

SPREADING THE WORD ABOUT TRAILS WITHIN LOS ANGELES COUNTY

# PREVIEW OF TODAY'S DISCUSSION

- 1. Making authorized trail information accessible
- 2. Lessons learned since the launch of the website
- 3. Determining where we go from here





### LA COUNTY TRAILS

# MAKING AUTHORIZED TRAIL INFO ACCESSIBLE

# "TRAIL USERS ARE AMONG THE MOST PASSIONATE AND INFORMED OUTDOOR ENTHUSIASTS..."

Russ Guiney, Former Director of LACo Parks

## RESPONDING TO AN INCREASED DEMAND

- Recognized the growing popularity of outdoor recreation enjoyed on paths through parks and natural areas
- Running/jogging/trail running, bicycling and hiking were among the top five most popular outdoor activities\*



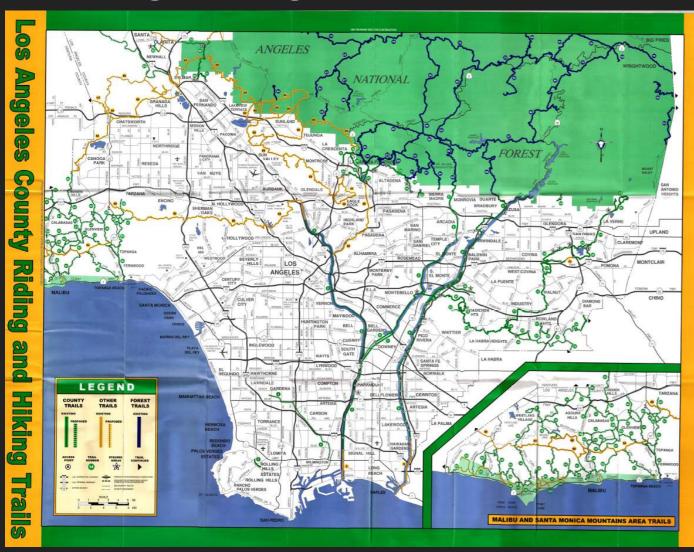
## EXPANDING AWARENESS OF AUTHORIZED TRAILS

- Encourage residents and visitors to take advantage of one of the world's most diverse and expansive multi-use trail systems
- Expand opportunities to enjoy healthy outdoor recreation
- Deepen their knowledge about trails and our natural resources
- Decrease incidents of trespassing and degradation to environmentally sensitive areas

