

# Reimagining Environmental Documentation for a Digital Future

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## From Paper to Platform: Evolving Environmental Documents for Today's Digital Platforms

PlanEngage is a unique and innovative tool developed by AECOM to enhance project planning and stakeholder engagement. It serves as an interactive, web-based tool that enables project teams to create dynamic, visually engaging, and easily accessible environmental documents. By integrating multimedia elements such as maps, videos, and interactive graphics, PlanEngage transforms traditional paper environmental documents into immersive experiences that are easier for stakeholders to understand and interact with.



Access the San Gregorio Project Document while you read along at:

<https://us.planengage.com/sangregoriobridge/page/home>

Or via mobile by scanning the QR Code

### Benefits of PlanEngage

#### Enhanced Stakeholder Communication

PlanEngage simplifies complex project data, making it more accessible and understandable for a diverse range of stakeholders, including the public, government agencies, and private entities. This transparency fosters trust and collaboration.

#### Interactive and Engaging Formats

Unlike traditional methods, PlanEngage allows users to interact with project details through clickable maps, timelines, and multimedia content, creating a more engaging experience.

#### Improved Decision-Making

By presenting data in a clear and interactive format, PlanEngage helps stakeholders make informed decisions more efficiently, reducing delays and misunderstandings.

#### Accessibility and Inclusivity

The platform is web-based, ensuring that stakeholders can access project information anytime and anywhere, promoting inclusivity and increased participation.

#### Streamlined Reporting

PlanEngage reduces the need for lengthy, static reports by consolidating information into a single, user-friendly platform, saving time and resources.

## Case Study



**San Gregorio Bridge Project – Caltrans District 4**  
*Winner of USDOT's Modernizing NEPA Challenge*



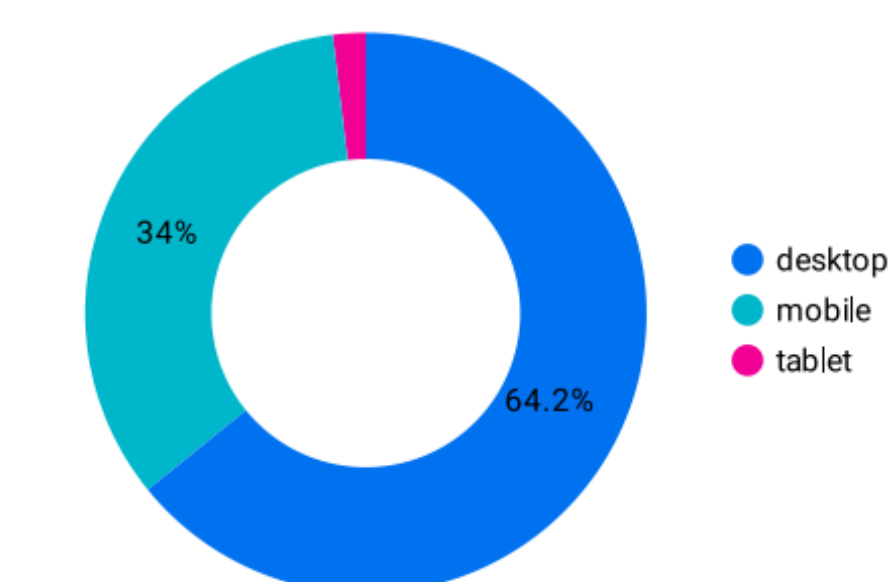
### Mitigated Negative Declaration/Finding of No Significant Impact

Features Included:

