



BROADBAND IN RURAL AMERICA

LEVERAGING PUBLIC LANDS TO INCREASE CONNECTIVITY

SUPPORTING DEPLOYMENT ON INTERIOR & TRIBAL LANDS

- + January 8, 2018 President Donald Trump Issues Presidential Memorandum entitled, *“Supporting Broadband Tower Facilities in Rural America on Federal Properties Managed by the DOI.”*
- + Acting Deputy Secretary Kate MacGregor developed Inter-Department team to produce a comprehensive 332 page report titled *“Connectivity in Rural America, Leveraging Public Lands for Broadband Infrastructure.”*
- + Department team created and published the *Joint Overview Established Locations (JOEL) Map.*

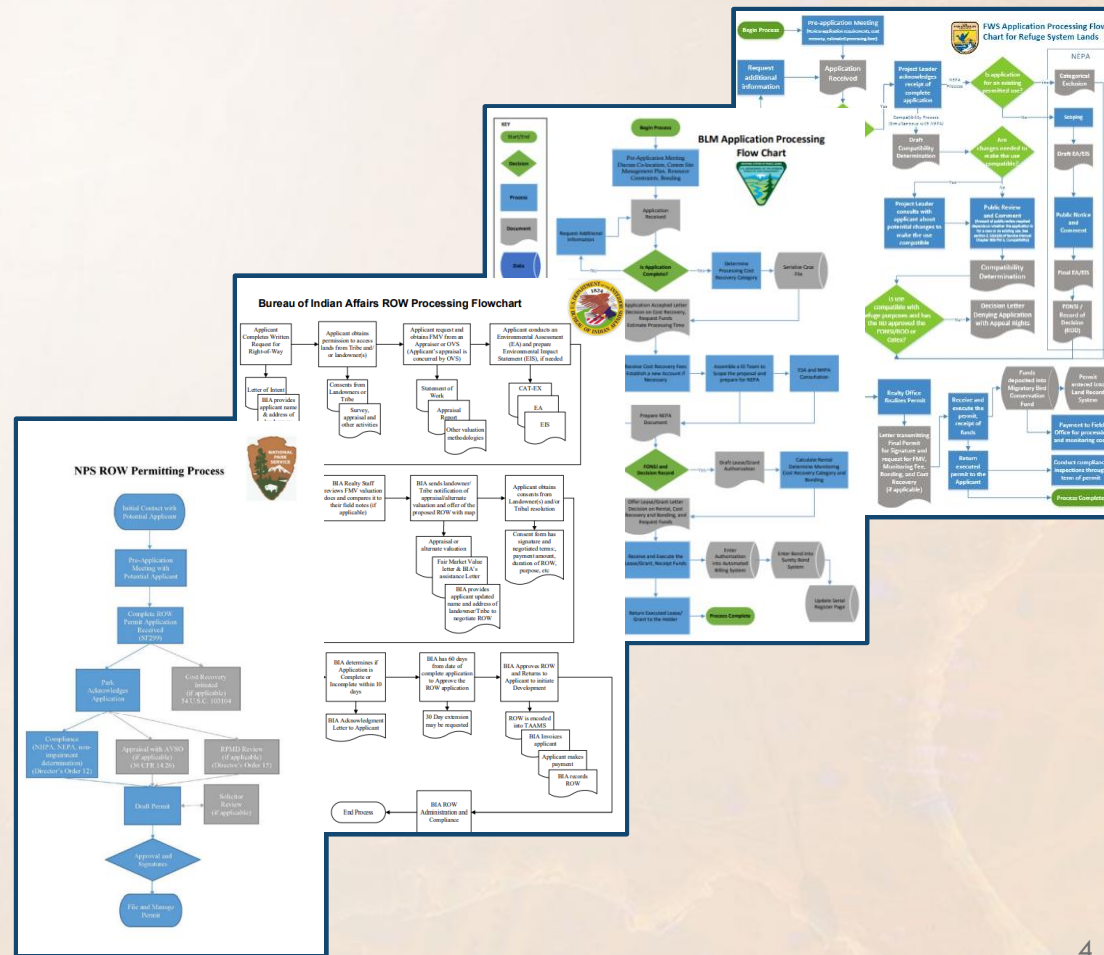
CONNECTIVITY IN RURAL AMERICA, LEVERAGING PUBLIC LANDS FOR BROADBAND INFRASTRUCTURE

- + Comprehensive review of Department-wide permitting procedures.
- + Identifies challenges within permitting process and opportunities to streamline broadband deployment of public lands.
- + Provides framework for common-sense improvements to facilitate broadband infrastructure.



