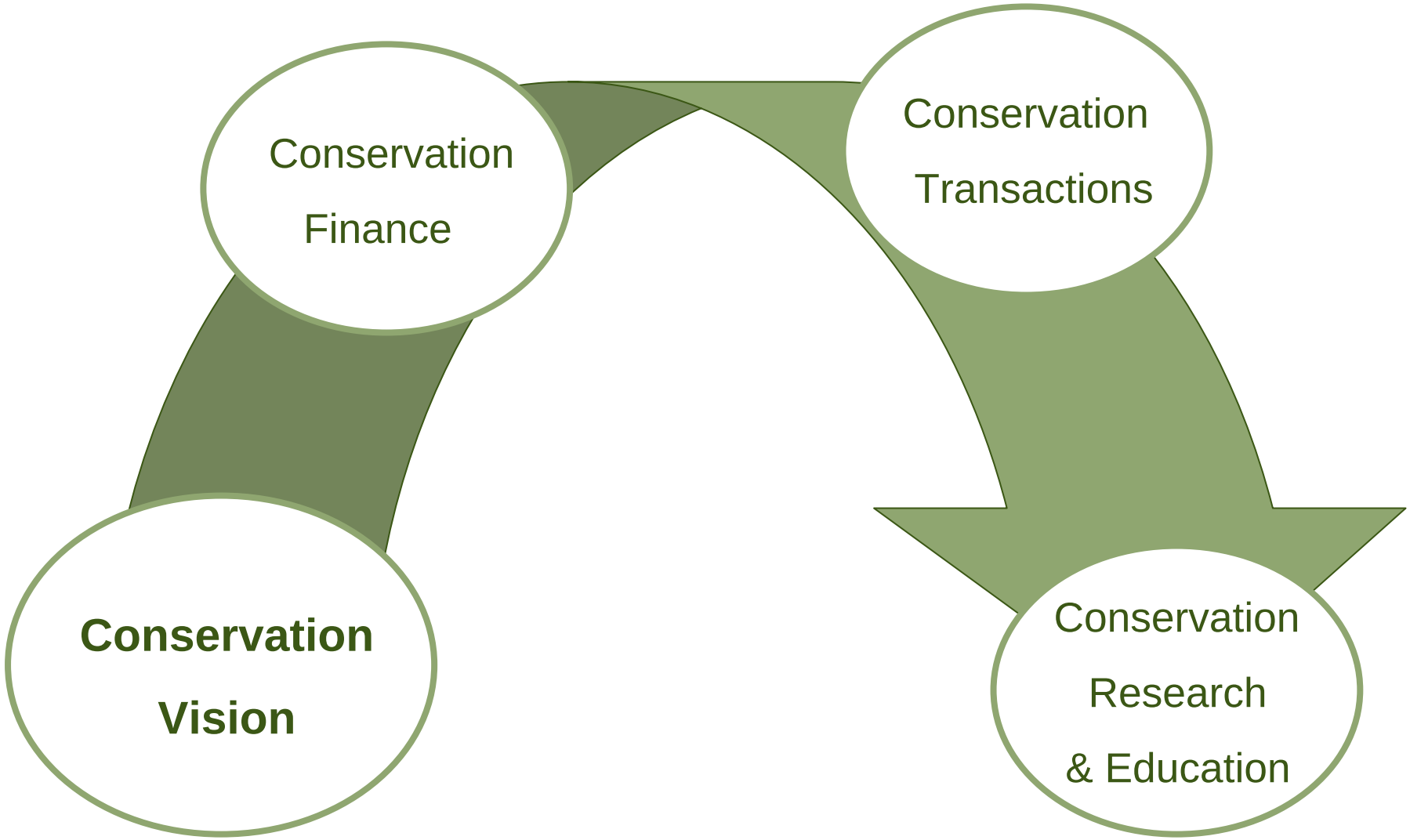
THE TRUST *for* PUBLIC LAND

Land for People Mission

The Trust for Public Land conserves land for people to enjoy as parks, gardens, and other natural places, ensuring livable communities for generations to come.

About TPL

- Provide complete suite of conservation services – planning, finance, transactions, site design & development.
- Work with private and public sectors.
- Span full range of landscapes.
- Offer local and national expertise.



Conservation Vision

Setting Priorities

TPL helps agencies and communities define conservation priorities, identify lands to be protected, and plan networks of conserved land that meet public need.

