# Kīlauea Eruption Elevated Seismicity

# Road Damage Map

# Hawai'i Volcanoes National Park

# June 28, 2018

N

0 2

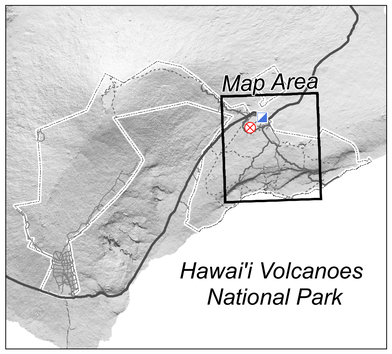
Miles

## Legend

- Emission & Seismicity Source
- Incident Command Post
- HAVO Structures
- HAVO Boundary

***Road Cracks***

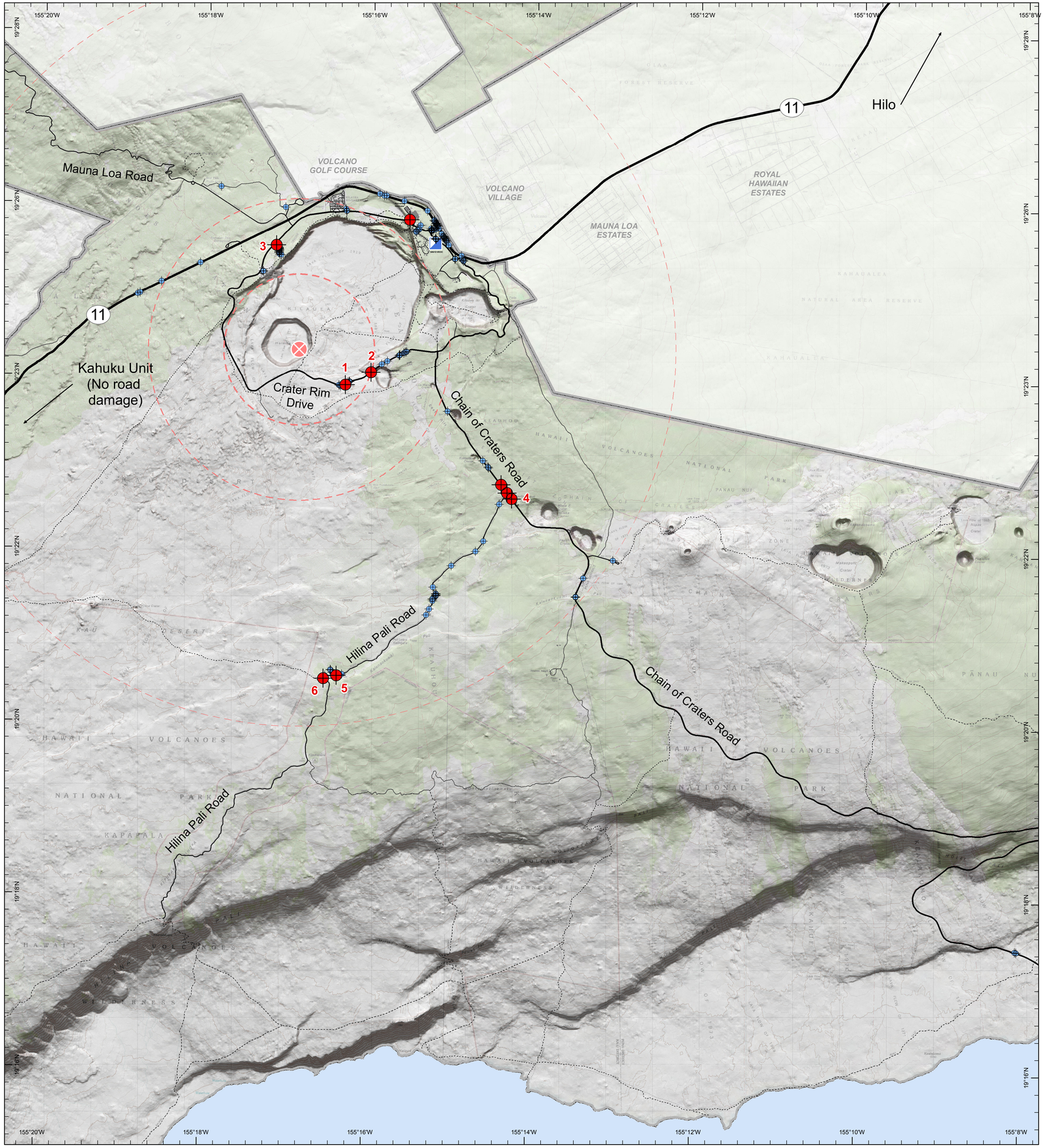
- Major (Repair)
- Less Severe




NAD83 Datum


Mark Wasser
David Benitez
NPS GISS

6/28/2018
0830 hours




ROAD DAMAGE LOCATIONS (MASTER LIST)