IMPROVING EFFICIENCY IN PERMITTING

- + Regulations, Policy, and Guidelines
- + Environmental Review
- + Leasing and Permitting
- + Fair Market Value Rental
- + Program Administration



BROADBAND AVAILABILITY

What **SPEED** Do You Need?

Fast, reliable Internet is vital for communities to fully participate in the economy. Download speed requirements vary based on the activity, location and number of users, and these needs will continue to change as technology advances.

Wondering whether your community institutions have the baseline speeds that they need for today's capabilities? **Find suggested download speeds below.**



Hospital | 1 Gbps+



Sharing health records



Performing virtual consultations



Connecting First Responders



Library | 100 Mbps–1 Gbps+



Operating public computer centers



Mobile hotspot lending



Enabling Maker Spaces



School | 100 Mbps–1 Gbps+



Sharing educational material



Online testing



Accessing databases



Small Business | 50 Mbps+



Managing inventory



Operating Point-of-Sale terminals



Coordinating shipping



Home | 25 Mbps+



Completing homework

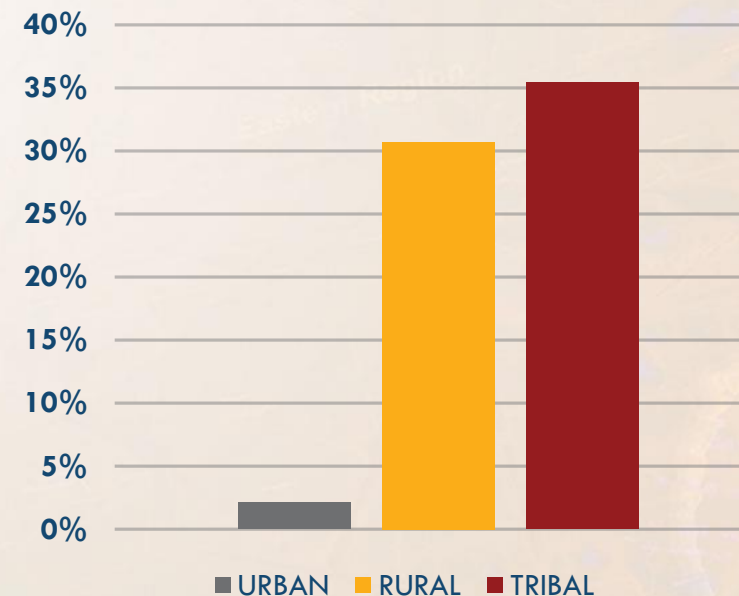


Streaming video



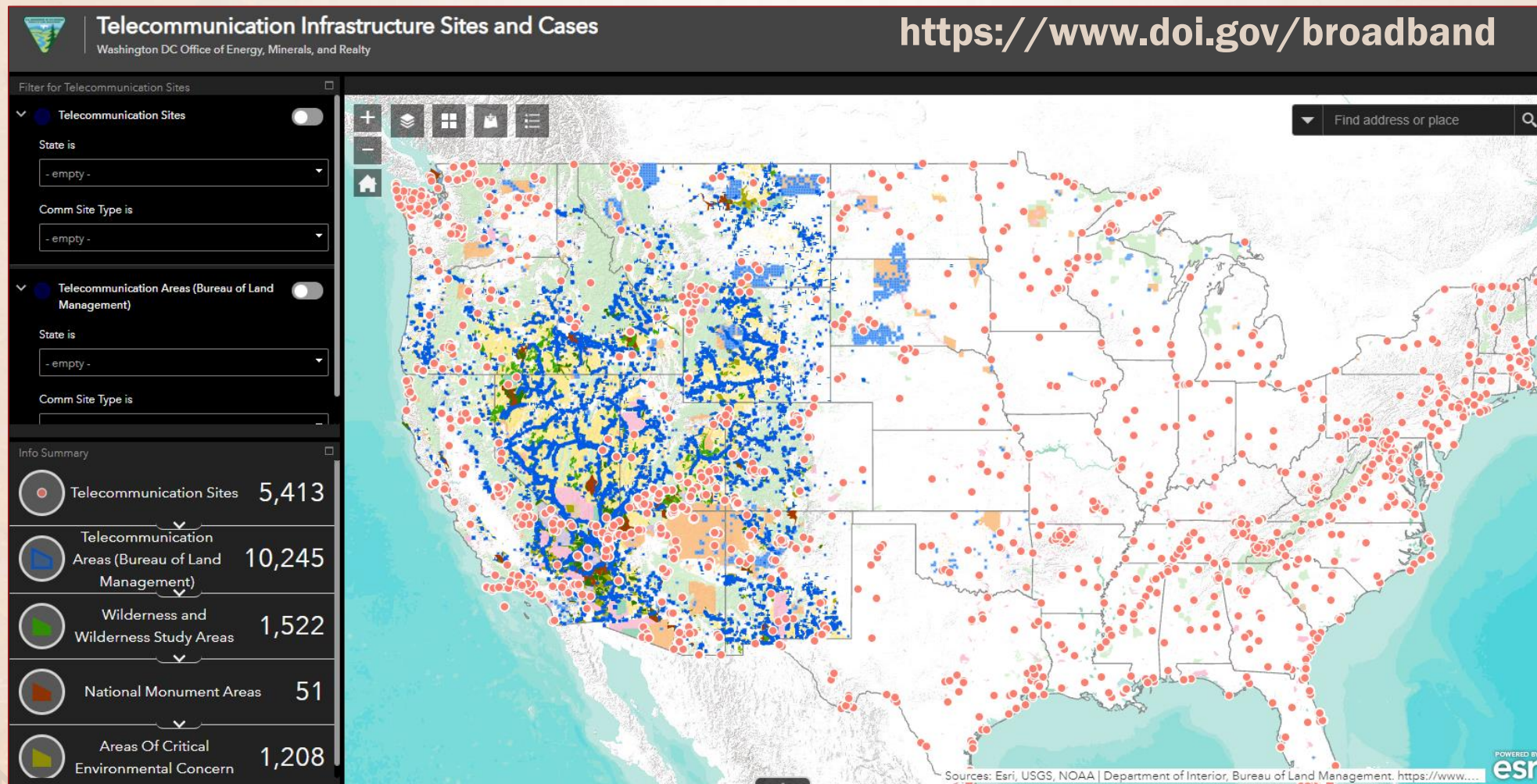
Web browsing

Percentage of Americans Lacking Access to Fixed Terrestrial 25 MBPS/3MBPS Broadband



