

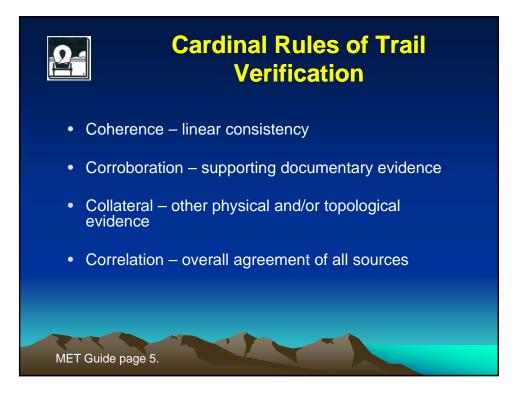
	Trail Terminology
Trace	General term for any original trail remnant.
Depression	Shallow dip in the surface, often very faint and difficult to see.
Swale	A depression, but of deeper dimensions and with sloping sides.
Rut	Deep depression, without a center mound and having steep sides.
MET Guide pag	e 16.

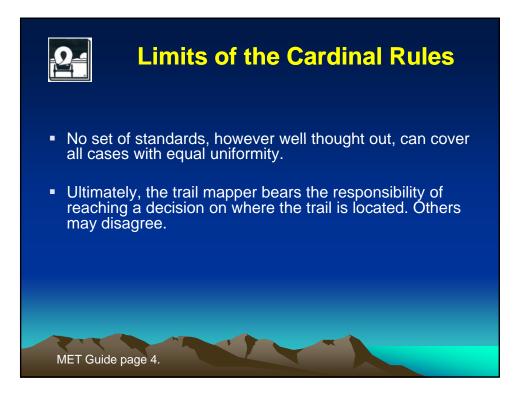


_	Trail Terminology
Erosion Feature	A trace of any sort that has been deepened and altered by subsequent wind and/or water action. Sides and bottom often irregular.
Track	Visible trace caused by compacting of surface or discoloration due to salt evaporation on alkali flats. Little or no depression. Often seen as streaks across an alkali flat.
Scarring	Irregularly wide flat surface, devoid of vegetation, that no longer shows any wagon depressions or swales. Often seen trailing through sagebrush flats in an uneven pattern.
Two-track	Parallel wheel tracks separated by center mound. Typically an unimproved ranch road used by motor vehicles.
Improved Road or	Bladed, graded, crowned, gravelled, oiled, or blacktop roads usually having side berms, curbs or gutters.
Secondary Road	application operations











Reliability of Evidence

Generally, the closer in time the evidence is to the event, the more reliable it is.

- Written eyewitness accounts, if specific
- Remaining physical evidence
- General Land Office (GLO) cadastral surveys (earliest)
- Topographic limitations
- Reports and railroad surveys
- Early maps
- Recent documentation

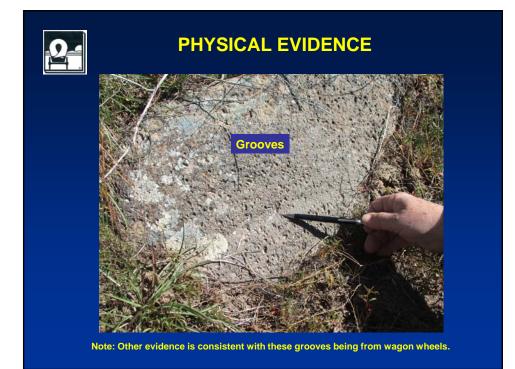
MET Guide pages 4 through 7.