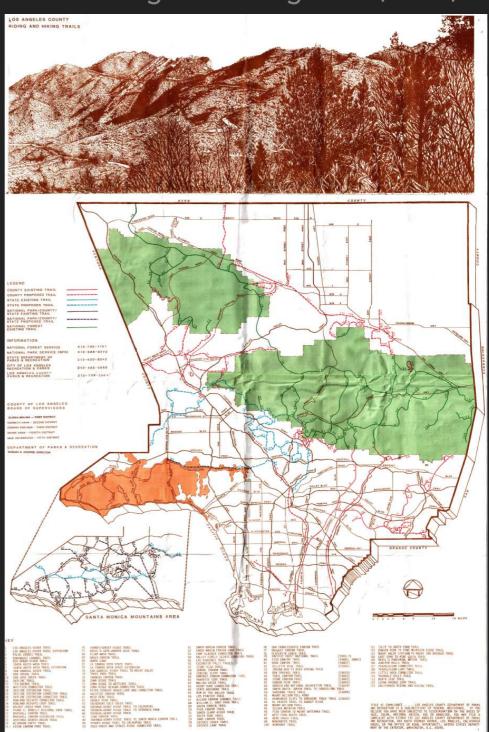


### PRE-2014: FOLD-OUT MAPS

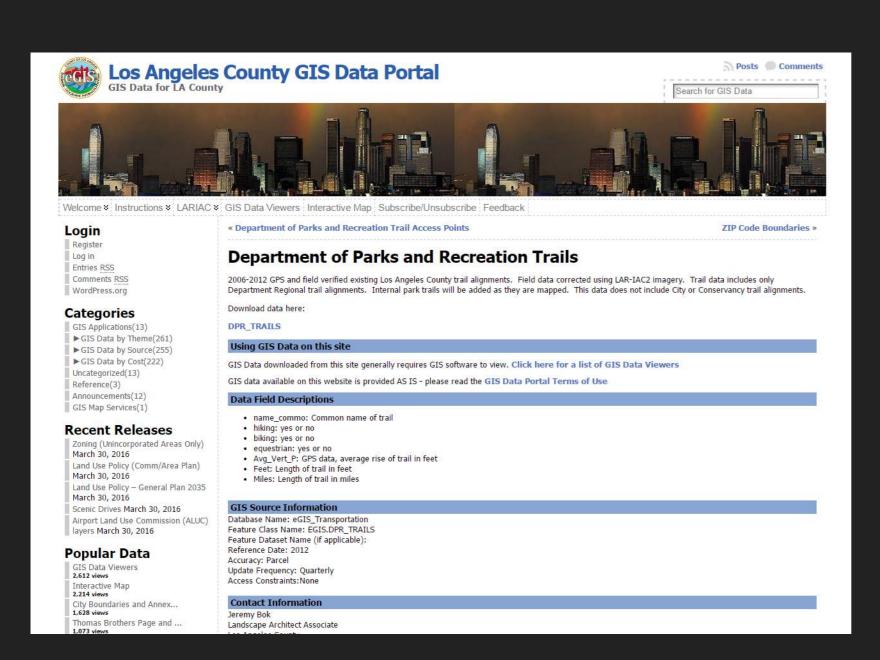
LACo Riding and Hiking Trails (2001)



#### LACo Riding and Hiking Trails (1986)



### PRE-2014: LA COUNTY GIS DATA PORTAL





# DIGITALIZING OUR ASSETS

Detailed, foot-by-foot assessments collected on 210 miles of trails into a rich GIS database

Included a geo-referenced inventory of:

- A variety of maintenance issues
- Access points, trailheads, and amenities
- All existing signage
- Trail type, surface, grade



# DEVELOPMENT OF TRAILS.LACOUNTY.GOV

#### 1. WEB DEVELOPMENT

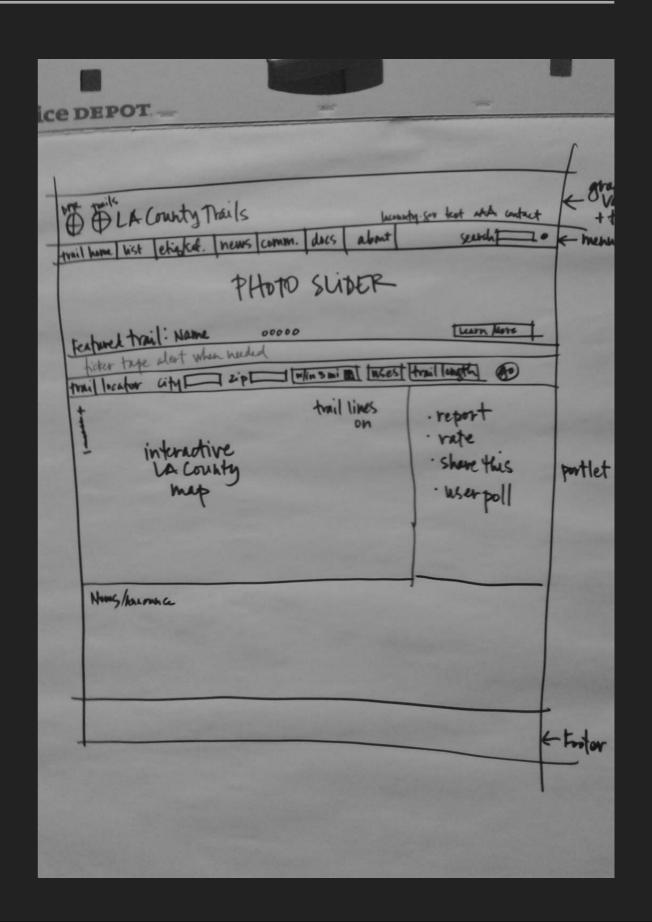
[August 2012] Began developing desktop and mobile trails website. New components of the site were tested as they were developed.

