

Appendix 14. Tabulated Observations and Photographs of Ground Deformation Produced by the M_w 6.0 South Napa Earthquake of August 24, 2014—Areas of Extensive Curb and Sidewalk Damage

Introduction

The following pages contain maps and tables of descriptions, slip measurements, and photographs of ground deformation features obtained in the field at observation stations in regions M and N. Station locations are shown as circles in figures 14.1 and 14.2 and labeled by the Station ID number. To aid in locating a specific observation station, IDs increase numerically from south to north. Where multiple observations occur at the exact same locality, IDs are shown as a range (for example, 200–202 identifies stations 200, 201, and 202 all at the same location). Where stations are too closely spaced to be individually labeled in the figures, a single label is used for a group of stations, with the IDs or groups of IDs listed in a vertical column and the label leader pointing to the approximate midpoint of the group of closely spaced stations. Mappable fault rupture and surface deformation features are symbolized on the included maps as described in appendix 1.

Observations and (or) photographs collected at each station are tabulated by Station ID. Where stations occur at the same locality, earlier observations are listed first. Photographs taken at an observation station, if any, follow the station attribute information; high resolution images can be downloaded by clicking on the associated links. Station and photograph attributes are described in detail in appendix 1.

Region M

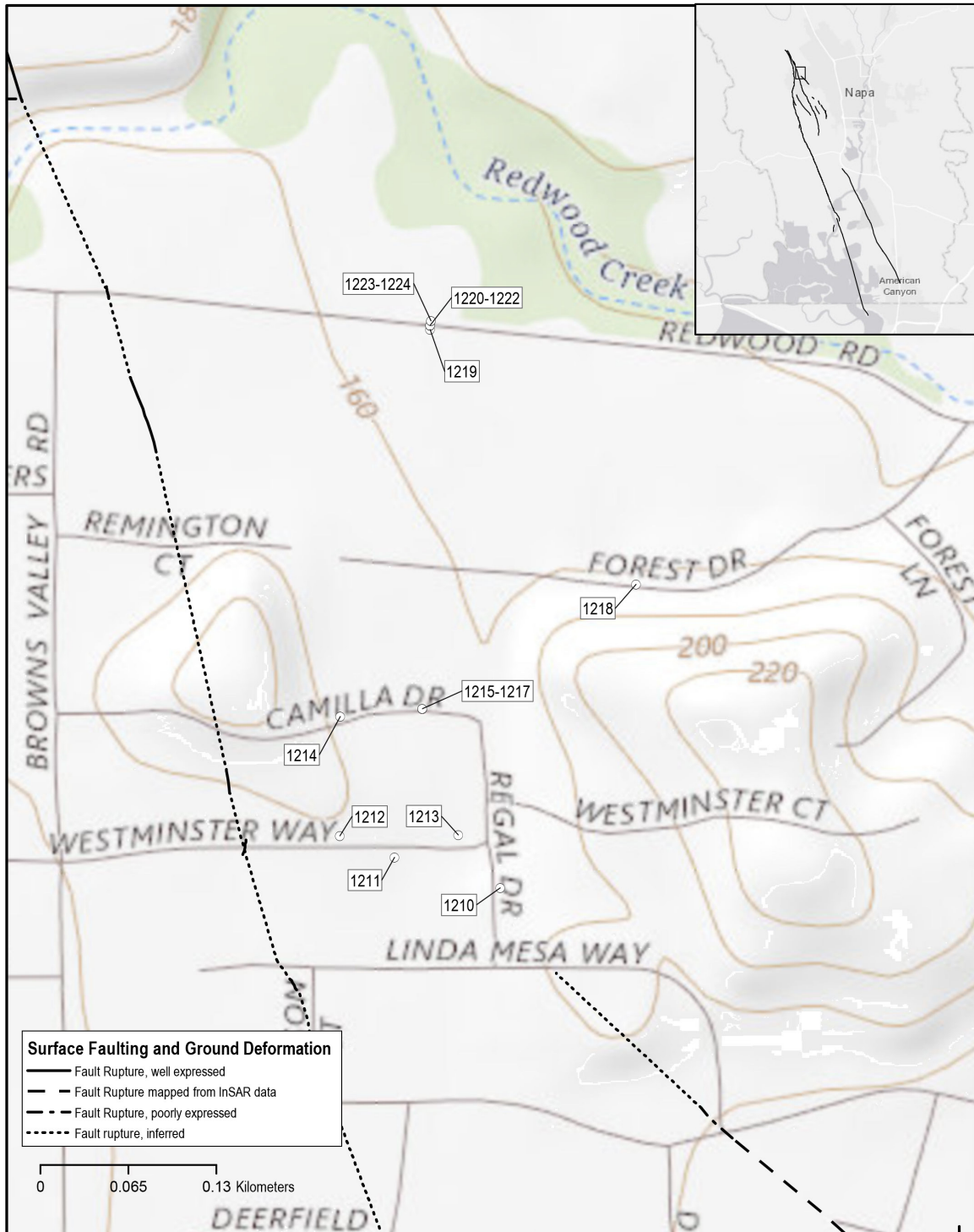


Figure 14.1. Ground deformation map showing locations of observation stations 1210–1224 in Region M of the West Napa Fault System, California, between Linda Mesa Way and Redwood Road. Inset shows location of fig. 14.1 relative to full extent of rupture. Shaded relief base from U.S. Geological Survey National Map <https://viewer.nationalmap.gov/advanced-viewer/>.

Station ID: 1210			Observer: Prentice/Sickler	
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:11	38.31138	122.33720	Curb/Sidewalk	Uncertain
Description				
Regal Drive. Small cracks in curb.				
