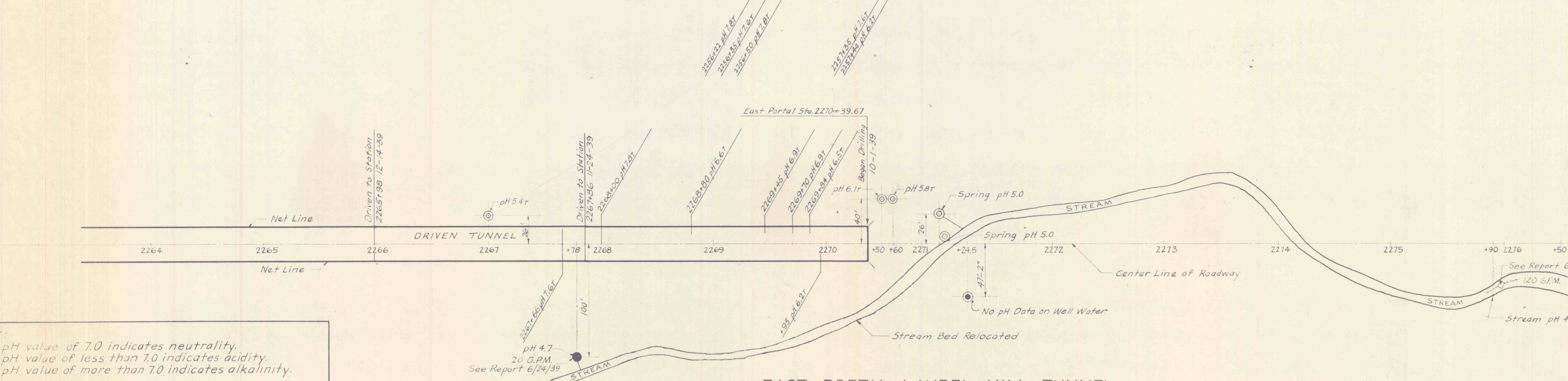
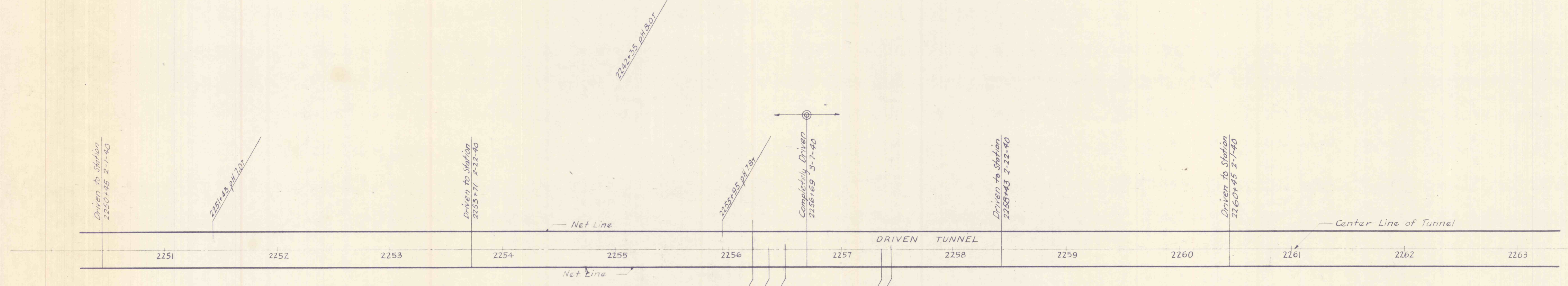
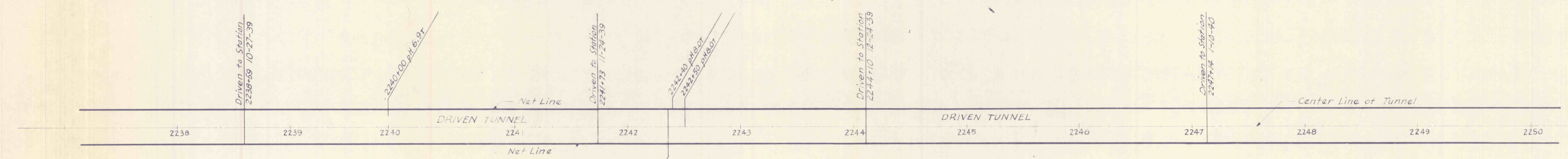
DEEP WELL TESTS	
1-23-40	6.8
2-1-40	6.9
2-21-40	7.0
3-11-40	6.4
3-18-40	6.4
3-26-40	6.6

900 G.P.M. See Report 6/24/39
pH 6.3T

16 G.P.M. See Report 6/24/39
pH 5.3T



WEST PORTAL LAUREL HILL TUNNEL



EAST PORTAL LAUREL HILL TUNNEL

NOTE:
A pH value of 7.0 indicates neutrality.
A pH value of less than 7.0 indicates acidity.
A pH value of more than 7.0 indicates alkalinity.
The relative activity indicated by the pH value is shown by the following:

pH Value	Relative Acidity	pH Value	Relative Alkalinity
3.0	10,000	7.0	0
4.0	1,000	8.0	10
5.0	100	9.0	100
6.0	10	10.0	1,000
7.0	0	11.0	10,000

- WATER SUPPLY LEGEND
- SPRING—No Data as to consistency of flow or G.P.M.
 - SPRING—Consistent in flow year round
 - SPRING—Inconsistent in flow year round
 - SPRING—To be observed in dry weather
 - STREAM—Same as above.
 - Portal Building Deep Well.
- pH-LEGEND
○ Indicates acidity as H₂SO₄ in parts per million.

NOTE
pH 7.0T—Indicates samples analysed for pH value, by Turnpike Corps. Others by U.S. Dept. of Interior.

POSTING DATES				
Date Posted	West Tunnel Station	Driven to Station Date	East Tunnel Station	Driven to Station Date
12-15-39	2244+10	12-14-39	2265+98	12-14-39
2-6-40	2250+45	2-1-40	2260+45	2-1-40
2-27-40	2253+71	2-22-40	2258+43	2-22-40
3-11-40	COMPLETELY DRIVEN 3-7-40			
4-18-40	REVISED AND TRACED			

PENNSYLVANIA TURNPIKE COMMISSION
PENNSYLVANIA TURNPIKE
pH-SURVEY OF WATER
LAUREL HILL TUNNEL