| Location | Latitude | Longitude | Northing | Easting | Repair |
|---|---|---|---|---|---|
| Broomsedge Fuel Break | 19.43664 | -155.29738 | 2150752 | 258788 | No |
| Chain of Craters Road | 19.37977 | -155.23970 | 2144375 | 264764 | No |
| Chain of Craters Road | 19.37819 | -155.23846 | 2144199 | 264892 | No |
| Chain of Craters Road | 19.37704 | -155.23755 | 2144070 | 264987 | No |
| Chain of Craters Road | 19.36188 | -155.22279 | 2142371 | 266516 | No |
| Chain of Craters Road | 19.35831 | -155.22428 | 2141979 | 266354 | No |
| Chain of Craters Road | 19.35819 | -155.22428 | 2141965 | 266354 | No |
| Chain of Craters Road | 19.29069 | -155.13414 | 2134372 | 275734 | No |
| Chain of Craters Road | 19.29061 | -155.13390 | 2134363 | 275760 | No |
| Chain of Craters Road | 19.39377 | -155.25078 | 2145940 | 263621 | No |
| Chain of Craters Road | 19.38429 | -155.24348 | 2144881 | 264374 | No |
| Chain of Craters Road | 19.38312 | -155.24242 | 2144750 | 264484 | No |
| Chain of Craters Road | 19.38293 | -155.24231 | 2144729 | 264495 | No |
| **Chain of Craters Road** | **19.37977** | **-155.23970** | **2144375** | **264764** | **Yes** |
| Chain of Craters Road | 19.36188 | -155.22279 | 2142371 | 266516 | No |
| Chain of Craters Road | 19.35831 | -155.22428 | 2141979 | 266354 | No |
| Chain of Craters Road | 19.35819 | -155.22428 | 2141965 | 266354 | No |
| Chain of Craters Road | 19.29069 | -155.13414 | 2134372 | 275734 | No |
| Chain of Craters Road | 19.29061 | -155.13390 | 2134363 | 275760 | No |
| **Chain of Craters Road** | **19.37819** | **-155.23846** | **2144199** | **264892** | **Yes** |
| **Chain of Craters Road** | **19.37704** | **-155.23755** | **2144070** | **264987** | **Yes** |
| Crater Rim Drive (HQ Area) | 19.42692 | -155.25356 | 2149615 | 263377 | No |
| Crater Rim Drive (HQ Area) | 19.42312 | -155.24970 | 2149189 | 263777 | No |
| Crater Rim Drive (HQ Area) | 19.42318 | -155.24957 | 2149195 | 263790 | No |
| Crater Rim Drive (HQ Area) | 19.42303 | -155.24815 | 2149177 | 263939 | No |
| Crater Rim Drive (HQ Area) | 19.42288 | -155.24795 | 2149160 | 263960 | No |
| Crater Rim Drive (HQ Area) | 19.42274 | -155.24793 | 2149144 | 263962 | No |
| Crater Rim Drive (HQ Area) | 19.42885 | -155.25359 | 2149829 | 263376 | No |
| Crater Rim Drive (HQ Area) | 19.42863 | -155.25418 | 2149805 | 263314 | No |
| Crater Rim Drive (HQ Area) | 19.42862 | -155.25445 | 2149804 | 263286 | No |
| Crater Rim Drive (HQ Area) | 19.42859 | -155.25442 | 2149801 | 263289 | No |
| Crater Rim Drive (HQ Area) | 19.42859 | -155.25442 | 2149801 | 263288 | No |