Photographer	Camera Coordinates		Photograph Date	
Prentice			2014:09:11 16:31:54	

[High Resolution Photograph](#)



Photographer	Camera Coordinates	Photograph Date
Prentice		2014:09:11 16:31:58

[High Resolution Photograph](#)



Station ID: 1210		Observer: Prentice/Sickler
Photographer	Camera Coordinates	Photograph Date
Prentice		2014:09:11 16:32:13

[High Resolution Photograph](#)



Station ID: 1211		Observer: Seitz/Rubin		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:25	38.31159	122.33809	Curb/Sidewalk	Uncertain

Description

Two sidewalk panels upside down. Possibly shaking related. Does not appear to be related to rupture based on distance from observed rupture locations.

Photographer	Camera Coordinates	Photograph Date
Seitz	38.31141 122.33793	2014:08:25 14:14:27

[High Resolution Photograph](#)



Station ID: 1211	Observer: Seitz/Rubin
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Photographer	Camera Coordinates		Photograph Date
Seitz	38.31155	122.33801	2014:08:25 14:14:50

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31160	122.33805	2014:08:25 14:15:00

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31158	122.33803	2014:08:25 14:16:29

[High Resolution Photograph](#)



Station ID: 1211	Observer: Seitz/Rubin
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Photographer	Camera Coordinates		Photograph Date
Seitz	38.31164	122.33808	2014:08:25 14:17:13

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Rubin	38.31158	122.33807	2014:08:25 14:17:35

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31178	122.33800	2014:08:25 14:19:56

[High Resolution Photograph](#)



Station ID: 1211	Observer: Seitz/Rubin
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Photographer	Camera Coordinates		Photograph Date
Seitz	38.31160	122.33806	2014:08:25 14:20:17

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31157	122.33808	2014:08:25 14:20:53

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31158	122.33807	2014:08:25 14:21:11

[High Resolution Photograph](#)



Station ID: 1211		Observer: Seitz/Rubin	
Photographer	Camera Coordinates		Photograph Date
Seitz	38.31158	122.33807	2014:08:25 14:21:11