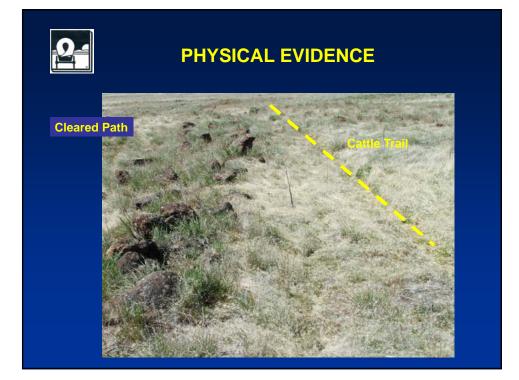
Guidelines for Locating Trails

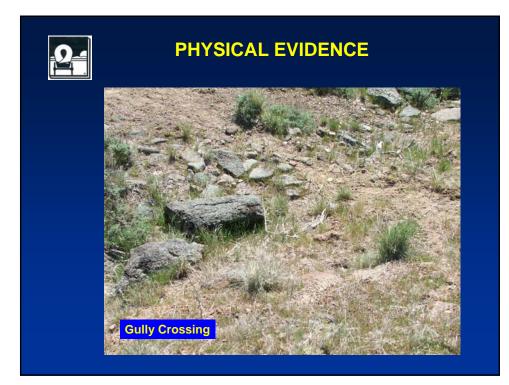
- Trails often follow ridgelines, not ravines or gullies
- Direct ascent of hills with resultant high erosion
- Multiple crossing of gullies and washes
- Trails avoided rocky terrain
- Spread out (parallel tracks) in alkali areas
- Swales and ruts more indicative of wagon trails than two tracks
- Artifacts may be concentrated at difficult points
- Rocks moved out of the trail path; broken rocks within trail corridor
- Varied vegetation growth
- Rust marks on granite; grooves on other stone
- Tree blazes and rub marks
- OCTA, BLM, NPS and other markers ©

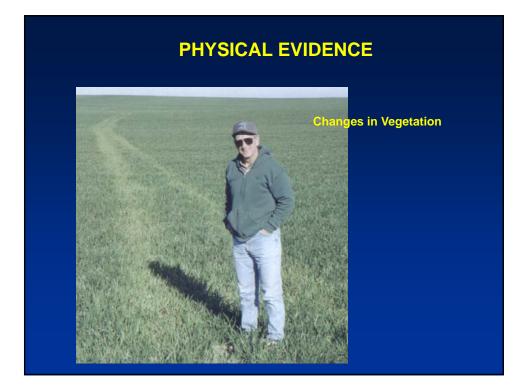
MET Guide pages 7 through 10













Coherence and Correlation

Composite Methodology

- Individually, the previous examples would not suffice to prove the presence of a trail.
- Collectively the provide strong evidence of a wagon road (but not necessarily an emigrant trail).
- What was the wagon road?
 - Emigrant trail
 - Stage road
 - Freighting road
 - Early highway





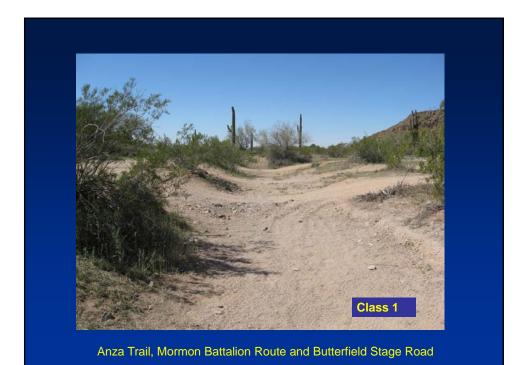
Class 1: Unaltered Trail Symbol: (1)

Description: The trail retains the essence of its original character and shows <u>no evidence of</u> <u>having been either impacted by motor vehicles</u> or altered by modern road improvements. There is visible evidence of the original trail in the form of depressions, ruts, swales, tracks, or other scars, including vegetative differences and hand-placed rock alignments along the trailside.

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Big Sandy Swales Class 1 (Class 2 within trail corridor)



<image>



Class 2: Used Trail Symbol: 2

Description: The trail retains elements of its original character but <u>shows use by motor</u> <u>vehicles</u>, typically as a two-track road overlaying the original wagon trail. There is little or no evidence of having been altered permanently by modern road improvements, such as widening, blading, grading, crowning, or graveling. In forested areas the trail may have been used for logging but still retains elements of its original character.

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Note: Parallel trails in the area, some of which are Class 1.