2018 Broadband Deployment Report – based on 2016 data provided by Internet Service Providers

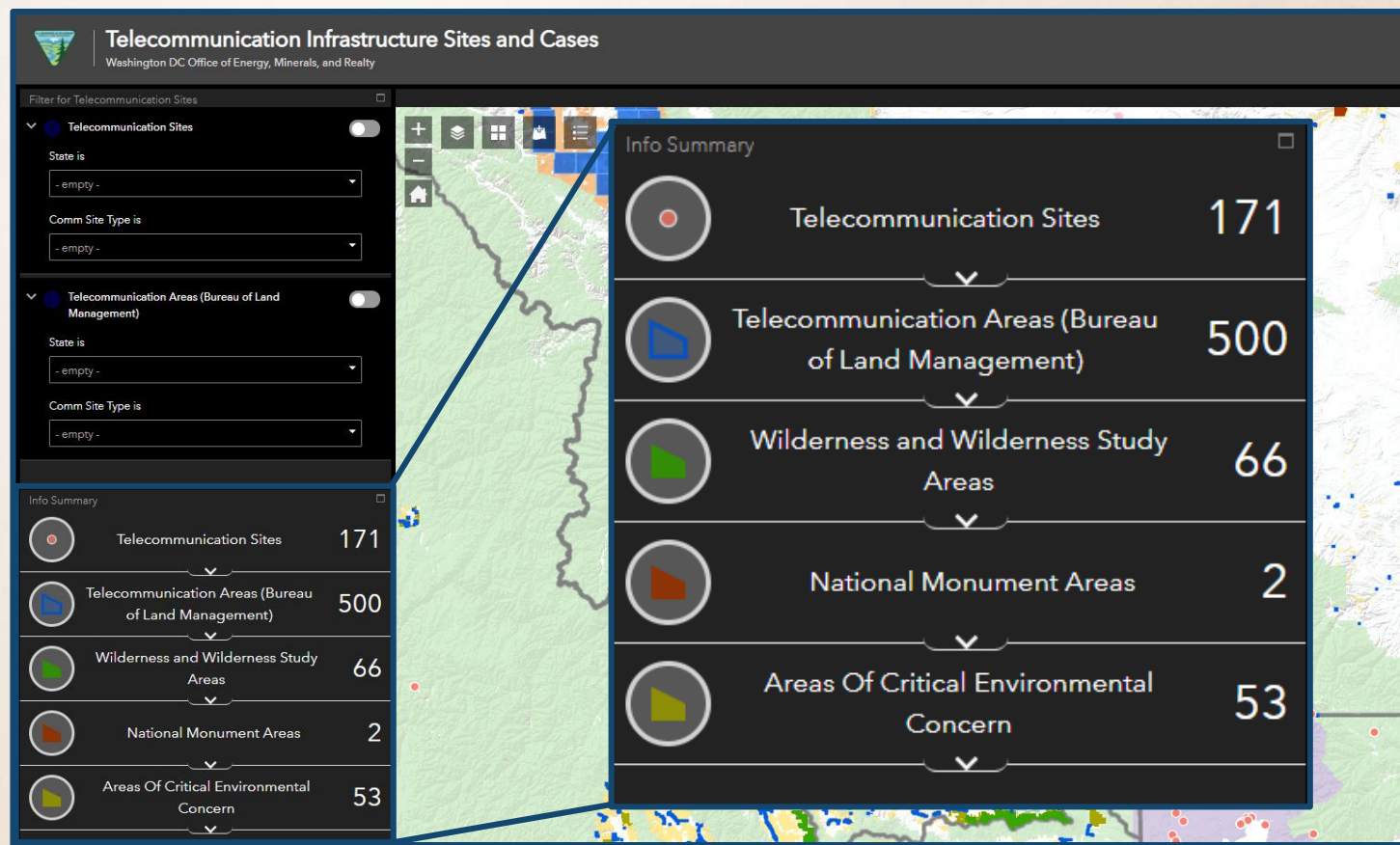
JOINT OVERVIEW-ESTABLISHED LOCATIONS (JOEL) MAP



JOEL MAP

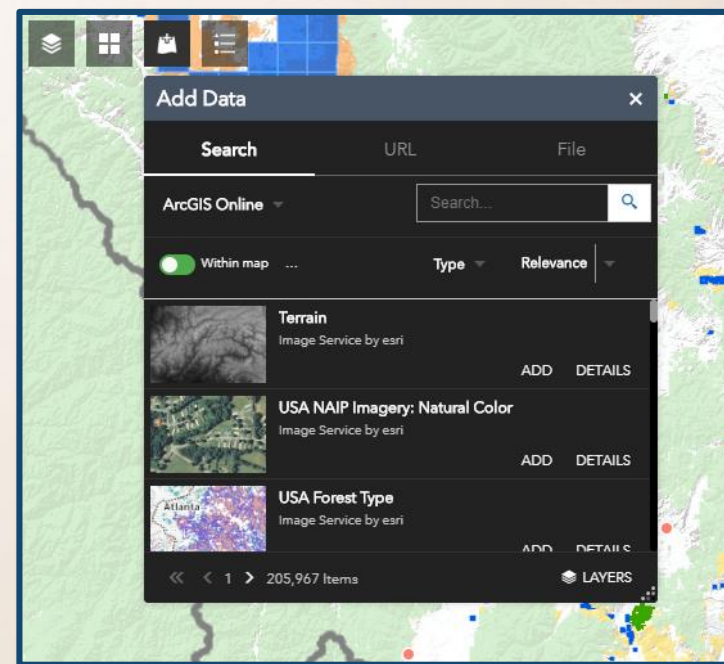
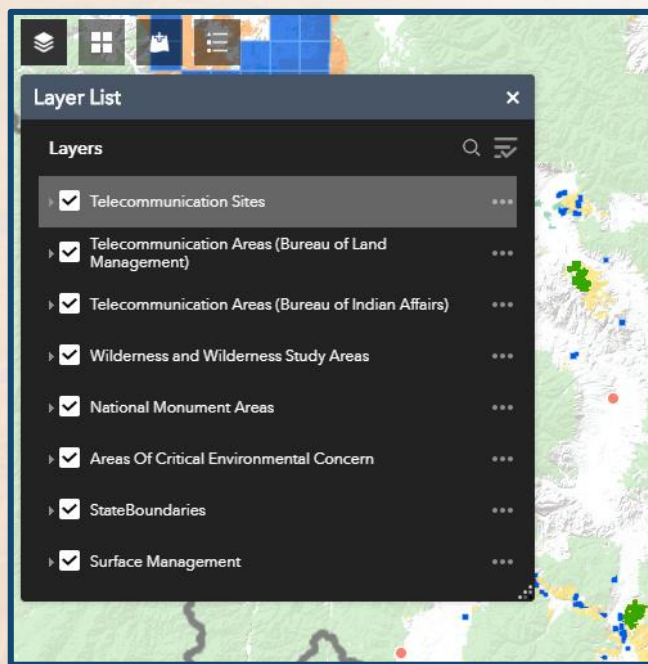
+ Land use designations can be displayed on the map.

+ Designations may affect areas available for permitting.