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31157	122.33805	2014:08:25 14:21:14

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31157	122.33804	2014:08:25 14:21:31

[High Resolution Photograph](#)



Station ID: 1212				Observer: Seitz/Rubin
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:25	38.31174	122.33856	Curb/Sidewalk	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.31163	122.33864	2014:08:25	14:08:52

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date	
Seitz	38.31167	122.33852	2014:08:25	14:08:58

[High Resolution Photograph](#)



Station ID: 1212		Observer: Seitz/Rubin	
Photographer	Camera Coordinates		Photograph Date
Seitz	38.31172	122.33845	2014:08:25 14:09:08

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31170	122.33842	2014:08:25 14:09:18

[High Resolution Photograph](#)



Station ID: 1213			Observer: Prentice/Sickler	
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:11	38.31174	122.33755	Curb/Sidewalk	Uncertain
Description				
Westminster and Regal, damaged sidewalk.				
Photographer	Camera Coordinates		Photograph Date	
Prentice	38.31131	122.33732	2014:09:11 16:19:03	

High Resolution Photograph



Station ID: 1214				Observer: Prentice/Sickler		
Observation Date		Latitude	Longitude	Offset Feature	Inferred Origin	
2014:09:11		38.31253	122.33854	Pavement	Uncertain	
Description						
Camilla Dr., small cracks across road N17W.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
343						

Station ID: 1215				Observer: Morelan/Trexler		
Observation Date		Latitude	Longitude	Offset Feature	Inferred Origin	
2014:08:24		38.31258	122.33785	Pavement	Uncertain	
Description						
Site name: camilla - Measurement: None - Measurement azimuth: None - Feature azimuth: 3 - Displacement sense: RL; compressed road.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
RL						

Station ID: 1215		Observer: Morelan/Trexler
Photographer	Camera Coordinates	Photograph Date
Morelan		2014:08:24 16:53:20

[High Resolution Photograph](#)



Station ID: 1216		Observer: Seitz/Rubin		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:25	38.31258	122.33785	Pavement	Uncertain
Description				
Cracking and deformed asphalt. Cracks do not extend into soil. No lateral displacement. Appears to be shaking related rather than tectonic.				
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.31250	122.33796	2014:08:25 14:27:43	

[High Resolution Photograph](#)



Station ID: 1217				Observer: Prentice/Sickler		
Observation Date		Latitude	Longitude	Offset Feature		Inferred Origin
2014:09:11		38.31258	122.33785	Pavement		Uncertain
Description						
Camilla Dr., tented asphalt trend N16W.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
346						

Station ID: 1218			Observer: Rubin/Seitz	
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:28	38.31340	122.33603	Pavement	Uncertain
Description				
Many pre-existing cracks in old asphalt. Some open. Longest cracks are related to creep into drainage ditch adjacent to road. Many other irregular cracks.				
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.31345	122.33604	2014:08:25 16:18:46	

High Resolution Photograph



Station ID: 1218		Observer: Rubin/Seitz	
Photographer	Camera Coordinates		Photograph Date
Seitz	38.31349	122.33600	2014:08:25 16:18:57
High Resolution Photograph			



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31344	122.33581	2014:08:25 16:20:10
High Resolution Photograph			



Station ID: 1219				Observer: Wells
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.31511	122.33776	Pavement	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Wells			2014:08:26	

High Resolution Photograph



Photographer	Camera Coordinates	Photograph Date
Wells		2014:08:26

High Resolution Photograph



Station ID: 1220				Observer: Seitz/Rubin		
Observation Date		Latitude	Longitude	Offset Feature	Inferred Origin	
2014:08:25		38.31514	122.33776	Pavement	Uncertain	
Description						
Apparent 1 cm left-lateral offset of double yellow and white lane lines. Many irregular cracks in driveway. Uncertain origin but difficult to understand as tectonic based on distance from observed rupture.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
	1*	LL				
Photographer		Camera Coordinates		Photograph Date		
Seitz		38.31506	122.33757	2014:08:25 16:44:56		

