



## Regular Agenda – Communication Resolutions and Reports

### Item #36 [12775] - Funding for Surfnet Communications, Inc.'s Monterey Dunes Underserved Broadband Project

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#### Res T-17431

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#### PROPOSED OUTCOME:

- Approves funding for the Grant and Loan Application of Surfnet Communications, Inc. from the California Advanced Services Fund (CASF) in the amount of \$105,437 for the Monterey Dunes Underserved Broadband Project.
- The Project will cover 0.58 square miles in the Monterey Dunes area, located in Northern Monterey County.

#### SAFETY CONSIDERATIONS:

- The funding to the Monterey Dunes Project will enable households in the Monterey Dunes area to have access to high-speed Internet and make use of the technology for safety purposes.
- The project area does not include any anchor institutions. However, there are nine emergency first responders, one Public Safety Answering Point, and 125 anchor institutions within 10 miles of the project area which the project will potentially serve and which will benefit from the fiber and the middle facilities, which support the project area.

#### ESTIMATED COST:

- \$105,437.





## Regular Agenda – Communication Resolutions and Reports

### Item #37 [12779] - Funding for Sunesys, LLC's Paradise Road Underserved Broadband Project

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#### Res T-17430

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#### PROPOSED OUTCOME:

- Approves funding for the grant and loan application of Surfnet Communications, Inc. from the California Advanced Services Fund in the Amount of \$237,272 for the Paradise Road Underserved Broadband Project.
- The project covers 3.30 square miles in the Paradise Road area, located in Northern Monterey County.

#### SAFETY CONSIDERATIONS:

- The funding to the Paradise Road Project will enable households in the project area to have access to high-speed Internet and make use of the technology for safety purposes.
- The project area includes one anchor institution which may benefit from this project: Elkhorn Elementary School.
- Additionally, although not in the project area, there are nine emergency first responders, one Public Safety Answering Points and 172 anchor institutions within 10 miles of the project area which the project will potentially serve and which will benefit from the fiber and the middle facilities which support the project area.

#### ESTIMATED COST:

- \$237,272.





# **SURFNET CASF PROJECTS PARADISE ROAD AND MONTEREY DUNES**



**Robert Wullenjohn**  
*Program Manager, Communications Division*

**California Public Utilities Commission**

April 10, 2014





# CASF General Overview

- The Commission authorized the California Advanced Services Fund (CASF) in December 2007 to encourage deployment of advanced communications services that will promote economic growth and social benefits
- The CASF is composed of four accounts:
  1. Broadband Infrastructure Grant Account
  2. The Rural and Urban Regional Broadband Consortia Grant Account
  3. The Broadband Infrastructure Revolving Loan Account
  4. Broadband Public Housing Account
- The Broadband Infrastructure Grant and Loan Accounts provide funding for the capital costs of broadband infrastructure projects in unserved and underserved areas of the state





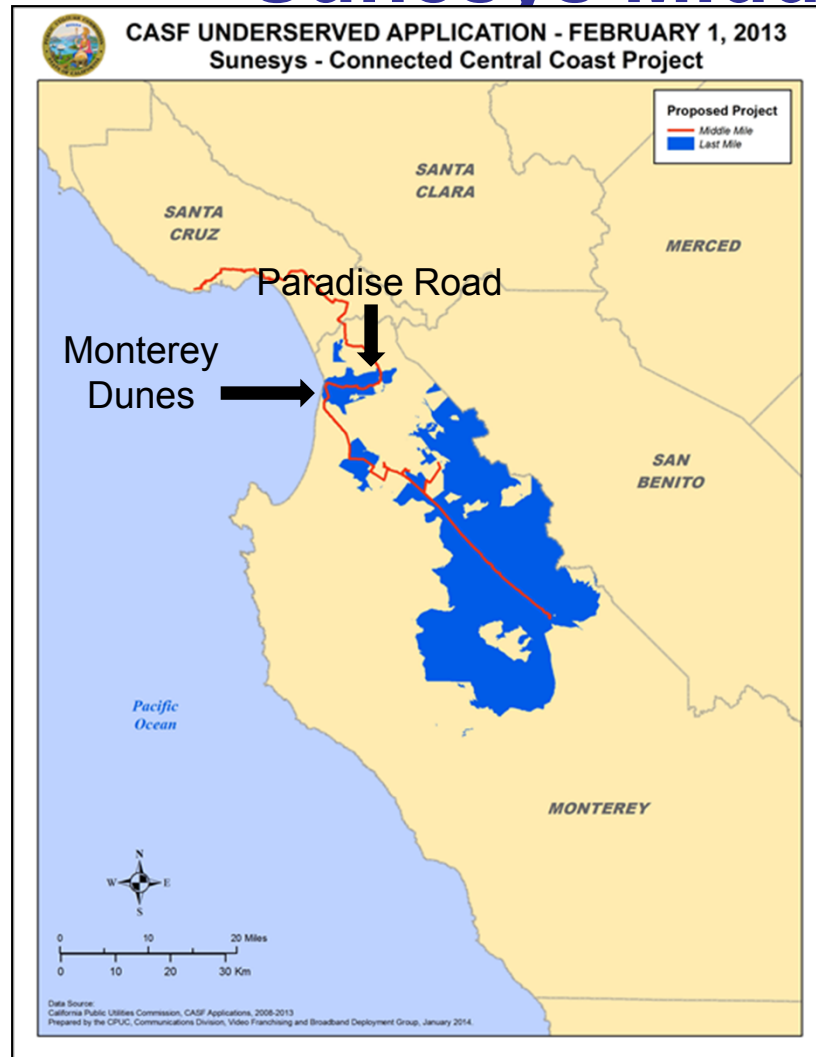
# Monterey Dunes and Paradise Road Projects

