

# Mapillary at the Alaska Railroad

Alaska Smart Communities - November 2019  
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# 360 Camera Details

- Needs
  - GPS
  - High Resolution
  - Changeable batteries
  - Removeable storage



- Camera - Insta360 Pro2
  - Looked at Streetview compatible cameras ([link](#))

# Hosting

- Hosting/Widget -Mapillary



# Cost Breakdown

- \$37,000 Total spent for 525 ± miles of track
  
- Camera - \$5,000
- Collecting Imagery - \$17,350
  - Hyrail/driver/intern
- Widget - \$4,000/yr
- Hosting - \$9,000/yr
  - 70,000± images (800Gb)
- Initial Setup - \$1,650

Panoramas (360° images)	
Up to 10,000 images	\$200 per month
10,001 <sup>st</sup> to 100,000 <sup>th</sup> image	\$10 per 1,000 images per month
100,001 <sup>st</sup> to 500,000 <sup>th</sup> image	\$5 per 1,000 images per month
500,001 <sup>st</sup> to 1,000,000 <sup>th</sup> image	\$4 per 1,000 images per month
1,000,001 <sup>st</sup> image onwards	\$3.5 per 1,000 images per month

# 360° Imagery

- [360° Imagery Demo](#)



# Problems

- Weather
  - Camera not weatherproof
- Trains
- Speed
  - Could only go 15 mph
- Data Storage
- Network Connectivity