High Resolution Photograph



Photographer	Camera Coordinates			Photograph Date		
Seitz	38.31505	122.33746		2014:08:25	16:45:09	

High Resolution Photograph



Station ID: 1220	Observer: Seitz/Rubin
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Photographer	Camera Coordinates		Photograph Date
Seitz	38.31510	122.33755	2014:08:25 16:45:30

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31510	122.33759	2014:08:25 16:45:43

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.31512	122.33760	2014:08:25 16:45:54

[High Resolution Photograph](#)



Station ID: 1220		Observer: Seitz/Rubin	
Photographer	Camera Coordinates		Photograph Date
Seitz	38.31511	122.33768	2014:08:25 16:46:04

[High Resolution Photograph](#)



Station ID: 1221				Observer: Schwartz		
Observation Date		Latitude	Longitude	Offset Feature	Inferred Origin	
2014:08:27		38.31514	122.33776	Pavement	Uncertain	
Description						
Left-lateral offset of road striping.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
LL						

Station ID: 1221		Observer: Schwartz
Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:03:26

[High Resolution Photograph](#)



Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:04:22

[High Resolution Photograph](#)



Station ID: 1221		Observer: Schwartz
Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:04:47

[High Resolution Photograph](#)



Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:05:08

[High Resolution Photograph](#)



Station ID: 1221		Observer: Schwartz
Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:06:06

[High Resolution Photograph](#)



Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:07:26

[High Resolution Photograph](#)



Station ID: 1221		Observer: Schwartz
Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:08:27

High Resolution Photograph



Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:09:44

High Resolution Photograph



Station ID: 1221		Observer: Schwartz
Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:11:10

[High Resolution Photograph](#)



Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:11:43

[High Resolution Photograph](#)



Station ID: 1221		Observer: Schwartz
Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:19:38

[High Resolution Photograph](#)



Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:19:51

[High Resolution Photograph](#)



Station ID: 1221		Observer: Schwartz
Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:20:10

[High Resolution Photograph](#)



Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:20:32

[High Resolution Photograph](#)



Station ID: 1221		Observer: Schwartz
Photographer	Camera Coordinates	Photograph Date
Schwartz		2014:08:27 17:21:03

[High Resolution Photograph](#)



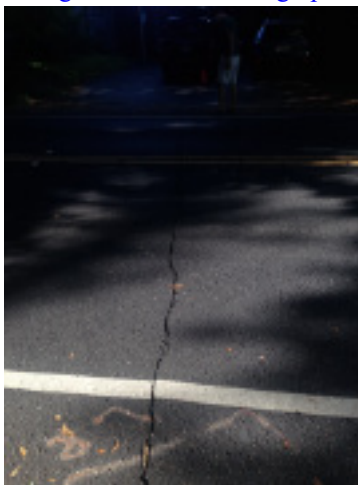
Station ID: 1222				Observer: Wells
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:30	38.31514	122.33776	Pavement	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Wells			2014:08:30	

[High Resolution Photograph](#)



Station ID: 1223				Observer: Morelan/Trexler		
Observation Date		Latitude	Longitude	Offset Feature	Inferred Origin	
2014:08:24		38.31517	122.33775	Pavement	Uncertain	
Description						
Site name: redwood_rd_1 - Measurement: 0.2 cm - Measurement azimuth: 355 - Feature azimuth: 355 - Displacement sense: LL; small but all the way across road.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
355	0.2	LL				
Photographer		Camera Coordinates		Photograph Date		
Morelan				2014:08:24 17:07:04		

