

Interagency Trail Data Standards: Trail Data Attributes
The Data Attributes Needed to Answer Core Questions

Version 1.1 4/28/2004

Developed by the Interagency Trail and NHT Data Standards Teams
10/2002 - 4/2004

Attribute Name	Attribute Definition	Core Question Applies To*					Notes	Tabular Display	Spatial Display	Overlap Allowed? ***
		Reg. Trail	NST	NHT ¹ (Desig)	NHT ² (HR)	NHT ³ (Rec)				
Metadata (Common to all Data Attributes)										
DATE RECORD CREATED	The date that the basic trail record was created.	X	X	X	X	X		X	NA	No Overlap Allowed
DATE RECORD UPDATED	The date that the basic trail record was last updated.	X	X	X	X	X		X	NA	No Overlap Allowed
MILEAGE SOURCE	The source of the measure points recorded for the route segment.	X	X	X	X**	X**		X	NA	No Overlap Allowed
Basic Trail Information										
TRAIL NAME	The name that the trail or trail segment is officially or legally known by.	X	X	X	X	X		X	X	No Overlap Allowed
TRAIL NUMBER	The official numeric or alpha numeric identifier for the trail.	X	X	X		X		X	X	No Overlap Allowed
INTERAGENCY TRAIL IDENTIFIER	<i>Standardized (background) trail identifier for connecting/linking trail records at agency boundaries.</i>	(X)	(X)	(X)		(X)	<i>Will serve as primary identifier for linking trail records across agency boundaries. Pending development/resolution in conjunction with existing FGDC and agency standard.</i>	(X)	(X)	<i>No Overlap Allowed</i>
TRAIL STATUS	Current physical state of being of the trail or trail segment.	X	X			X		X	X	No Overlap Allowed
LENGTH	The length of the trail or trail segment in miles.	X	X	X	X**	X**		X		No Overlap Allowed
SHARED SYSTEM	Additional network(s) of travelways serving a common need or purpose; managed by an organization with the authority to finance, build, operate and maintain the routes. (One or more Shared Systems may be identified per trail or trail segment.)	X	X	X	X**	X**	Note for BLM, need to make sure "Shared System" not confused with shared use.	X	X	Allow Multiple Entries
TRAIL SURFACE	The predominant surface type the user would expect to encounter on the trail or trail segment.	X	X			X		X	X	No Overlap Allowed
Trail Administrative Unit & Location										
AGENCY	Agency or entity responsible for the land on which the trail segment exists.	X	X	X	X	X		X	X	No Overlap Allowed
ADMIN ORG	The federal administrative unit where the route segment physically resides.	X	X	X	X	X	This attribute is paired with the umbrella attribute "Agency", and identifies the specific unit/district/park within that agency.	X	X	No Overlap Allowed
MANAGING AGENCY	Agency that has long-term responsibility for management of the trail or trail segment.	X	X	X	X	X	In this context, "management" includes the planning, management, funding and the on-the-ground construction and maintenance of the trail. Managing Org usually is the same as Admin Org, but not always (as in the case of trails meandering across agency or unit boundaries, where an agreement has been established for one entity to take lead management responsibility for the trail).	X	X	No Overlap Allowed
MANAGING ORG	The unit that has the long-term responsibility for the management of the trail.	X	X	X	X	X	This attribute is paired with the umbrella attribute "Managing Agency", and identifies the specific unit/district/park within that Managing Agency.	X	X	No Overlap Allowed
CONGRESSIONAL DISTRICT	U.S. congressional district number in which the trail segment physically resides.	X	X	X	X	X		X	X	No Overlap Allowed