#### 2. WEB & MOBILE LAUNCH

[November 2014] Publicly launched desktop and mobile trails website hosting multiple agencies' trails and trail-related information. Changes in web development software provided additional features and budget savings

#### 3. WEB & MOBILE REFINEMENT

[February 2015] Began refining desktop and mobile app website with additional features based on feedback using portion of cost savings from web development efficiencies



# MUST-HAVE FEATURES

Provide regularly-updated information on trails in the county, and allow users to:

- Show or search for trails based on current location or city/zip
- View, sort, and filter trail results to be viewed in list view or map view
- Provide trail information, directions to trailhead and access points, an interactive map, elevation profile, etc.
- Data synchronization between the mobile and desktop site



### INTERAGENCY WEBSITE PARTNERS

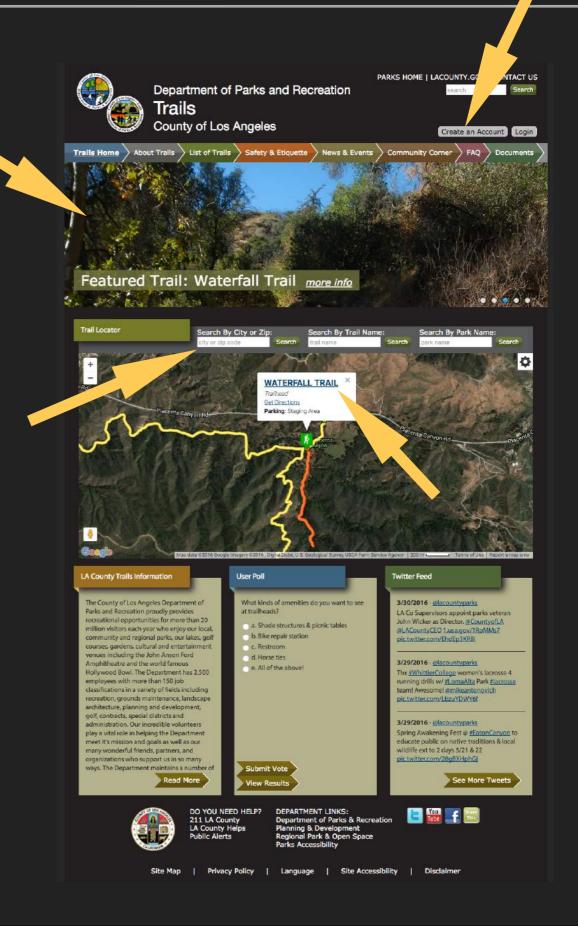
Website includes trails operated by a number of partner agencies:

- National Park Service
- California State Parks
- Mountains Restoration Trust
- Santa Monica Mountains Conservancy
- Mountains Recreation and Conservation Authority



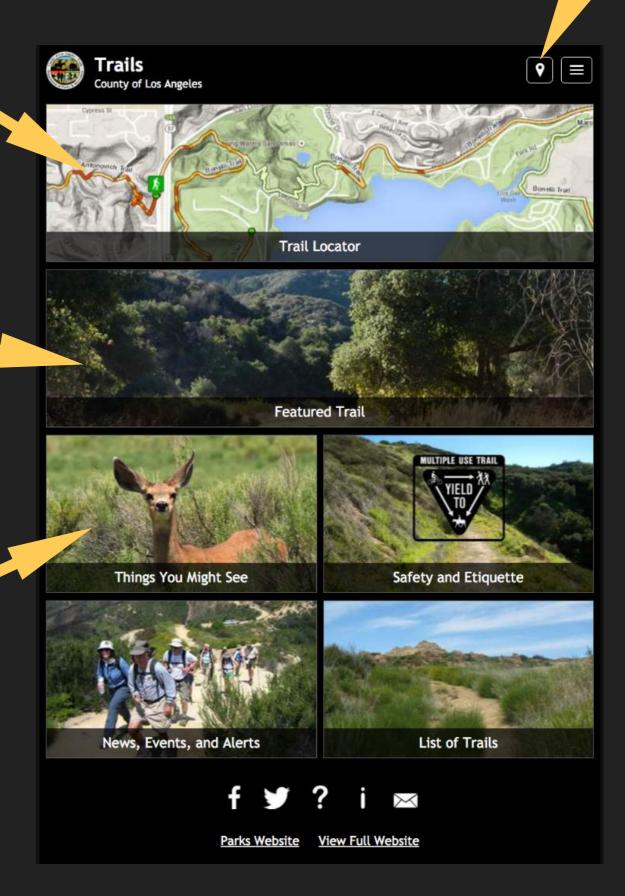
### OVERVIEW OF THE DESKTOP HOME PAGE

- Featured trail every month
- Search for a trail by city or zip, trail name, or park name
- Use the interactive map
- Create an account to rate and review trails
- Other information on preparedness, trail etiquette, events, FAQ, and relevant planning documents