High Resolution Photograph



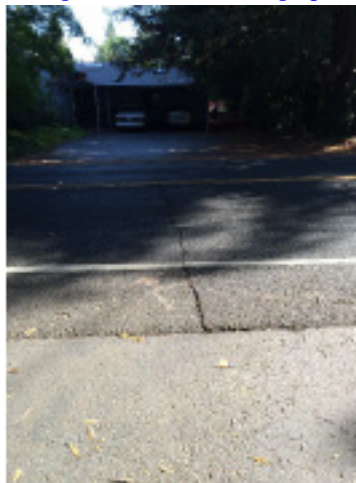
Station ID: 1224				Observer: Wells
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:30	38.31517	122.33775	Pavement	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Wells			2014:08:30	

High Resolution Photograph



Photographer	Camera Coordinates	Photograph Date
Wells		2014:08:30

High Resolution Photograph



Region N

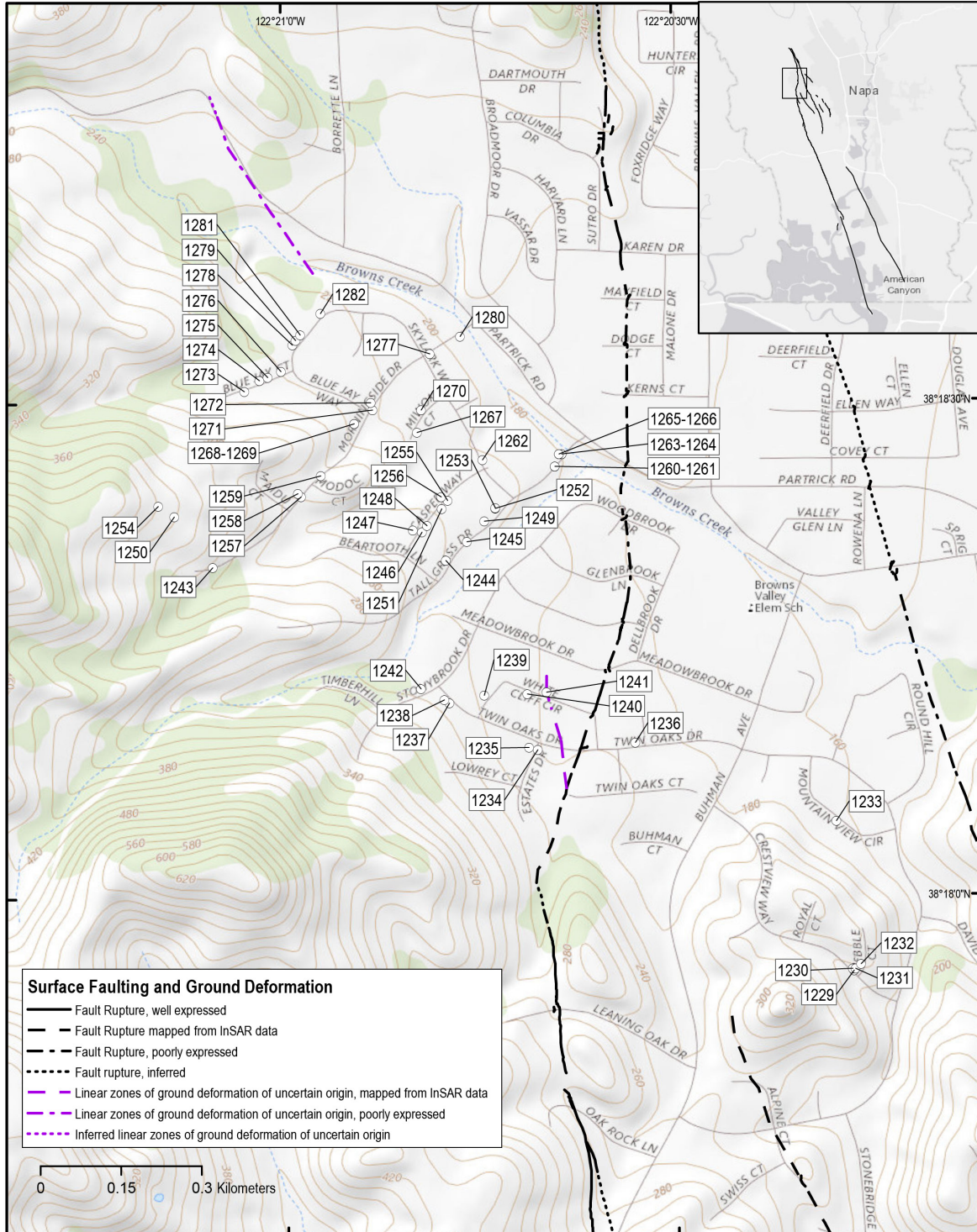


Figure 14.2. Ground deformation map showing locations of observation stations 1229–1280 in Region N of the West Napa Fault System, California, from Crestview Way 1.6 km northwest to Blue Jay Way. Inset shows location of fig. 14.2 relative to full extent of rupture. Shaded relief base from U.S. Geological Survey National Map <https://viewer.nationalmap.gov/advanced-viewer/>.

Station ID: 1229				Observer: Rubin/Seitz
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:27	38.29873	122.33790	Curb/Sidewalk	Uncertain
Description				
Irregular cracks in road and shifted sidewalk slabs. No obvious throughgoing pattern.				
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.29878	122.33784	2014:08:27 16:24:54	

High Resolution Photograph



Station ID: 1230				Observer: Seitz
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:01	38.29875	122.33793	Curb/Sidewalk	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.29878	122.33796	2014:09:01 16:12:37	

High Resolution Photograph



Station ID: 1230			Observer: Seitz
Photographer	Camera Coordinates		Photograph Date
Seitz	38.29879	122.33799	2014:09:01 16:12:39

[High Resolution Photograph](#)



Station ID: 1231				Observer: Seitz