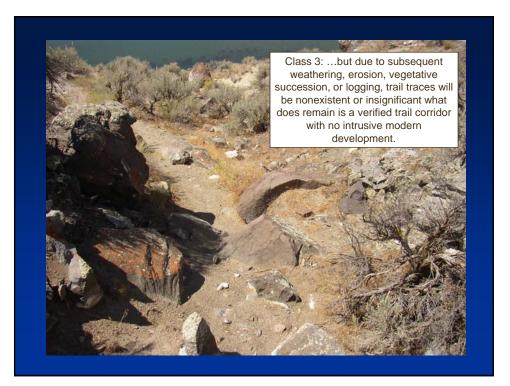


Class 3: Verified Trail

Symbol:③

Description: The trail route is <u>accurately located and</u> <u>verified</u> from written, cartographic, artifact, topographical, and/or wagon wheel impact evidence (as rust, grooved, or polished rocks), but due to subsequent weathering, erosion, vegetative succession, or logging, <u>trail traces will</u> <u>be nonexistent or insignificant</u> what does remain is a verified trail corridor with no intrusive modern development. Typically this includes trails that once passed through forests and meadows, across excessively hard surfaces or bedrock (such as on ridges), over alkali flats and sandy soil, and through ravines or washes.

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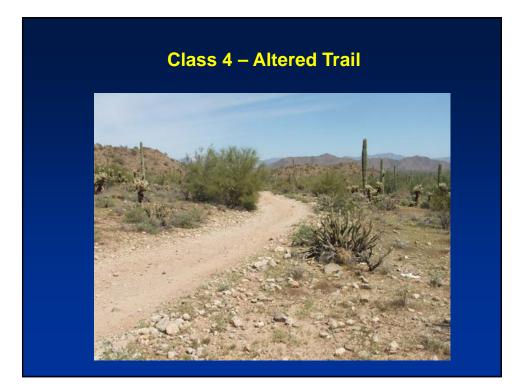




Class 4: Altered Trail Symbol: ④

Description: The trail <u>location is verified</u> but elements of its original condition have been <u>permanently altered</u>, <u>primarily by road</u> <u>construction</u>, <u>such as widening</u>, <u>blading</u>, <u>grading</u>, <u>crowning</u>, <u>graveling</u>, <u>or paving</u>. In some cases, the original trail has been permanently altered by underground cables and pipelines.

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Class 2 and Class 4 (Beyond Fence)





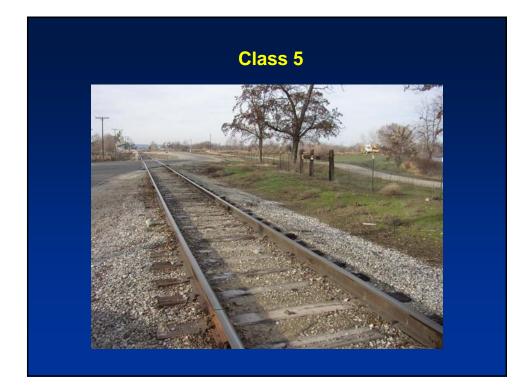
Trail Classifications

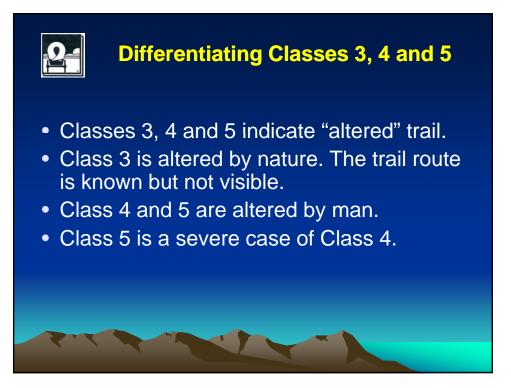
Class 5: Approximate Trail

Symbol:(5)

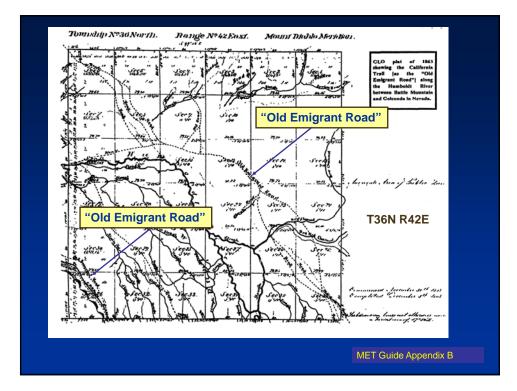
Description: The trail is either so <u>obliterated</u> or unverifiable that its location is known only approximately. In many cases, the trail has been destroyed entirely by development, such as highways, structures, agriculture, or utility corridors. In others, it has been inundated beneath reservoirs, in some, there is not enough historical or topographic evidence by which to locate the trail accurately. Thus, only the approximate route is known.

