

# National Trails Mapping & Protection

Collecting ideas and best practices for providing public-use maps and protecting our trails' resources

# background

- + Desire to create online public use maps
- + Concern: mapping sensitive information
- + Concern: providing accurate, complete data for developers
- + Concern: not all trails are administered the same  
(varying components and protection concerns)

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Bringing together mapping and protection specialists minds for best practices

# example: West-wide Energy Corridor

Case Study: Let's take a look at the  
Juan Bautista de Anza National Historic Trail  
(just Anza Trail for short)



# Example: West-wide Energy Corridor

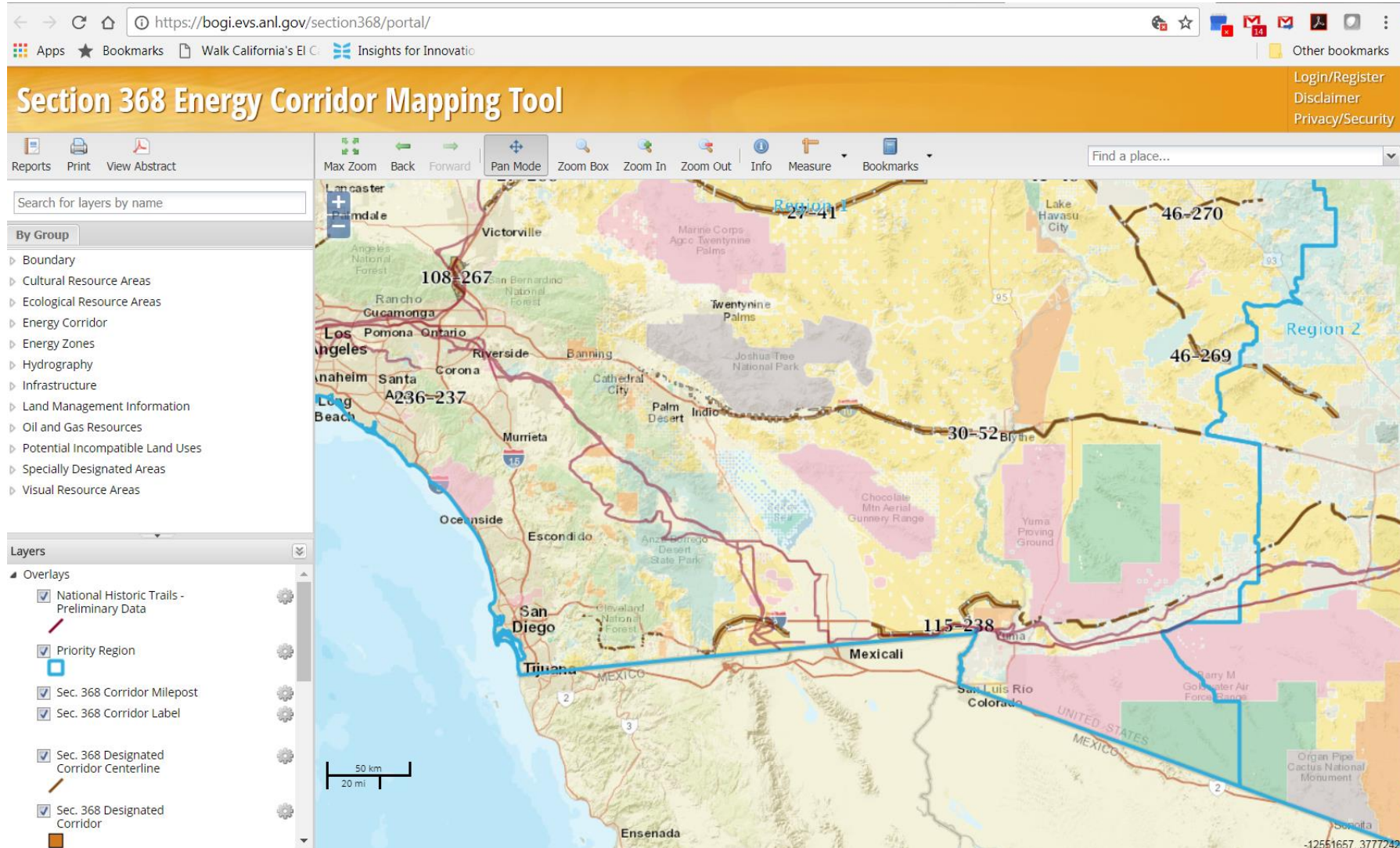
The screenshot displays the website [www.anzahistorictrail.org/visit](http://www.anzahistorictrail.org/visit). The page features a navigation menu with options: VISIT, EXPERIENCE, INVOLVE, NEWS, EVENTS, and ABOUT. A prominent heading reads "VISIT - Plan Your Trip on the Anza Map", accompanied by a "Map Correction or Addition?" button.