## OVERVIEW OF THE MOBILE HOME PAGE

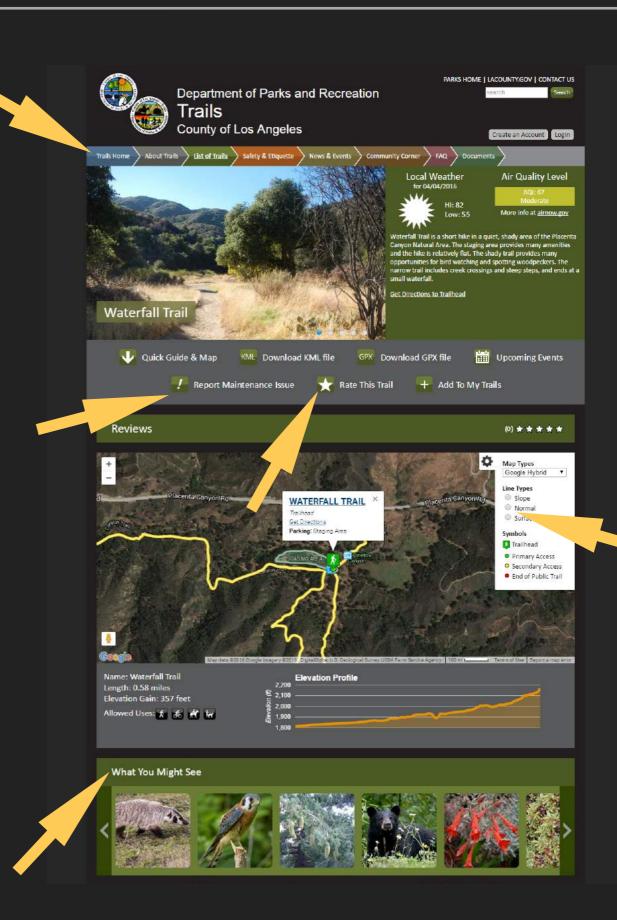
- Trail locator
- Featured trail
- Things you might see, safety and etiquette, news, events, and alerts, list of trails
- ...and more



### 2ND GENERATION REFINEMENTS

New features that allow users to:

- Rate trails
- Report trail maintenance issues
- Learn about native ecology
- Search by park name
- Added features to the interactive maps

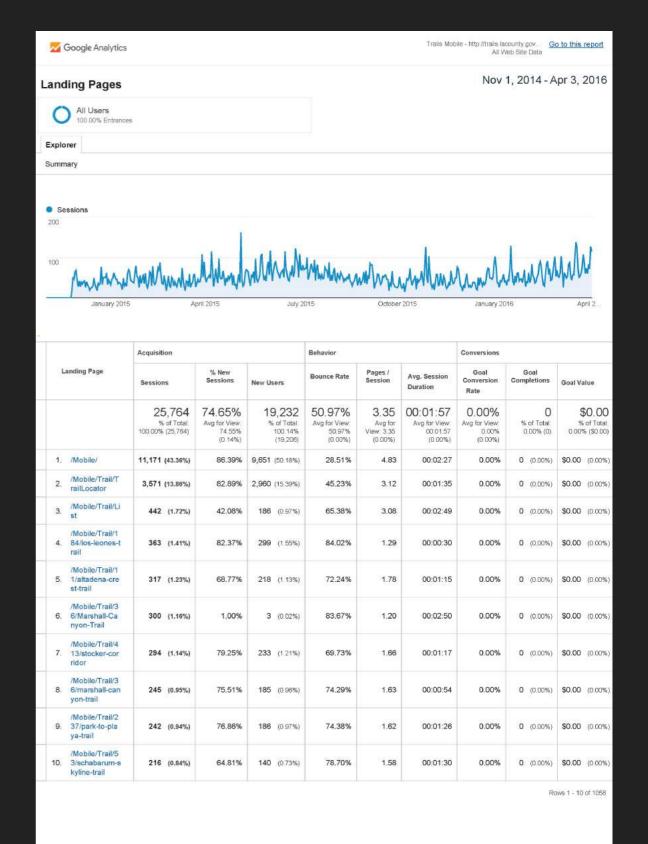


### TRACKING WEBSITE TRAFFIC

Since the 2014 launch, trails.lacounty.gov:

- Desktop site has received 29k sessions (53%)
- Mobile site has received 25k sessions (47%)