- Applications filed February 2013
- Up to 100 mbps upstream / 100 mbps down
- Monterey Dunes project: placement of fiber facilities from backhaul network to existing copper wire neighborhood distribution infrastructure. Fiber will be placed underground along the entrance road to the property and will terminate in the Minimum Point of Entry (MPOE).
- Paradise Road project: high speed fiber to the home technology. Cable will be installed on existing utility poles. Service drops will be installed from the pole to the customer's house.





# Surfnet Project Relative to Sunesys Middle Mile Project

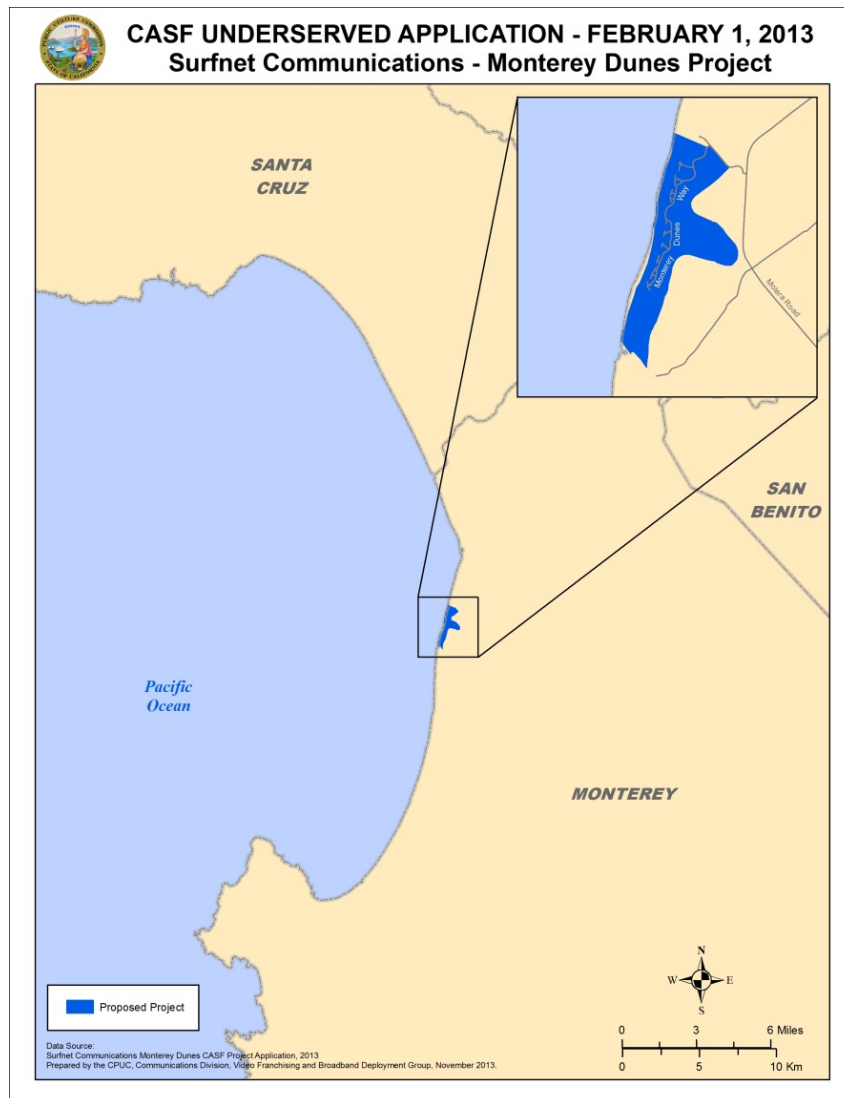


- Both Surfnet projects are located in Northern Monterey County
- Both connect to Sunesys middle mile network for backhaul
- Surfnet project area will serve households identified as eligible in the Sunesys middle mile project area