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:27	38.29875	122.33787	Curb/Sidewalk	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.29881	122.33788	2014:08:27 16:25:07	

[High Resolution Photograph](#)



Station ID: 1232				Observer: Seitz
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:01	38.29883	122.33775	Curb/Sidewalk	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.29882	122.33774	2014:09:01	16:09:59

High Resolution Photograph



Photographer	Camera Coordinates		Photograph Date	
Seitz	38.29885	122.33778	2014:09:01	16:10:11

High Resolution Photograph



Station ID: 1233						Observer: Rubin
Observation Date		Latitude	Longitude	Offset Feature		Inferred Origin
2014:08:27		38.30124	122.33825	Curb/Sidewalk		Uncertain
Description						
Left-lateral separations on both curbs on pre-existing breaks. Breaks in road in between curbs along pre-existing cracks. Large trees next to both curbs.						
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
LL						

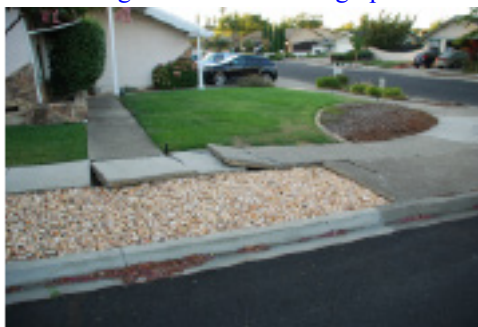
Station ID: 1234				Observer: Holzer
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30247	122.34462	Curb/Sidewalk	Uncertain
Description				
Twin Oaks Dr. and Estates Dr.: southeast corner, view east, sidewalk compression.				
Photographer	Camera Coordinates		Photograph Date	
Holzer			2014:08:24 19:01:07	

High Resolution Photograph



Station ID: 1235				Observer: Holzer
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30251	122.34480	Curb/Sidewalk	Uncertain
Description				
Twin Oaks Dr. and Estates Dr.: southwest corner view west, sidewalk compression.				
Photographer	Camera Coordinates		Photograph Date	
Holzer			2014:08:24 19:01:01	