| Crater Rim Drive (HQ Area) | 19.42866 | -155.25454 | 2149809 | 263277 | No |
| Crater Rim Drive (HQ Area) | 19.42895 | -155.25461 | 2149841 | 263270 | No |
| Crater Rim Drive (HQ Area) | 19.42870 | -155.25445 | 2149813 | 263286 | No |
| Crater Rim Drive (HQ Area) | 19.42862 | -155.25455 | 2149804 | 263275 | No |
| Crater Rim Drive (HQ Area) | 19.42857 | -155.25457 | 2149799 | 263273 | No |
| Crater Rim Drive (HQ Area) | 19.42862 | -155.25454 | 2149804 | 263276 | No |
| Crater Rim Drive (HQ Area) | 19.42867 | -155.25452 | 2149810 | 263278 | No |
| Crater Rim Drive (HQ Area) | 19.42867 | -155.25448 | 2149809 | 263282 | No |
| Crater Rim Drive (HQ Area) | 19.42698 | -155.25366 | 2149622 | 263366 | No |
| Crater Rim Drive (HQ Area) | 19.42703 | -155.25369 | 2149627 | 263363 | No |
| Crater Rim Drive (HQ Area) | 19.42693 | -155.25354 | 2149616 | 263379 | No |
| Crater Rim Drive (HQ Area) | 19.42312 | -155.24970 | 2149189 | 263777 | No |
| Crater Rim Drive (HQ Area) | 19.42318 | -155.24957 | 2149195 | 263790 | No |
| Crater Rim Drive (HQ Area) | 19.42303 | -155.24815 | 2149177 | 263939 | No |
| Crater Rim Drive (HQ Area) | 19.42288 | -155.24795 | 2149160 | 263960 | No |
| Crater Rim Drive (HQ Area) | 19.42274 | -155.24793 | 2149144 | 263962 | No |
| Crater Rim Drive (HQ Area) | 19.42692 | -155.25356 | 2149615 | 263377 | No |
| Crater Rim Drive (Keanakakoi) | 19.40517 | -155.25931 | 2147214 | 262741 | No |
| Crater Rim Drive (Keanakakoi) | 19.40513 | -155.25932 | 2147210 | 262740 | No |
| Crater Rim Drive (Keanakakoi) | 19.40509 | -155.25953 | 2147206 | 262718 | No |
| Crater Rim Drive (Keanakakoi) | 19.40491 | -155.25985 | 2147186 | 262684 | No |
| Crater Rim Drive (Keanakakoi) | 19.40451 | -155.26060 | 2147143 | 262605 | No |
| Crater Rim Drive (Keanakakoi) | 19.40446 | -155.26070 | 2147138 | 262594 | No |
| Crater Rim Drive (Keanakakoi) | 19.40442 | -155.26080 | 2147133 | 262584 | No |
| Crater Rim Drive (Keanakakoi) | 19.40328 | -155.26313 | 2147011 | 262337 | No |
| Crater Rim Drive (Keanakakoi) | 19.40268 | -155.26429 | 2146946 | 262214 | No |
| Crater Rim Drive (Keanakakoi) | 19.40150 | -155.26597 | 2146817 | 262036 | No |
| Crater Rim Drive (Keanakakoi) | 19.40139 | -155.26607 | 2146805 | 262025 | No |
| Crater Rim Drive (Keanakakoi) | 19.40133 | -155.26619 | 2146798 | 262013 | No |
| Crater Rim Drive (Keanakakoi) | 19.40083 | -155.26690 | 2146745 | 261937 | No |
| Crater Rim Drive (Keanakakoi) | 19.39929 | -155.27078 | 2146579 | 261527 | No |
| Crater Rim Drive (Keanakakoi) | 19.39926 | -155.27081 | 2146576 | 261524 | No |