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		Reg. Trail	NST	NHT ¹ (Desig)	NHT ² (HR)	NHT ³ (Rec)				
COUNTY	County, borough or parish in which the route segment physically resides.	X	X	X	X	X	If County not applicable, default to Not Applicable.	X	X	No Overlap Allowed
<i>GEOLOCATION</i>	<i>The physical location of the trail in terms of established geolocation reference points (i.e. Lat/Long, UTM, etc.) (under development)</i>	(X)	(X)	(X)	(X)	(X**)	<i>Pending development/resolution in conjunction with existing FGDC and agency standards for GIS trail spatial data. (Corresponding attribute(s) not included at this time for internal interagency review.</i>	(X)	(X)	<i>(under development)</i>
JURISDICTION	The legal right to control or regulate use of a trail. Jurisdiction requires authority, but not necessarily ownership. The authority to construct or maintain a trail may be derived from fee title, an easement, an agreement or some other similar method.	X	X	X	X	X	Most commonly Trail System and Jurisdiction will match, but not always. There are situations where the agency may not have ownership, but does have Jurisdiction (which in loose terms means responsibility for the management of the road/trail).	X	X	No Overlap Allowed
MUNICIPALITY	City, town or community that is adjacent to or nearby the trail.	X	X			X	Recorded as point of reference and/or source of local services.	X	X	No Overlap Allowed
STATE	State (or Territory) where the trail or trail segment exists.	X	X	X	X	X		X	X	No Overlap Allowed
Trail Management and Use										
TRAIL SYSTEM	The travel network to which the trail or trail segment belongs.	X	X	X	X**	X**		X	X	No Overlap Allowed
ROAD SYSTEM	The road network to which the trail or trail segment belongs, in the case of trails occurring on system roads.	X	X	X	X**	X**	Only apply if applicable, when a trail occurs as a Shared System along a road.	X	X	No Overlap Allowed
LAND USE PLAN	The agency planning document that provides management guidance.)	X	X	X	X	X	Document plan name and decision date in Remarks Column	X	NA	Allow Multiple Entries
PRIMARY TRAIL MAINTAINER	The agency or group having primary maintenance responsibility for the trail.	X	X			X	Usually the same as Managing Org, but can include trail user groups, volunteers, communities, etc.	X	X	No Overlap Allowed
TRAIL CLASS	The prescribed scale of trail development. Represents the intended design and management standards of the trail. (Refer to the National Trail Management Class Matrix.)	X	X			X	Develop recommendation for interagency adoption.	X	X	No Overlap Allowed
DESIGNED USE	The intended use that controls the desired geometric design of the trail, and determines the subsequent maintenance parameters for the trail. (One Designed Use per trail or trail segment)	X	X			X	Agreement to provide Designed Use data on all trails, except those NHT's that are not managed for recreation trail traffic. Each agency will use own technical specs for identified Designed Use.	X	X	No Overlap Allowed
MANAGED USE	The mode(s) of travel that are <u>actively managed</u> and appropriate, considering the design and management of the trail. (One or more Managed Uses may be identified per trail or trail segment.)	X	X			X	Interagency agreement to provide Managed Use data on all trails, except those NHTs that are not managed for recreational trail traffic.	X	X	Allow Multiple Entries
MOTORIZED PROHIBITED	Motorized use is prohibited <u>yearlong</u> along the trail.	X	X			X	Note: Do not record conflicting data between Managed Use and Motorized Prohibited.	X	X	No Overlap Allowed
PROHIBITED USE	<u>Mode of travel</u> prohibited by official legal order. Applicable CFR is cited and implemented through appropriate enforcement, restriction devices, and signing.	X	X			X		X	X	Allow Multiple Entries