High Resolution Photograph



Station ID: 1236				Observer: Holzer
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30259	122.34253	Curb/Sidewalk	Uncertain
Description				
Twin Oaks Dr.: compressed storm grate, east-west (bowed bar).				
Photographer	Camera Coordinates		Photograph Date	
Holzer			2014:08:24 18:29:12	

[High Resolution Photograph](#)



Station ID: 1237				Observer: Morelan/Trexler		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin		
2014:08:24	38.30327	122.34650	Curb/Sidewalk	Uncertain		
Fault Azimuth	Strike Slip	Strike-slip Sense	Extension	Compression	Vertical	Upthrown Side
LL						
Photographer	Camera Coordinates		Photograph Date			
Morelan	38.30327		122.34650 2014:08:24 15:26:57			

[High Resolution Photograph](#)



Station ID: 1238				Observer: Holzer
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30332	122.34661	Curb/Sidewalk	Uncertain
Description				
Twin Oaks Dr.: tented sidewalk south side.				
Photographer	Camera Coordinates		Photograph Date	
Holzer			2014:08:24 18:51:37	

[High Resolution Photograph](#)



Station ID: 1239				Observer: Holzer
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30339	122.34575	Curb/Sidewalk	Uncertain
Description				
White Cliff Cir: west leg, sidewalk compression, north-south.				
Photographer	Camera Coordinates		Photograph Date	
Holzer			2014:08:24 18:48:08	

[High Resolution Photograph](#)



Station ID: 1239		Observer: Holzer
Photographer	Camera Coordinates	Photograph Date
Holzer		2014:08:24 18:48:38

[High Resolution Photograph](#)



Station ID: 1240				Observer: Holzer
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30341	122.34483	Curb/Sidewalk	Uncertain
Photographer	Camera Coordinates	Photograph Date		
Holzer		2014:08:24 18:43:03		

[High Resolution Photograph](#)



Station ID: 1241				Observer: Holzer
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30344	122.34443	Curb/Sidewalk	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Holzer			2014:08:24 18:43:36	

[High Resolution Photograph](#)



Photographer	Camera Coordinates	Photograph Date
Holzer		2014:08:24 18:43:40

[High Resolution Photograph](#)



Station ID: 1242				Observer: Holzer
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30351	122.34710	Curb/Sidewalk	Uncertain
Description				
Stonybrook Dr.: tented sidewalk west side, north-side compression.				
Photographer	Camera Coordinates		Photograph Date	
Holzer			2014:08:24 18:52:43	

High Resolution Photograph



Photographer	Camera Coordinates		Photograph Date	
Holzer			2014:08:24 18:53:43	

High Resolution Photograph



Station ID: 1243				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30558	122.35153	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, extensional feature, fill failure into creek. Extension of sidewalk down slope.				

Station ID: 1244				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30567	122.34655	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1245				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30598	122.34610	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Photographer	Camera Coordinates		Photograph Date
Lancaster	38.30606	122.34613	2014:08:26 16:52:33

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Lancaster	38.30606	122.34613	2014:08:26 16:52:36

[High Resolution Photograph](#)



Station ID: 1246				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30615	122.34706	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1247				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30619	122.34725	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1248				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30626	122.34695	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1249				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30633	122.34572	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1250				Observer: Seitz
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:10:03	38.30643	122.35234	Soil	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.30643	122.35233	2014:10:03 17:46:19	

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date	
Seitz	38.30637	122.35225	2014:10:03 17:46:32	

[High Resolution Photograph](#)



Station ID: 1251				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30654	122.34664	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				
Photographer	Camera Coordinates		Photograph Date	
Lancaster	38.30661	122.34667	2014:08:26 16:44:37	

High Resolution Photograph



Station ID: 1252				Observer: Seitz
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:03	38.30654	122.34549	Curb/Sidewalk	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.30654	122.34547	2014:09:03 13:40:37	