| Crater Rim Drive (Keanakakoi) | 19.39925 | -155.27088 | 2146575 | 261517 | No |
| Crater Rim Drive (Keanakakoi) | 19.39914 | -155.27109 | 2146563 | 261494 | No |
| Crater Rim Drive (Keanakakoi) | 19.39897 | -155.27129 | 2146545 | 261473 | No |
| Crater Rim Drive (Keanakakoi) | 19.39885 | -155.27149 | 2146531 | 261452 | No |
| Crater Rim Drive (Keanakakoi) | 19.39864 | -155.27171 | 2146508 | 261429 | No |
| Crater Rim Drive (Keanakakoi) | 19.39842 | -155.27259 | 2146485 | 261336 | No |
| Crater Rim Drive (Keanakakoi) | 19.39853 | -155.27278 | 2146498 | 261316 | No |
| Crater Rim Drive (Keanakakoi) | 19.39860 | -155.27298 | 2146505 | 261295 | No |
| **Crater Rim Drive (Keanakakoi)** | **19.40113** | **-155.26644** | **2146777** | **261986** | **Yes** |
| **Crater Rim Drive (Keanakakoi)** | **19.39871** | **-155.27165** | **2146516** | **261435** | **Yes** |
| Highway 11 | 19.42757 | -155.25210 | 2149685 | 263531 | No |
| Highway 11 | 19.42745 | -155.25204 | 2149671 | 263537 | No |
| Highway 11 | 19.42732 | -155.25193 | 2149657 | 263548 | No |
| Highway 11 | 19.42722 | -155.25191 | 2149645 | 263551 | No |
| Highway 11 | 19.42717 | -155.25184 | 2149640 | 263557 | No |
| Highway 11 | 19.42703 | -155.25169 | 2149624 | 263573 | No |
| Highway 11 | 19.42680 | -155.25164 | 2149599 | 263578 | No |
| Highway 11 | 19.42652 | -155.25143 | 2149567 | 263599 | No |
| Highway 11 | 19.42947 | -155.25323 | 2149897 | 263415 | No |
| Highway 11 | 19.42948 | -155.25323 | 2149898 | 263415 | No |
| Highway 11 | 19.42950 | -155.25341 | 2149900 | 263396 | No |
| Highway 11 | 19.42952 | -155.25343 | 2149903 | 263394 | No |
| Highway 11 | 19.42967 | -155.25336 | 2149919 | 263402 | No |
| Highway 11 | 19.42974 | -155.25340 | 2149926 | 263397 | No |
| Highway 11 | 19.42993 | -155.25352 | 2149948 | 263385 | No |
| Highway 11 | 19.42993 | -155.25368 | 2149948 | 263368 | No |
| Highway 11 | 19.43002 | -155.25358 | 2149958 | 263379 | No |
| Highway 11 | 19.43034 | -155.25380 | 2149994 | 263357 | No |
| Highway 11 | 19.43046 | -155.25399 | 2150007 | 263337 | No |
| Highway 11 | 19.43063 | -155.25397 | 2150026 | 263339 | No |
| Highway 11 | 19.43237 | -155.25537 | 2150220 | 263195 | No |
| Highway 11 | 19.43421 | -155.26012 | 2150431 | 262699 | No |
| Highway 11 | 19.42191 | -155.30144 | 2149127 | 258340 | No |
| Highway 11 | 19.41580 | -155.31408 | 2148468 | 257002 | No |
| Highway 11 | 19.41600 | -155.31359 | 2148490 | 257054 | No |
| Highway 11 | 19.41820 | -155.30927 | 2148726 | 257512 | No |
| Highway 11 | 19.43550 | -155.26511 | 2150581 | 262176 | No |
| Highway 11 | 19.43520 | -155.26417 | 2150546 | 262274 | No |
