These are symbols that could be used to represent a trail that fully complies with Section 16.

ADA Consultants of Indiana, L.L.C.

QUALITY CONSULTING SERVICES

Nationally Certified Universal Trail Assessment Program

P.O. Box 248
Waynetown, IN 47990
765-234-2ADA (2232)
www.adaconsultantsofindiana.com

Contact Us!

Our trail assessments follow the Universal Trail Assessment Process, an objective procedure. This objective method of collecting trail data collection is performed by a certified trail assessment coordinator. Our staff at ADA Consultants of Indiana is proud to introduce our very own certified trail assessment coordinators ready to asses your trails: David Meihls and Levi Richter

What kind of trail surfaces and conditions can be assessed?

Almost any type of trail used by almost any user group can be assessed. These trails can include hiking, equestrian, mountain biking, beach, snowshoe, cross-country ski and motorized trails, including ATV, OHV, motorcycle and snow mobile.

What kind of trail surfaces and conditions can be assessed?

A variety of different trail surfaces, including concrete, asphalt, native soil, artificial surfaces and more difficult, rocky terrain often associated with front-county or backcountry trails are routinely assessed. Trails as narrow as 12" wide, on flat or steep terrain, with numerous natural or man-made steps an trail obstructions, including rocks, roots, and ruts are common as well as extreme conditions like those found in beach trails and snow covered winter recreation trails are within the scope of HETAP. Trails in any geographical area can be assessed. ,

What features can be cataloged?

Any features that may be a inventoried or displayed on a may can be assessed with t he HETAP. Typically, the size, material and quantity of many features on or off the trail are inventoried. Trail features typically include rocks, ruts, roots, steps and many others, including trail damage and recommendations for maintenance. Features outside the trail can include any type of trail amenity including signs, benches, restrooms, kiosks and more.

Data Assessment Vehicle

Typically a rolling measuring wheel vehicle or a cart is used for trail assessments. The rolling measuring wheel is used on narrow trails that are more rugged and rocky. The cart is used for urban or wider trails that are at least 24" wide. Both data collection vehicles contain a sensor box that records the grades and cross slopes of the trails. Magnets on the wheel keep track of trail distance and feature locations, A camera is attached that automatically records pictures along the trail. A non-survey grade GPS unit collects latitude and longitude coordinates, the assessment tools can also be mounted on an ATV to more quickly inventory motorized trails.

Trail Assessment & Mapping Services

With certified Universal Trail Assessment Coordinators, ADA Consultants of Indiana can conduct trail assessments for a wide variety of motorized an non-motorized trail systems. Whether ADA Consultants of Indiana, LLC assesses the trails, or existing trail data is provided, out graphic designers can create customized trail signage maps or Trail Access Information Strips for any park or management area.

What is Trail Access Information (TAI)?

Trail Access Information is the key trail information that is assessed on trails. A valuable addition to any trail system, this objective information includes allowed uses, lengths, tail grade, cross slope, width, surface, type and obstructions, This information enables people to more easily determine which trails will satisfy their interests and abilities, creating a safer more enjoyable trail experience for all user groups and abilities.

A trail inventory also enables land managers to objectively and efficiently keep track of information about their trails, helping define budget needs, management goals and maintenance strategies for the trial systems.

Comanche Loop
Comanche Lookout Park

Length	0.8 mi (1.3 km)
Elev Gain	78 ft (23.9 m)
Elev Loss	57 ft (17.2 m)

Hikers

Bikes

Dogs on Leash

No Motorized Vehicles

Grade

Typical Grade	3.3%
18% of trail is	5% to 8.3%
94 ft (28.5 m) is	9% to 12%
Standard Ramp Grade	8.3%

Cross Slope

Typical Cross Slope	2.0%
16% of trail is	3% to 5%
201 ft (61.3 m) is	6% to 9%

Tread Width

Typical	94 in (237 cm)
Minimum	72 in (182 cm)

Surface

Surface Type	Spalled Concrete
77% of trail is	Paved
23% of trail is	Hard

WARNING: Trail conditions may have changed since March 2011 when this trail was assessed. Temporary obstacles were not mapped.

Scan to view online map of Comanche Lookout Park!

Signage created by Beneficial Designs Inc. using data collected by a certified trail assessment coordinator.

Funded by:
METRO HEALTH
Balance
Communities Putting Prevention to Work.

TRAIL ACCESS INFORMATION
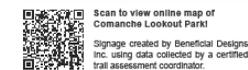
What kind of Trail Signage can be created?

ADA Consultants of Indiana, LLC routinely creates panel trail maps and TAI Strips that can be posted at trailheads or at key points along trails. Panel trail maps display an overhead view of trails with important trail features located in a park or region with or without satellite imagery. Each map indicates the allowed trail users and contains symbols representing key areas, obstacles or other hazards, making the layout of the trail area clear and understandable. Trail Access Information is displayed on every map for each main trail information to provide a safe and satisfying hiking experience. Standard trail map dimensions are vertical or horizontal 18" x 24" or 24" x 36", but almost any size can be accommodated,

TAI Strips are typically 3 1/8" wide and 24" long, and are posted on a carsonite backing, optionally bolted to a wooden post. Designed to resemble a Nutrition Food Facts Label, these strips include all the vital facts needed for hiking each main trail in the trail system. The patriotic TAI Strips begin with the trail name and park name placed beneath the American Flag. Below the flag is the trail length and allowed trail user groups with unique symbols for each user group. Next, information is clearly presented concerning trail grade, cross slope, tread width, surface characteristics, and possible obstructions. QR codes can be added to direct trail users immediately to an online map or other important information via a smart phone.

Simple, one-page trail summary handouts can be created; these handouts can be displayed with other information about the management area at a visitor's center or information booth. Pocket foldout trail maps and grade profile maps are additional products that can be generated for trail users to carry with them on the trails. These pocket maps can contain various amounts of additional information about the tail or tail facilities.

Finally, trail management entities are encourage to post trail maps and summaries on their web sites. Trail Access Information can also be uploaded onto the TrailExplorer.org web site, a Trail Information web site.