# Monterey Dunes Project Area

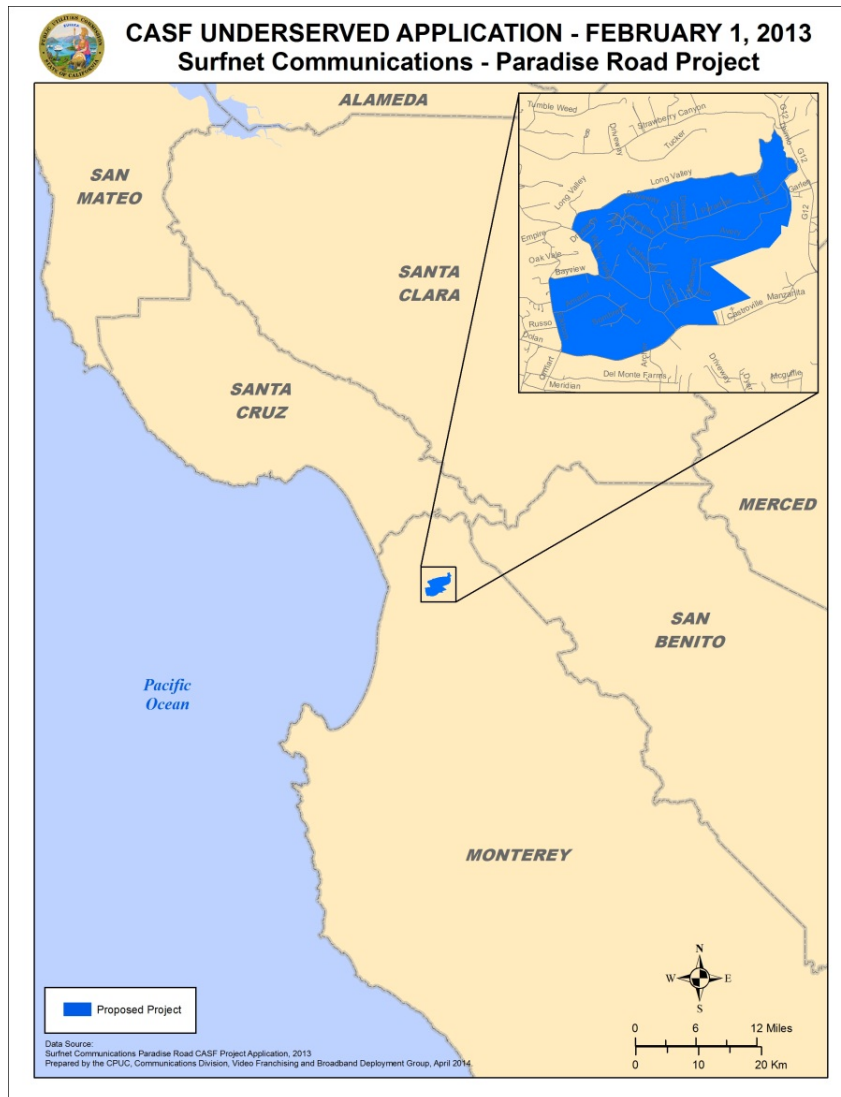


- 0.58 square miles
- 120 underserved households
- Median household income: \$68,243
- Scored well relative to other projects (time, price, cost)
- Wireless challenge not upheld





# Paradise Road Project Area



- Paradise Road project area is 3.30 square miles
- 278 underserved household
- Median household income: \$75,421
- Scored well relative to other projects (time, price, cost)
- Wireless challenge not upheld







## Surfnet Projects Funding

	Monterey Dunes	Paradise Road
<b>Grant (60%)</b>	\$79,078	\$177,954
<i>- Per HH CASF Grant funding</i>	\$659	\$640
<b>Loan (20%)</b>	\$26,359	\$59,318
<b>Total CASF Funds Requested</b>	\$105,437	\$237,272
<i>- Total Per HH CASF funding</i>	\$879	\$873
<b>Matching Funds Provided by Applicant (20%)</b>	\$26,359	\$59,318
<b>Total Project Cost</b>	\$131,796	\$296,590





## Benefits of the Surfnet Projects

- Opportunity for first responders to interconnect networks
- Improves availability of symmetrical 100 mbps service useful to the region's medical services sector
- Nine emergency first responders, one PSAP (Public Safety Answering Points) within 10 miles of the project areas
- Monterey Dunes
  - 125 anchor institutions within 10 miles of the project area
- Paradise Road
  - One anchor institution within the project area
  - 172 anchor institutions within 10 miles of the project area





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