| Highway 11 | 19.43520 | -155.26372 | 2150546 | 262321 | No |
| Highway 11 | 19.42899 | -155.25305 | 2149844 | 263434 | No |
| Highway 11 | 19.42799 | -155.25241 | 2149731 | 263499 | No |
| Highway 11 | 19.42379 | -155.24832 | 2149260 | 263922 | No |
| Highway 11 | 19.42584 | -155.25097 | 2149491 | 263647 | No |
| Highway 11 | 19.42669 | -155.25146 | 2149586 | 263597 | No |
| Hilina Pali Road | 19.37593 | -155.24004 | 2143951 | 264724 | No |
| Hilina Pali Road | 19.36881 | -155.24319 | 2143167 | 264382 | No |
| Hilina Pali Road | 19.36681 | -155.24473 | 2142947 | 264217 | No |
| Hilina Pali Road | 19.36401 | -155.24967 | 2142643 | 263695 | No |
| Hilina Pali Road | 19.35983 | -155.25330 | 2142187 | 263307 | No |
| Hilina Pali Road | 19.35859 | -155.25272 | 2142048 | 263367 | No |
| Hilina Pali Road | 19.35852 | -155.25268 | 2142040 | 263370 | No |
| Hilina Pali Road | 19.35830 | -155.25268 | 2142015 | 263369 | No |
| Hilina Pali Road | 19.35821 | -155.25270 | 2142005 | 263368 | No |
| Hilina Pali Road | 19.35815 | -155.25272 | 2141999 | 263365 | No |
| Hilina Pali Road | 19.35756 | -155.25340 | 2141934 | 263293 | No |
| Hilina Pali Road | 19.35744 | -155.25340 | 2141922 | 263293 | No |
| Hilina Pali Road | 19.35716 | -155.25335 | 2141890 | 263297 | No |
| Hilina Pali Road | 19.35558 | -155.25403 | 2141717 | 263224 | No |
| Hilina Pali Road | 19.35446 | -155.25463 | 2141593 | 263159 | No |
| Hilina Pali Road | 19.34285 | -155.27165 | 2140332 | 261354 | No |
| Hilina Pali Road | 19.34271 | -155.27217 | 2140316 | 261300 | No |
| Hilina Pali Road | 19.34263 | -155.27249 | 2140309 | 261265 | No |
| Hilina Pali Road | 19.34257 | -155.27299 | 2140302 | 261213 | No |
| Hilina Pali Road | 19.34255 | -155.27306 | 2140300 | 261205 | No |
| Hilina Pali Road | 19.34371 | -155.27399 | 2140430 | 261109 | No |
| Hilina Pali Road | 19.34361 | -155.27388 | 2140418 | 261121 | No |
| Hilina Pali Road | 19.34315 | -155.27360 | 2140367 | 261150 | No |
| Hilina Pali Road | 19.34315 | -155.27360 | 2140367 | 261150 | No |
| Hilina Pali Road | 19.34255 | -155.27509 | 2140302 | 260992 | No |
| Hilina Pali Road | 19.34255 | -155.27509 | 2140302 | 260992 | No |
| **Hilina Pali Road** | **19.34259** | **-155.27275** | **2140304** | **261238** | **Yes** |
| **Hilina Pali Road** | **19.34202** | **-155.27539** | **2140244** | **260960** | **Yes** |
| HQ Area Admin Roads | 19.42957 | -155.25673 | 2149912 | 263048 | No |
| **HQ Area Admin Roads** | **19.43063** | **-155.25892** | **2150033** | **262819** | **Yes** |
| HQ Area Admin Roads | 19.42842 | -155.25765 | 2149786 | 262949 | No |