Below the heading are four interactive sections: "Quick Search" (Click the map for information), "Trip Planner" (Choose What to See), "Trail Explorer" (Learn About the Expedition), and "County Guides" (Click on map or pick from list).

The main content area is a map interface with the following elements:

- Map Style Selection:** STREETS (selected), SATELLITE, TERRAIN.
- Map Layers Panel:**
  - Recreational Trail, Certified
  - Not certified
  - Historic Trail Corridor
  - Revised/Unofficial
  - Trail Resources/Facilities
  - Trail Photos
  - Auto Route
  - Expedition Campsites
  - CA Missions
  - Counties
  - Congressional Districts
- Map Labels:** Salton Sea, Chocolate Mountain Naval Reservation, Cibola National Wildlife Refuge, Calipatria, Colorado Desert/Imperial, Brawley, El Centro, Calexico, Mexicali, Paredones, Somerton, Yuma, Fortuna, Fort Yuma-Quechan, San Luis Rio Colorado, La Rumorosa, Blue Angels Peak, Carrizo Impact Area - U.S. Navy, US Naval Reservation, Salton Sea, Salton, Sunny Bono National Wildlife Refuge.
- Map Controls:** Zoom in (+), Zoom out (-), Full screen, and a search icon.

# Example: West-wide Energy Corridor



# Recent Developments in Law and Policy

- FAST-41 (42 U.S.C. 4370m)
  - Establishes new procedure to standardize and expedite permitting on large-scale infrastructure projects, including energy.
  - Requires tracking project milestones on the federal Permitting Dashboard
- E.O. “Expediting Env. Reviews and Approvals for...Infrastructure” (1/24/17)
- E.O. “Promoting Energy Independence and Economic Growth” (3/28/17)
- E.O. 13807 “Establishing Discipline and Accountability in Env. Review...” (4/15/17)
- E.O. “Implementing an America-First Offshore Energy Strategy” (4/28/17)
- E.O. “Establishing a Presidential Advisory Council” (7/19/17)
- S.O. 3348/3349 – revokes Obama coal leasing, mitigation, programs (3/29/17)
- S.O. 3354 – on improving onshore oil and gas, and minerals, leasing (7/6/17)
- S.O. 3355 – limits most NEPA to 1 year, 150 pages (8/31/17)

# Recent Developments, Cont.

# so...what?

Sharing experiences from the field.

(renewable energy, resource protection, compliance specialists)



discussion

From your point of view, what  
are the **benefits and risks of  
public mapping?**

discussion

## **What to do when a line really isn't a line?**

Many of the historic trails (if not all) are really corridors of travel. Could we instead delineate "analysis areas" that are polygons and would direct project proponents to investigate within the area instead of along a false line?

discussion

If NTS were represented on an online/interactive map, **what concerns might there be in terms of resource protection?**

discussion

How do we handle **private land  
owner concerns?**

discussion

**How do we keep people from  
using the data at an  
inappropriate scale?**

discussion

Better mapping can lead to  
better resource protection.

**How can we represent our  
National Trails for the public?**

discussion

If this is for project planning then the data needs to be close to real time as possible. This raises all sorts of questions regarding how and where data is housed and who/ how it gets accessed. **How do we handle data updates?**