High Resolution Photograph



Station ID: 1253				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30655	122.34550	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1254				Observer: Seitz
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:10:03	38.30661	122.35268	Soil	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.30661	122.35267	2014:10:03 17:52:40	

High Resolution Photograph



Station ID: 1255				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30668	122.34650	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				
Photographer	Camera Coordinates		Photograph Date	
Lancaster	38.30674	122.34664	2014:08:26 16:41:56	

High Resolution Photograph



Station ID: 1256				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30674	122.34664	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				
Photographer	Camera Coordinates		Photograph Date	
Lancaster	38.30674	122.34664	2014:08:26 16:41:51	

High Resolution Photograph



Station ID: 1257				Observer: Seitz
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:09:03	38.30676	122.34963	Curb/Sidewalk	Uncertain
Description				
Sidewalk tenting; two panels shifted.				
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.30674	122.34966	2014:09:03 13:05:28	

High Resolution Photograph



Station ID: 1258				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30681	122.34970	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1259				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30711	122.34921	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1260				Observer: Pridmore
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30724	122.34421	Curb/Sidewalk	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Pridmore	38.30724	122.34419	2014:08:24 17:33:30	

High Resolution Photograph



Station ID: 1261				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30724	122.34421	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1262				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30736	122.34575	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1263				Observer: Pridmore
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30745	122.34407	Pavement	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Pridmore	38.30746	122.34406	2014:08:24 17:32:15	

High Resolution Photograph



Station ID: 1264				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30745	122.34407	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1265				Observer: Pridmore
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:24	38.30745	122.34412	Curb/Sidewalk	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Pridmore	38.30745	122.34413	2014:08:24 17:32:39	

High Resolution Photograph



Photographer	Camera Coordinates		Photograph Date	
Pridmore	38.30745	122.34413	2014:08:24 17:32:48	

High Resolution Photograph



Station ID: 1266				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30745	122.34412	Curb/Sidewalk	Uncertain
Description				
Tall Grass Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1267				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30783	122.34715	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1268				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30798	122.34849	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				
Photographer	Camera Coordinates		Photograph Date	
Lancaster	38.30799	122.34847	2014:08:26 16:27:47	

[High Resolution Photograph](#)



Station ID: 1269				Observer: Seitz
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:10:03	38.30798	122.34849	Curb/Sidewalk	Uncertain
Photographer	Camera Coordinates		Photograph Date	
Seitz	38.30788	122.34833	2014:10:03 18:19:01	

[High Resolution Photograph](#)



Photographer	Camera Coordinates		Photograph Date
Seitz	38.30797	122.34846	2014:10:03 18:19:23

[High Resolution Photograph](#)



Station ID: 1269		Observer: Seitz	
Photographer	Camera Coordinates		Photograph Date
Seitz	38.30806	122.34847	2014:10:03 18:19:36

[High Resolution Photograph](#)



Station ID: 1270		Observer: Lancaster		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30821	122.34706	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1271		Observer: Lancaster		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30821	122.34810	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1272		Observer: Lancaster		
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30834	122.34813	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1273				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30854	122.35083	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				
Station ID: 1274				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30872	122.35050	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				
Station ID: 1275				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30877	122.35032	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				
Station ID: 1276				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30887	122.35005	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				
Station ID: 1277				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30915	122.34687	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1278				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30931	122.34980	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1279				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30939	122.34972	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs. compression, curb flop				

Station ID: 1280				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30944	122.34622	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1281				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30948	122.34962	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				

Station ID: 1282				Observer: Lancaster
Observation Date	Latitude	Longitude	Offset Feature	Inferred Origin
2014:08:26	38.30985	122.34920	Curb/Sidewalk	Uncertain
Description				
Morningside Drive Subdivision, compressional features in sidewalk comprised of tented and heaved sidewalks, and exploded curbs.				