

New York – New Jersey Trail Conference
Digital Map Standards

General Standards

1. Size- No standard but size of a sheet to Tyvek needs to be taken into account
2. Scale- Variable up to 1:64000
3. Insets- When necessary due to high density or volume of trails
4. Legend Box- Should include:
 - a. Map Scale Bar and written approximate scale
 - b. Boundaries
 - c. TC Logo
 - d. Trail Type including blaze color
 - e. Major features- Views, water, towers, shelters, parking, bus stops, KO,
 - f. Declination
 - g. North arrow
 - h. UTM datum
 - i. Hunting designation
5. UTM Grid
6. Contour lines- Variable spacing based on map scale
7. Land Ownership- when necessary in shades of green
8. Restricted areas- shaded gray

Specific Standards

1. No Hunting Zones- suggest 2.5 pt. Background when necessary
2. Roadways- Any roadway with an exit number should have word “Exit #”.
3. Gas Lines- Should be shown separately from power lines and use a triangle
4. Keep Out- Use red color, reduce in size to 25%.
5. Proposed Trails- Include when trail in question will be completed before the print run of the map is exhausted. The word “Proposed” will be included alongside the trail.
6. Gates- When vehicular access is blocked, shown on the map as a line crossing the road with the word “Gate”.
7. No internal park boundaries should be shown unless meaningful to the hiker.
8. Points of interest to be included with a dot and the name.
9. Use of elevation coding is eliminated. Hill shading is to be retained.
10. The following general specifications should be followed:

Entity	Color	Style
Public Land Boundaries	Green (C=100 Y=100)	NJ Map standard
Major Contour Lines	Special	0.5pt solid
Minor Contour Lines	Special	0.25pt solid
Park No Hunting Zones	Black fill, Green border (C=100 Y=100)	Open dot pattern
Water Lines	Mid Blue (C=80 M=40)	0.5pt solid

Swamp	Mid Blue (C=80 M=40)	Swamp Pattern
Water Bodies	Light Blue (C=30 M=10)	Solid fill, no borders
Ditches and canals	Mid Blue (C=80 M=40)	0.5pt dashed 6pt 1.5pt
Shorelines	Mid Blue (C=80 M=40)	0.5pt solid
State boundaries	Black	2pt dashed 20 pt 2pt 2pt 2pt
Railroads	Black	0.25pt solid overlay 3pt dashed 15pt
Class 5 roads and trails	Black	0.5pt dashed 3pt 1pt
Class 4 Roads	Black	0.5pt solid
Class 3 Roads	Black	1.0pt solid
Class 2 Roads	Black	1.5pt solid
Class 1 Roads	Red (M=100 Y=100) over Black	1pt solid over 2pt solid
Runways and Taxiways	Black	0.5pt solid outline
Power Lines	Black	0.25pt dashed 4pt 1pt plus squares
Official marked trails	Red (M=100 Y=100)	2pt Solid
Proposed trails	Red (M=100 Y=100)	2pt dashed 2pt 1.5pt
Unmaintained trails	Red (M=100 Y=100)	2pt dashed 4pt 1pt
UTM Grid lines	NJ Blue	0.375 pt solid
Trail Text	Red (M=100 Y=100)	Gill Sans 8pt all caps
UTM Grid Text	Mid Blue (C=80 M=40)	Gill Sans 8pt and 6pt
Water feature text	Mid Blue (C=80 M=40)	ITC Galliard Italic from 8pt
Road names	Black	Gill Sans Italic all caps 6pt
Smaller Feature names	Black	Gill Sans 6pt
Larger Feature names	Black	Gill Sans all caps 8pt or larger
Place Names	Black	ITC Galliard 8pt
Park Names	Black	ITC Galliard all caps from 8pt
Trail Symbols, Road Markers	from symbol file	from symbol file

Map Backs

1. Use current style and font
2. Include based on map relevance:
 - a. About our Organization
 - b. Regulations
 - c. Cautions and Emergencies
 - d. Permits and Fees
 - e. Leave no Trace
 - f. Credits
 - g. Disclaimer

Panel

1. Include Locator Map
2. Marketing on 1 panel of whole set
3. About our organization

4. ISBN w/code
5. TC Logo