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ACCESSIBILITY STATUS	Accessibility guideline compliance status for trail segments that are actively managed for pedestrian use.	X	X			X	Per current agency Accessibility Guidelines	X	X	No Overlap Allowed
Trail Management Considerations										
HISTORIC SIGNIFICANCE	The officially recognized historic significance of the trail segment, per evaluation criteria for the National Register of Historic Places.	X	X		X	X	Applies to Historic and Prehistoric.	X	X	No Overlap Allowed
NATIONAL TRAIL DESIGNATION	The national designation assigned to the trail or trail segment. This includes designations for National Historic, Scenic, and Recreation Trails; Side or Connecting Trails; National Millennium Trails; and National Legacy Trails.	X	X	X	X	X	NRT's are hand-entry (list very extensive and not static)	X	X	Allow Multiple Entries
RIGHTS-OF-WAY	Right of ways, permits, easements that exist or are needed along the trail.	X	X	X	X	X	Populate only if applicable.	X	X	No Overlap Allowed
SPECIAL MGMT AREA	Land area, that may be of special management concern or interest, through which the trail or trail segment crosses.	X	X	X	X	X		X	X	Allow Multiple Entries
Trail Condition & Cost										
COST ANNUAL/CYCLIC MAINTENANCE	Annual or cyclic cost of work performed to maintain serviceability, or to repair failures during the year in which they occur. Includes preventive and/or cyclic maintenance performed in the year in which it is scheduled to occur.	X	X			X	Each agency use own costing approach and be able to justify. No intent at developing interagency costing approach.	X	NA	No Overlap Allowed
COST ANNUAL/CYCLIC OPERATIONS	Annual or cyclic cost of operational activities related to the normal performance of the functions for which a fixed asset or component is intended to be used.	X	X			X	Costs such as utilities (electricity, water, sewage), fuel, janitorial services, window cleaning, rodent and pest control, upkeep of grounds, vehicle rentals, waste management, and personnel costs for operating staff are generally included within the scope of operations and are not considered maintenance costs.	X	NA	No Overlap Allowed
COST DEFERRED MAINTENANCE	Costs resulting from maintenance that was not performed when it should have been or when it was scheduled and which, therefore, was put off or delayed for a future period.	X	X			X		X	NA	No Overlap Allowed
COST LAST UPDATED	Fiscal year that cost data was last updated.	X	X			X		X	NA	No Overlap Allowed
COST IMPROVEMENT/ CONSTRUCTION	Cost of construction, installation, or assembly of a new fixed asset, or the significant alteration, expansion, or extension of an existing fixed asset to accommodate a change of purpose.	X	X			X		X	NA	No Overlap Allowed
TRAIL CONDITION	The physical status of the existing trail.	X	X			X		X	X	No Overlap Allowed
Additional NST and/or NHT Basic Information (Attributes recorded only to NHTs and NSTs)										
NHT/NST TRAIL ADMINISTRATOR	The agency specifically charged with trailwide coordination of National Trail System Act provisions for a designated NST or NHT by the Secretary of Interior or Agriculture.		X	X		X	Populate only if applicable. Per the National Trails System Act, one Trail Administrator is officially assigned for each NST or NHT by the Secretary of Interior or Agriculture.	X	NA	No Overlap Allowed
VISITOR CENTER NAME	<i>The name of the visitor center that exists specifically to provide NHT or NST-related information and interpretation.</i>		(X)	(X)		X	<i>Pending consideration, definition, development by RecOneStop Team.....</i>	(X)	(X)	