Traffic is low when compared to the Department's website





### LA COUNTY TRAILS

### LESSONS LEARNED

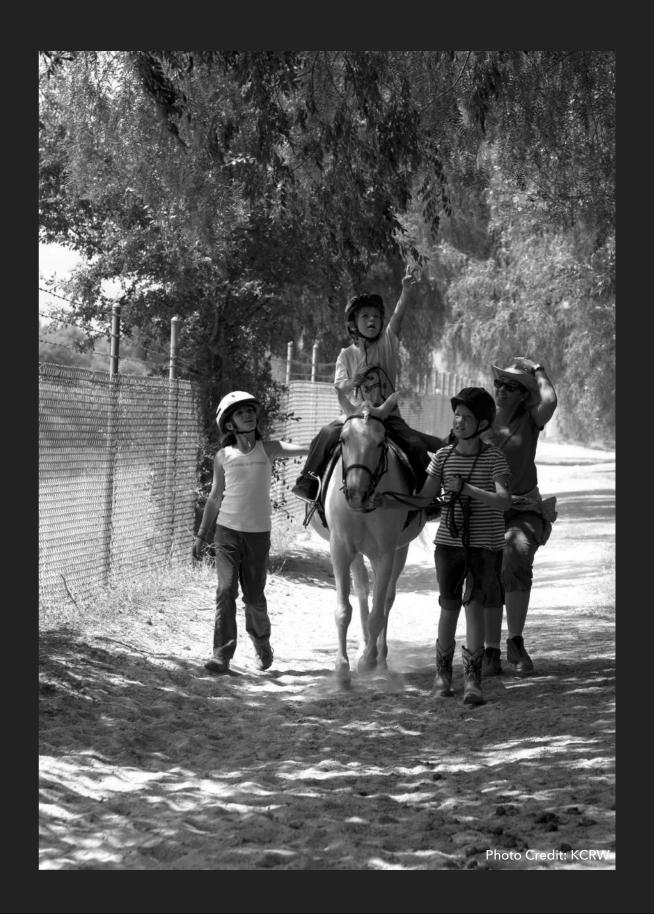
### MARKETING STRATEGY

No formal marketing strategy to-date, limited promotion has been made through:

- Board meeting presentation
- Press releases
- Department's social media channels

#### Recommended that we:

- Consider new strategies to promote the site through county channels, park signage, local businesses
- Seek out partner sites that would provide links to <u>trails.lacounty.gov</u> to increase traffic from referrals
- Invest resources into search engine optimatization



### ADDITIONAL PHOTOGRAPHY

Photos on the site typically don't show people actually using the trails.

Recommended that we get more pictures with people in them by:

- Utilizing the Department's photographer and county staff on a semi-regular basis
- Developing a program to encourage trail users to submit their own pictures to be posted



## EFFORTS TO BRING ON MORE PARTNERS

- Before launch, we made a significant effort to get trails from federal and state agencies, conservancies, and trusts on the website
- One-stop source for authorized trail information within the County of L.A.
- Develop a strategies to reach out to more local jurisdictions to join the trails website





### LA COUNTY TRAILS

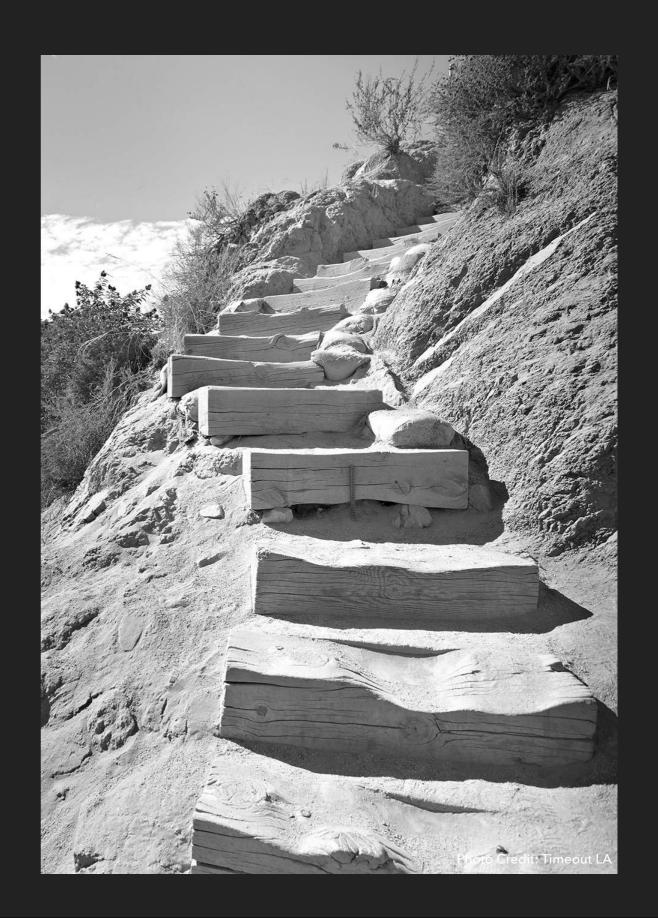
# DIRECTION MOVING FORWARD

# TECHNOLOGICAL TRENDS

Quickly changing and competitive marketplace for outdoor recreational apps

We needed to answer the following questions:

- What are the available options to reach more users? What are the advantages and disadvantages of each approach?
- Who is our target audience?
- How much are the initial development costs of a new or improved platform? How much will it cost to update and maintain?
- How long will it take to develop?



### FEASIBILITY STUDY: ASSESSING THE OPTIONS AVAILABLE

- A. Add functionality to existing desktop and mobile sites
- B. Create a fully-featured native app from scratch
- C. Develop an app using a minimum viable product approach
- D. Leverage the framework of other app developers

# OPTION A: ADD FUNCTIONALITY TO EXISTING DESKTOP AND MOBILE SITES

#### Advantages:

- Economical
- Low barrier to access
- Guaranteed compatibility

#### Disadvantages:

- Limited ability to accommodate all desired features
- Less desirable user experience
- Not discoverable on app store and google play



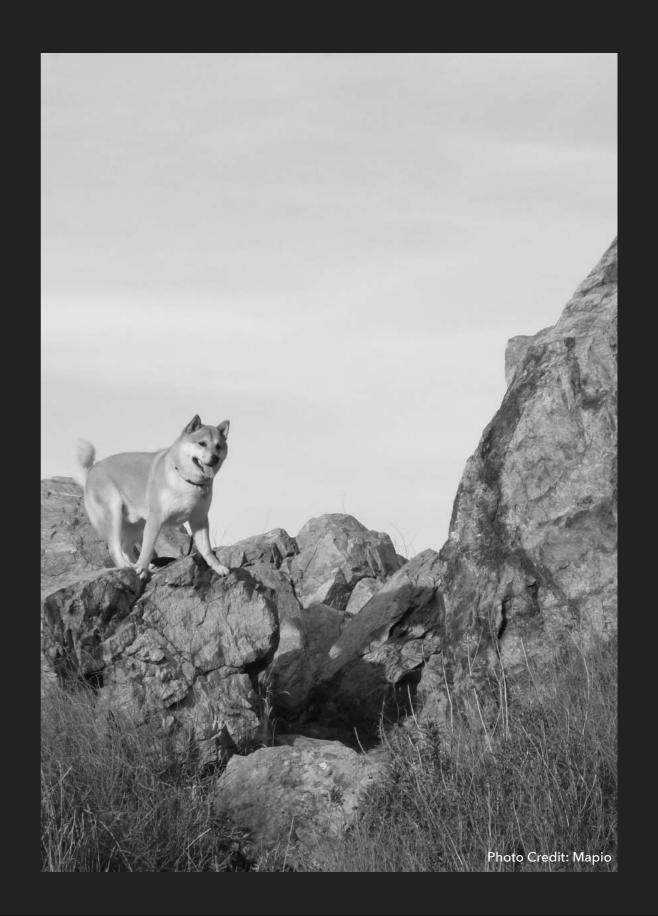
### OPTION B: CREATE A FULLY-FEATURED NATIVE APP FROM SCRATCH

#### Advantages:

- Endless possibilities to customize
- Discoverable on app store and google play Compatibility

#### Disadvantages:

- Relatively expensive
- User adoption uncertain
- Lengthy timeframe to develop



# OPTION C: DEVELOP AN APP USING A MINIMUM VIABLE PRODUCT APPROACH

#### Advantages:

- Economical
- Less risk for user adoption
- Learn from the directly from the users
- Improved metrics

#### Disadvantages:

- Initial launch will have limited features
- Costs could increase as it progresses



### OPTION D: LEVERAGE THE FRAMEWORK OF OTHER APP DEVELOPERS

#### Advantages:

- Economical
- Quick deployment
- Enables county to keep up with quickly changing technology

#### Disadvantages:

May require flexibility to integrate data into existing framework



### SUMMARY OF MAIN POINTS

- Goal is to make information about trails as accessible and user-friendly as possible
- Learned that there is tremendous room for growth with a strong marketing strategy and more partnering jurisdictions
- Looking forward, the County has many avenues to expand the reach of authorized trail information