| HQ Area Admin Roads | 19.42864 | -155.25734 | 2149811 | 262982 | No |
| HQ Area Admin Roads | 19.42879 | -155.25702 | 2149826 | 263016 | No |
| HQ Area Admin Roads | 19.42826 | -155.25765 | 2149769 | 262949 | No |
| Jaggar Museum | 19.42039 | -155.28859 | 2148941 | 259688 | No |
| Jaggar Museum | 19.42036 | -155.28862 | 2148936 | 259684 | No |
| Kilauea Overlook Road | 19.42563 | -155.28622 | 2149517 | 259945 | No |
| Kilauea Overlook Road | 19.42565 | -155.28623 | 2149519 | 259943 | No |
| Kilauea Overlook Road | 19.42564 | -155.28622 | 2149518 | 259944 | No |
| Kilauea Overlook Road | 19.42561 | -155.28617 | 2149514 | 259949 | No |
| Kilauea Overlook Road | 19.42548 | -155.28599 | 2149500 | 259968 | No |
| Kilauea Overlook Road | 19.42519 | -155.28569 | 2149467 | 259999 | No |
| Kilauea Overlook Road | 19.42515 | -155.28568 | 2149463 | 260000 | No |
| Kilauea Overlook Road | 19.42506 | -155.28558 | 2149453 | 260011 | No |
| Kilauea Overlook Road | 19.42496 | -155.28551 | 2149442 | 260017 | No |
| Kilauea Overlook Road | 19.42514 | -155.28565 | 2149462 | 260003 | No |
| Kilauea Overlook Road | 19.42489 | -155.28548 | 2149434 | 260020 | No |
| Kilauea Overlook Road | 19.42487 | -155.28549 | 2149432 | 260020 | No |
| Kilauea Overlook Road | 19.42477 | -155.28545 | 2149421 | 260024 | No |
| Kilauea Overlook Road | 19.42474 | -155.28545 | 2149418 | 260024 | No |
| Kilauea Overlook Road | 19.42467 | -155.28542 | 2149410 | 260026 | No |
| Kilauea Overlook Road | 19.42449 | -155.28539 | 2149390 | 260030 | No |
| Kilauea Overlook Road | 19.42454 | -155.28539 | 2149395 | 260030 | No |
| Kilauea Overlook Road | 19.42436 | -155.28540 | 2149375 | 260029 | No |
| Kilauea Overlook Road | 19.42423 | -155.28546 | 2149361 | 260021 | No |
| Kilauea Overlook Road | 19.42406 | -155.28544 | 2149342 | 260023 | No |
| Kilauea Overlook Road | 19.42406 | -155.28550 | 2149343 | 260018 | No |
| Kilauea Overlook Road | 19.42407 | -155.28550 | 2149344 | 260018 | No |
| Kilauea Overlook Road | 19.42392 | -155.28550 | 2149327 | 260017 | No |
| Kilauea Overlook Road | 19.42365 | -155.28533 | 2149296 | 260034 | No |
| Kilauea Overlook Road | 19.42357 | -155.28498 | 2149287 | 260071 | No |
| KMC | 19.43218 | -155.27177 | 2150222 | 261472 | No |
| KMC | 19.43220 | -155.27183 | 2150225 | 261465 | No |
| KMC | 19.43253 | -155.27193 | 2150261 | 261456 | No |
| Mauna Ulu Parking Loop | 19.36538 | -155.21680 | 2142751 | 267150 | No |
| Mauna Ulu Parking Loop | 19.36538 | -155.21680 | 2142751 | 267150 | No |
| Tree Molds | 19.43277 | -155.28423 | 2150305 | 260364 | No |