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VISITOR FACILITY ACTIVITIES	Pending		(X)			(X)	Optional for all other trails (information can be determined through other existing attributes.)	(X)	(NA)	Allow Multiple Entries
VISITOR FACILITY CONTACT INFORMATION	Pending		(X)	(X)		(X)	Pending consideration, definition, development by RecOneStop Team.....	(X)	(NA)	(pending definition by RecOneStop Team)
VISITOR FACILITY LOCATION	Pending		(X)	(X)		(X)	Pending consideration, definition, development by RecOneStop Team.....	(X)	(X)	No Overlap Allowed
VISITOR FACILITY TYPE	Category of facility that accommodates visitor activities or provides visitor amenities.		(X)	(X)		(X)		(X)	(X)	Allow Multiple Entries
NHT Heritage Resource Information (Attributes applicable <u>only</u> to NHT routes or associated heritage resource sites)										
TYPE OF ROUTE	The type of transportation route.			X	X**	X**	NHTs: Needed to determine route type (road or trail) for NHT ¹ , NHT ² , and/or NHT ³ . Optional for all other trails (information can be determined through other existing attributes.)	X	X	Allow Multiple Entries <i>(Route may function as Road in summer and Snow Trail in winter.)</i>
TYPE OF SITE	Type of site.			X	X	X**	NHTs: Needed to determine heritage resource site type for NHT1, NHT2, and/or NHT3. Not applicable for all other trails.	X	X	No Overlap Allowed
NHT AUTO-TOUR SURFACE	The predominant surface type the user would expect to encounter on the road or road segment of the NHT Auto-Tour route.			X		X	Applicable for NHT Auto Tour Routes.	X	X	No Overlap Allowed
NHT CERTIFICATION STATUS	Status of NHT certification agreement for the trail segment on non-federal land.			X				X	X	No Overlap Allowed
NHT CONDITION CATEGORY	Interagency classification category designed to assess the comparative character of visible trail remnants of the NHT at the time of mapping.				X		<i>(See Draft NHT Condition Category Document</i>	X	X	No Overlap Allowed
NHT HIGH POTENTIAL SEGMENT	NHT trail segment that has been identified as a NHT High Potential <u>Segment</u> as defined in the NHT Comprehensive Plan.			X			<u>Populate only if applicable.</u>	X	X	No Overlap Allowed
NHT HIGH POTENTIAL SITE	NHT-associated heritage resource site that has been identified as a NHT High Potential <u>Site</u> as defined in the NHT Comprehensive Plan.			X			<u>Populate only if applicable.</u>	X	X	No Overlap Allowed
NHT PUBLIC USE SEGMENT	NHT trail <u>segment</u> that is currently managed for public use, appreciation and/or viewing.			X	X	X	<u>Populate only if applicable.</u> Applicable only to NHT trail segments that have been preserved and/or developed, and are currently managed for public use, appreciation or viewing.	X	X	No Overlap Allowed

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NHT PUBLIC USE SITE	NHT-associated heritage resource <u>site</u> that is currently managed for public use, appreciation and/or viewing.				X	X	Populate <u>only if applicable</u> . Applicable only to NHT-associated heritage resource sites that have been preserved and/or developed, and are currently managed for public use, appreciation or viewing.	X	X	No Overlap Allowed
NHT SITE NAME	Name of the heritage site associated with a National Historic Trail.				X	X	Populate <u>only if applicable and/or available</u> . Applicable only to heritage sites associated with a National Historic Trail.	X	X	No Overlap Allowed
NHT SITE NUMBER	Agency identifier for a heritage resource that is thematically associated with a National Historic Trail.			X	X	X	Populate <u>only if applicable</u> . Applicable only to heritage sites thematically associated with a National Historic Trail.	X	X	No Overlap Allowed
NRHP CRITERIA	Guideline(s) used to determine historic resource qualifications for listing in the National Register of Historic Places.				X	X		X	NA	Allow Multiple Entries
NRHP PROPERTY CATEGORY	Categories of historic properties as identified in the National Register of Historic Places.				X	X	This attribute <u>applies only to</u> historic resources that are Eligible or Listed on the NRHP.	X	X	No Overlap Allowed

* The type of trail (or aspect of an NHT) that the Core Question applies to :

Regular Trail: Any agency-managed trail that is not a designated NST or NHT

NST: National Scenic Trail (Congressionally Designated)

NHT¹ (Desig): Route/s congressionally designated as the National Historic Trail

NHT² (HR): NHT-associated heritage resources (routes and/or sites)

NHT³ (Rec): NHT-associated recreation or interpretive route and/or site

** Applicable to associated NHT heritage resource route or NHT recreation/interpretive route (trail or road). Not applicable to associated NHT sites.

*** Allow entry of multiple or overlapping attribute/LOV codes per trail segment.

(Example: For any particular stretch of trail, that portion of trail is located in only one County at that location, while that same location on the trail may have one or more Managed Uses. Therefore, the data attribute for County does not allow "overlap"-- only one County may be recorded for that specific location (either the trail segment, or entire trail if applicable). The data attribute for Managed Use does allow the entry of multiple attributes, if applicable, for any given stretch of trail.)

Color Coding:

Attribute applicable to all system trails (except NSTs and NHTs)
Attribute applicable <u>only</u> to National Scenic Trails (NST)
Attribute applicable <u>only</u> to National Historic Trails (NHT)
Recommended for Interagency Adoption