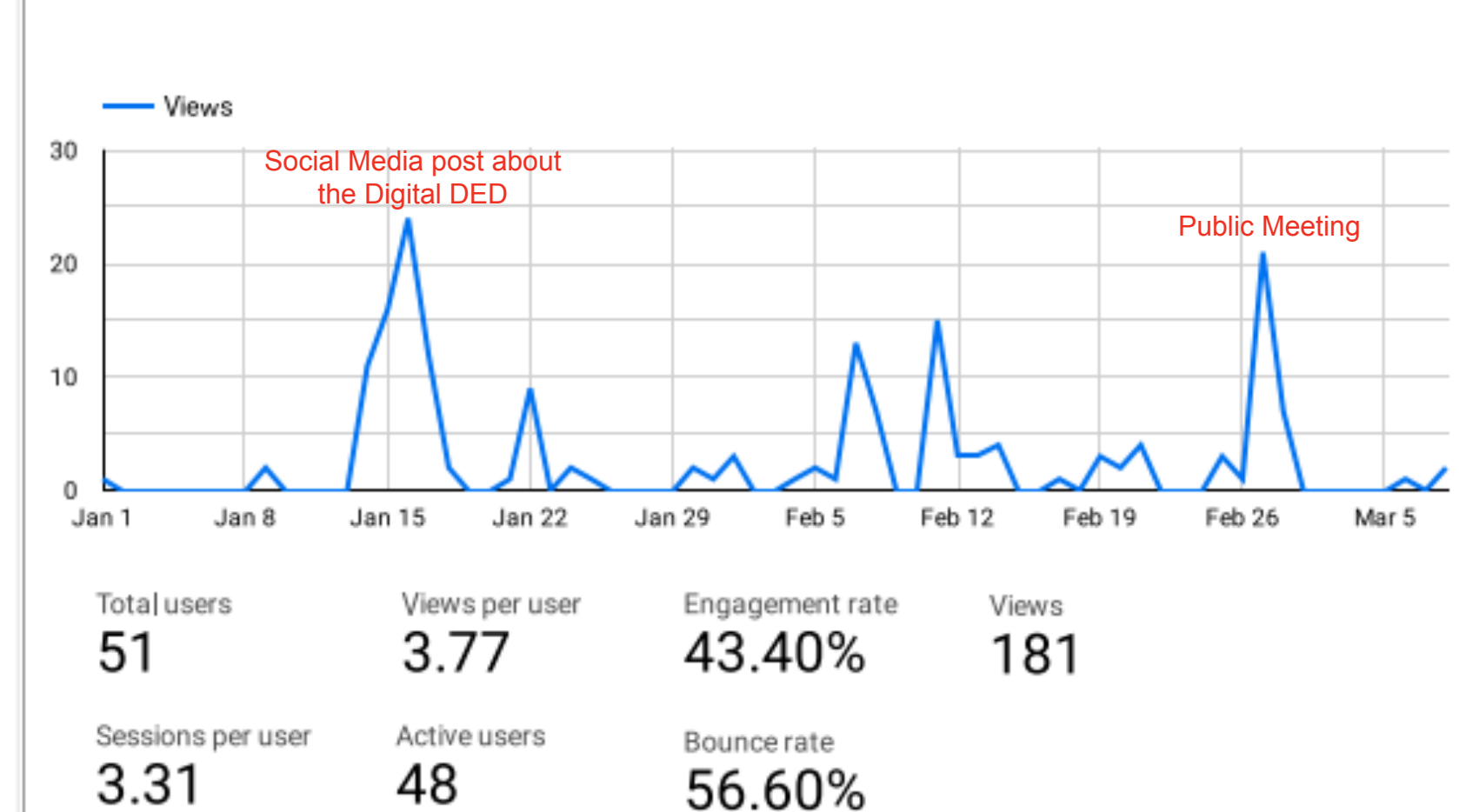
- Interactive GIS-based project maps
- Interactive visual simulations with slider bars
- Easy acronym definitions (via pop-ups)
- Searchable content
- Ability to submit public comment
- Mobile friendly, ADA accessible, available to third-party language translation tools (e.g. Google Translate)
- Approx 35% of visitors came through a mobile device or tablet

Utilized in regulatory stakeholder meetings and discussions to gain feedback and project approvals