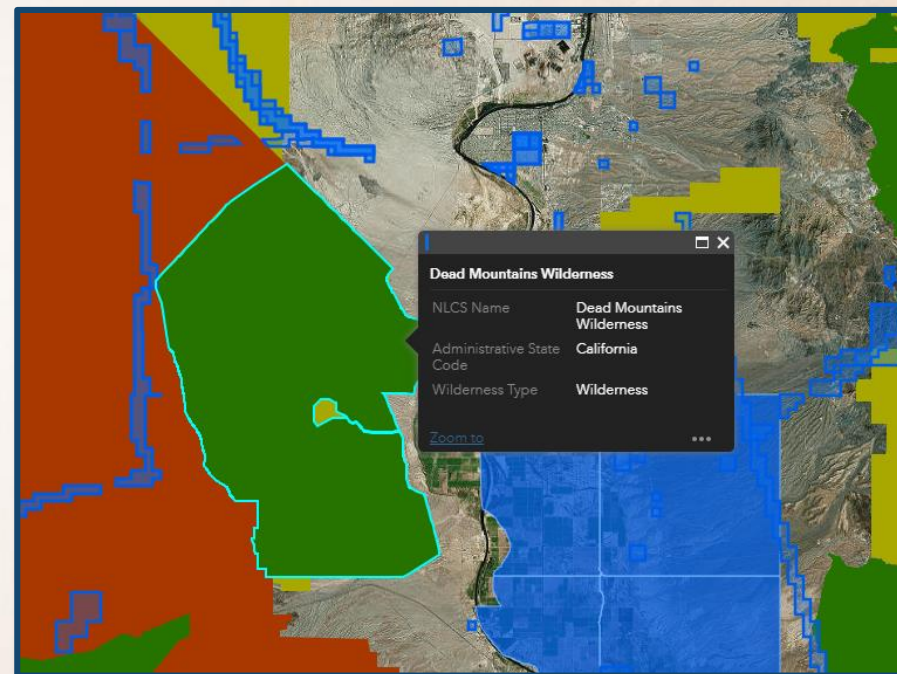
JOEL MAP

- + Select relevant information from JOEL's existing layer list or add other data from ArcGIS Online to their map.



JOEL MAP

JOEL Map provides details on the location or site, including managing agency information.



Allows users to quickly identify Agency points of contact or areas where permitting may be easier.

QUESTIONS?