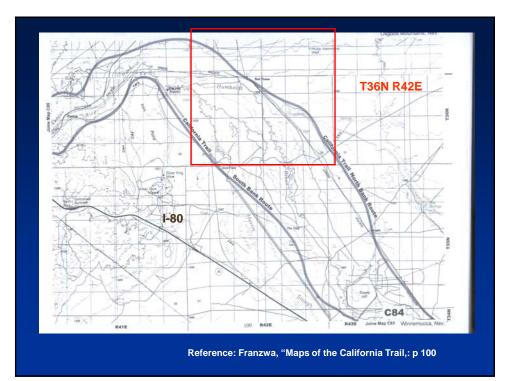
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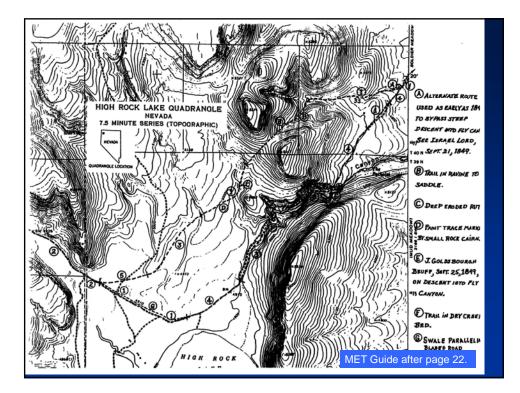