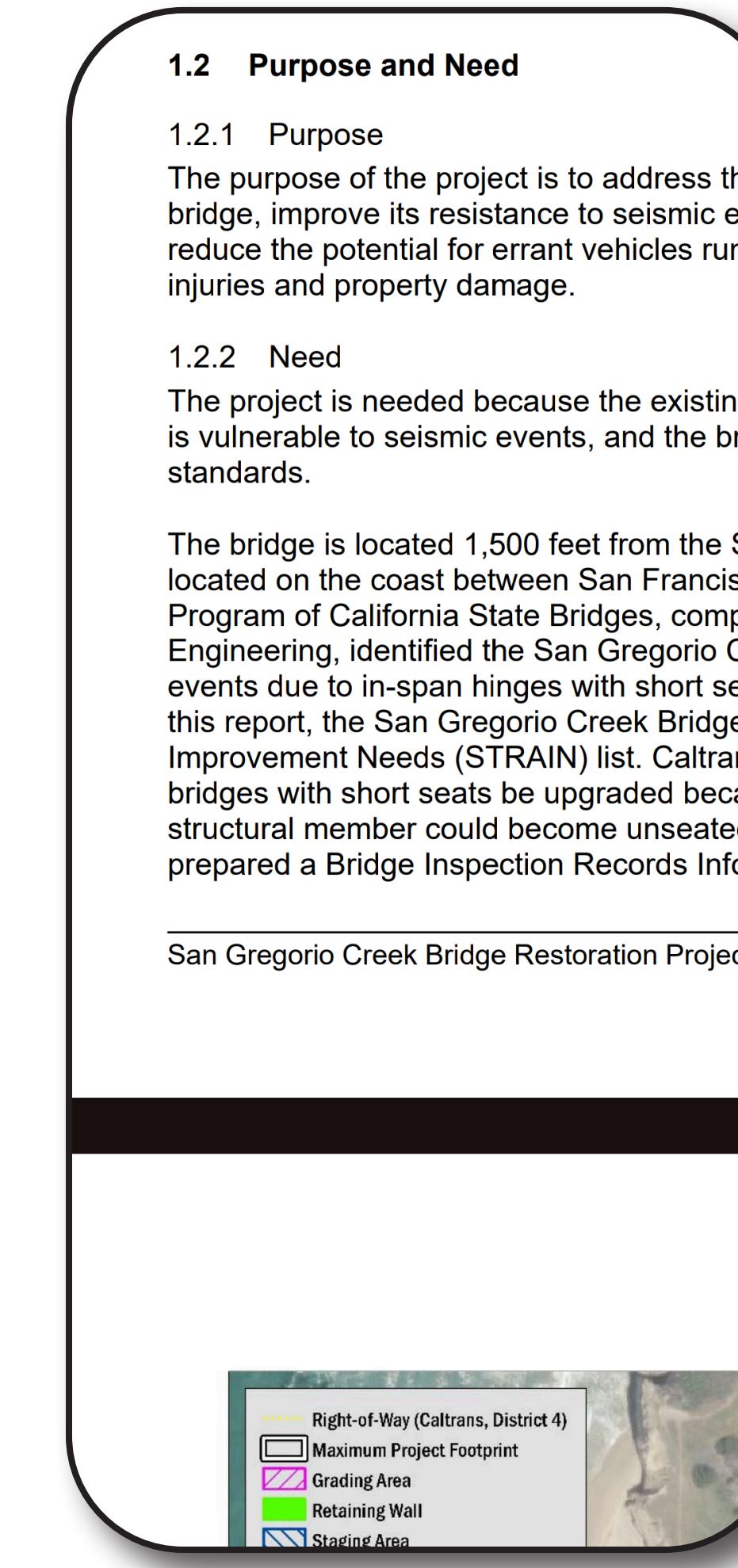
Device - Desktop vs Mobile



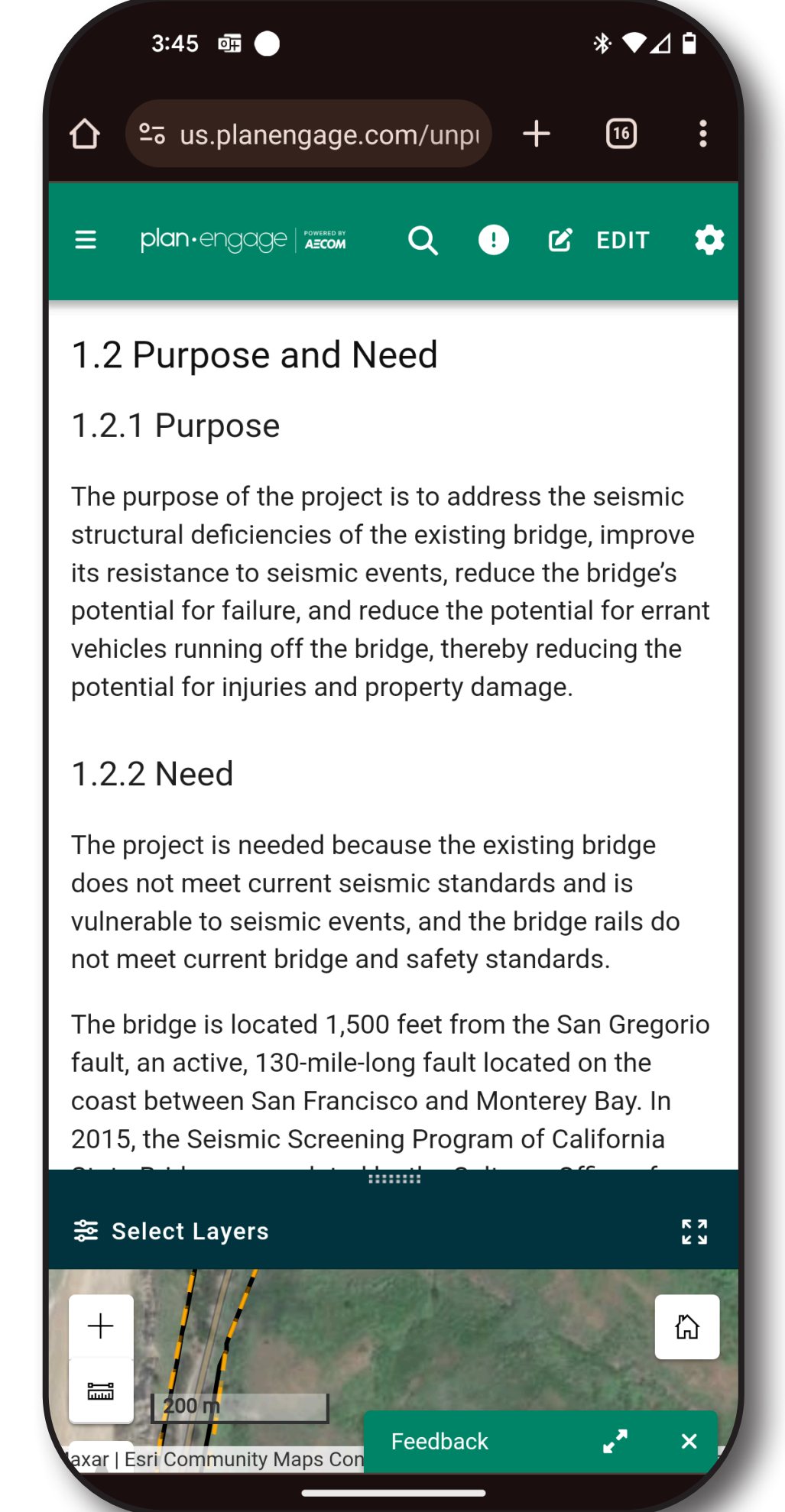
Site Visitors



## Environmental Documents in a Mobile & Tablet Friendly Format



Mobile view of traditional PDF edition



Mobile view of interactive web-based edition

## Automatic Language Translation

**View with default language set to English**

- Alternative 1
- Project Footprint
- Alternatives 2a and 2b
- Construction Access and Staging

**PROVIDE FEEDBACK**

**View with default language set to Spanish**

- Alternativa 1
- Huella del proyecto
- Alternativas 2a y 2b
- Acceso a la construcción y puesta en escena

**PROPORCIONAR COMENTARIOS**