Trams, Trails and Transit Active Transportation, Resilient Infrastructure

SABNO CANYON - TRIP 2.0

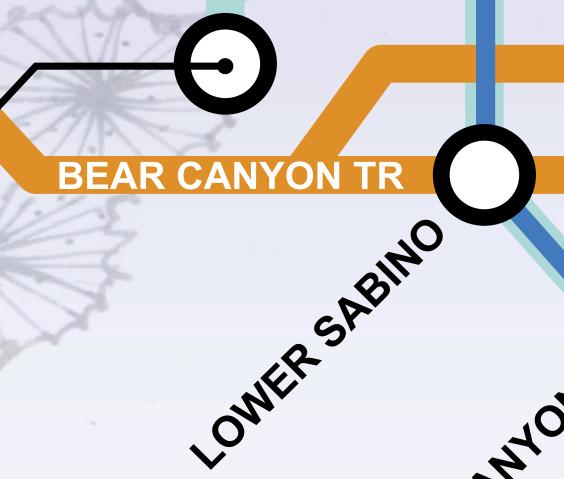
e Sabino Canyon Recreation Area is one of the premier outdoor destin entified 3 specific transportation related interventions to Taken together, these interventions represent a holistic transportation rategy for Sabino Canyon which include: TRAMS, TRAILS AND TRANSIT. Phase II, which s undertaking the planning for these projects, aims to ease the identified pressures, stitch er the site and guarantee the continued public enjoyment of this up

Adj : [ri'zil'yuhns] 1) Able to withstand or recover quickly I PARCE from difficult conditions. 2) The long term capacity system to return to its original state after distu

CACIUS

REST ROAD 100

JCISOUTING JCISOUTING



EXISTING NETWORK CONNECTIVITY



Andrew Valdez **Public Lands / National Park Foundation** Unit: Sabino Canyon - Coronado NF

PAVED ROAD - PUBLIC ACCESS

- **PAVED ROAD LIMITED CAR ACCESS**
- UNPAVED TRAIL

FOREST ROAD 100

- UPPER SABINO CANYON

- SABINO CANYON TRAM ROUTE
- LIMITED BICYCLE ACCESS



Trams

Since Forest Road 100 was closed to public vehicular access in 1978, the Forest Service has contracted with a private essionaire to provide transit access through the canyon via huttle or 'tram' system. The rolling stock has not been ited since the original procurement in 1978 and there are s of visual, audio and air pollution originating from the owered units. The current special use permit is set to e in December 2013 and as such the Forest Service is ping a new concept of operations which reflects current st practices of transit systems in federal lands. Before the ting permit expires, the Forest Service intends to select a ncessionaire through a competitive process so this important prvice can continue to serve the public.

OBJECTIVES

- Provide opportunities to interpret the cultural and ecological highlights of Sabino Canyon

Provide opportunities to educate the public about alternative transportation and sustainability

- Develop a system which features alternative propulsion technology as defined by Federal Lands lighway Program § 3021 (ATPPL)

of total yearly visitors use the tram

of tram riders see the service as a ride, not as transportation

65%

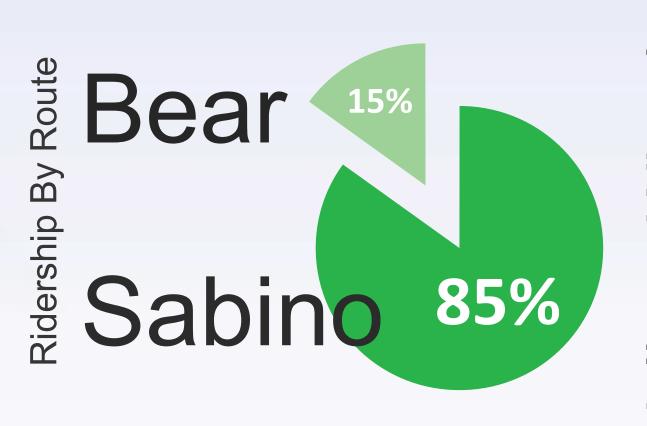
of visitors said transit in Sabino Canyon was very important

Decibel level of diesel engine

Decibel level of PA system

Average age of current rolling stock

Tons of CO2e Emitted/Yr with Current System (Diesel)



0 +lls S

Hybrid/Electric (Gasoline) **Biomass Flex Fuel Vehicles** Hydrogen Fuel Cell Vehicles Renewable Diesel (Soy/Algae) Electric Vehicles (Coal)





*NOT TO SCALE

What is the Transportation Scholars Program?

The Public Lands and National Park Foundations' Transportation Scholars programs provide parks and public lands with transportation professionals for six to 12 months who assist in transportation planning and implementation to help parks and public lands reduce traffic, congestion and pollution while improving visitor experiences. These programs are designed to place individuals with substantial knowledge and expertise in transportation planning and related areas. See footer for a list of sponsors

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