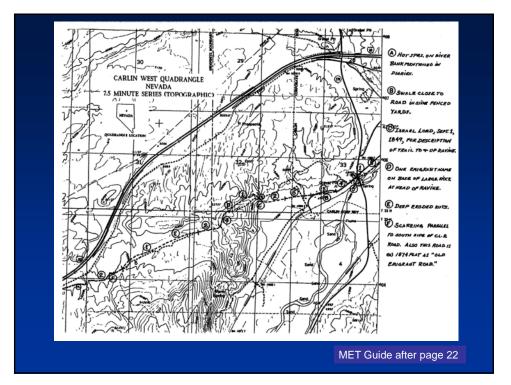




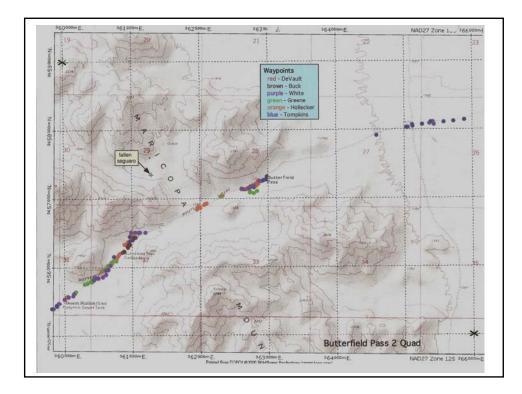




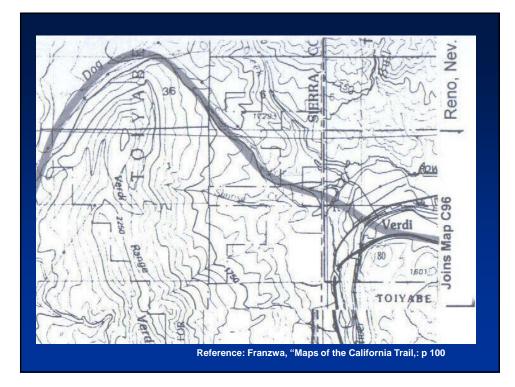


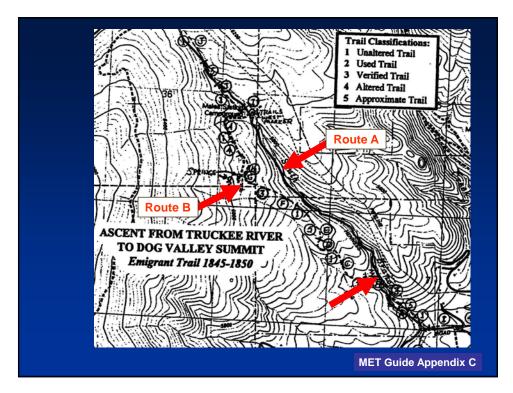


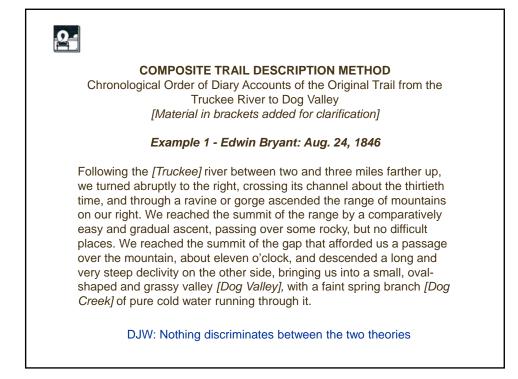


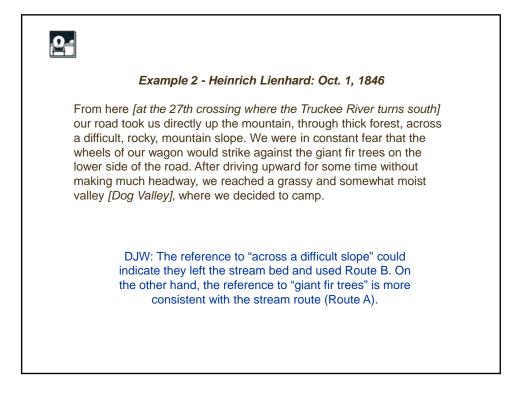


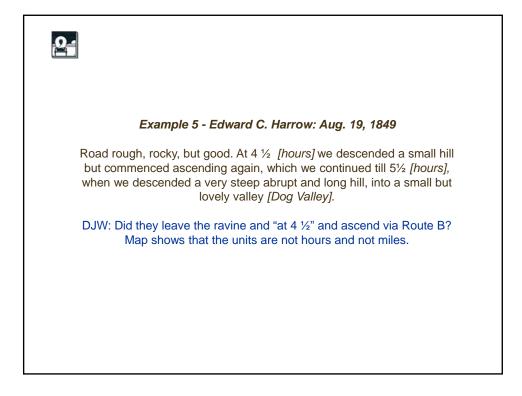


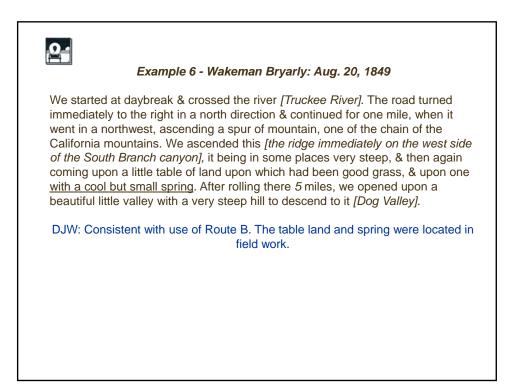


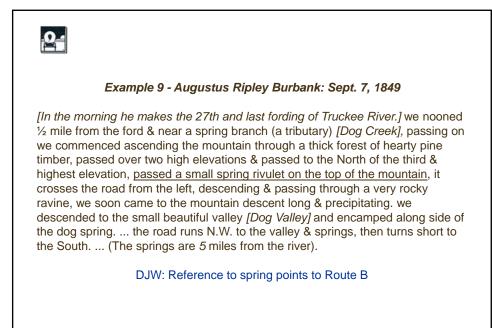


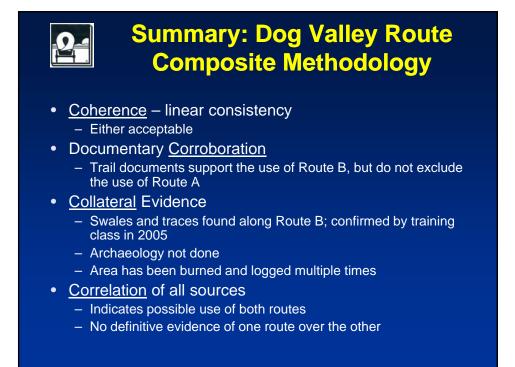














Summary - Mapping

- Principles
 - Probability
 - Analogy
- Cardinal Rules
 - Coherence
 - Corroboration
 - Collateral
 - Correlation
- Guidelines and Indicators for Locating Wagon Roads
- Tools
 - GLO maps
 - USGS maps
 - Trail documents
 - Other research
 - Aerial photographsGPS