Greenprinting/GIS

Greenprinting uses Geographic Information Systems (GIS) to make informed, strategic decisions about land conservation and park creation priorities.

Greenprinting Model

- Transparent and easy to understand.
- Engages community in defining and weighing priorities.
- Reflects community's vision and unique resources.
- Provides a decision support tool, not just a mapping exercise.

Greenprinting Model

Five steps

1. Identify local goals and assemble data.

Greenprint Model

2. Translates community goals into measurable criteria or metrics that can be "mapped" for the county.

Reduce Flooding Potential

•Floodway and Floodplain
•Repetitive High Flood Loss Areas
•Locations with Natural Drainage and Detention Properties

Protect Habitat

•Critical Habitats
•Sensitive and Endangered Species
•Wetlands
•Large unbroken natural areas

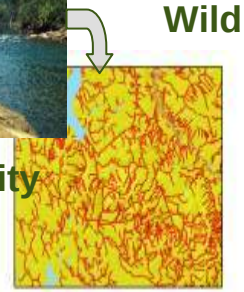
Greenprinting Model

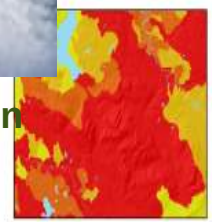
2. Priority maps are expressed in terms of conservation value ranging from low to high across the region (yellow to red)

Park Equity



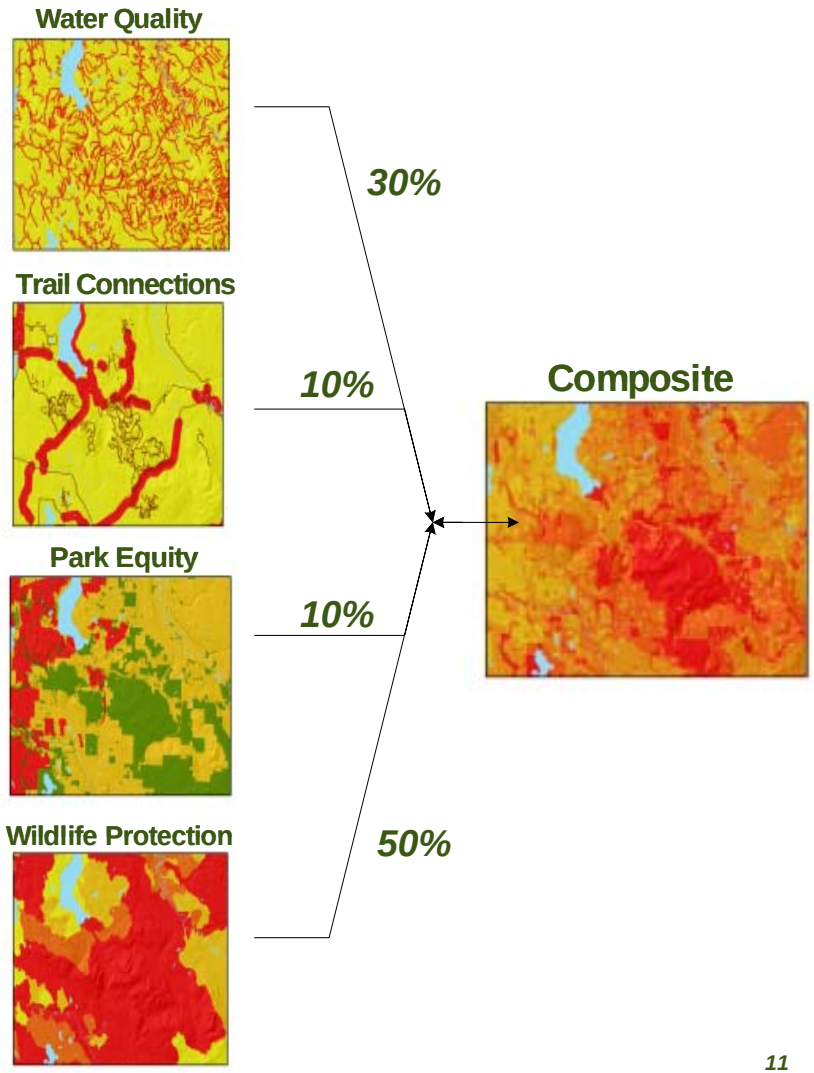
Regional Trail Connections



Water Quality

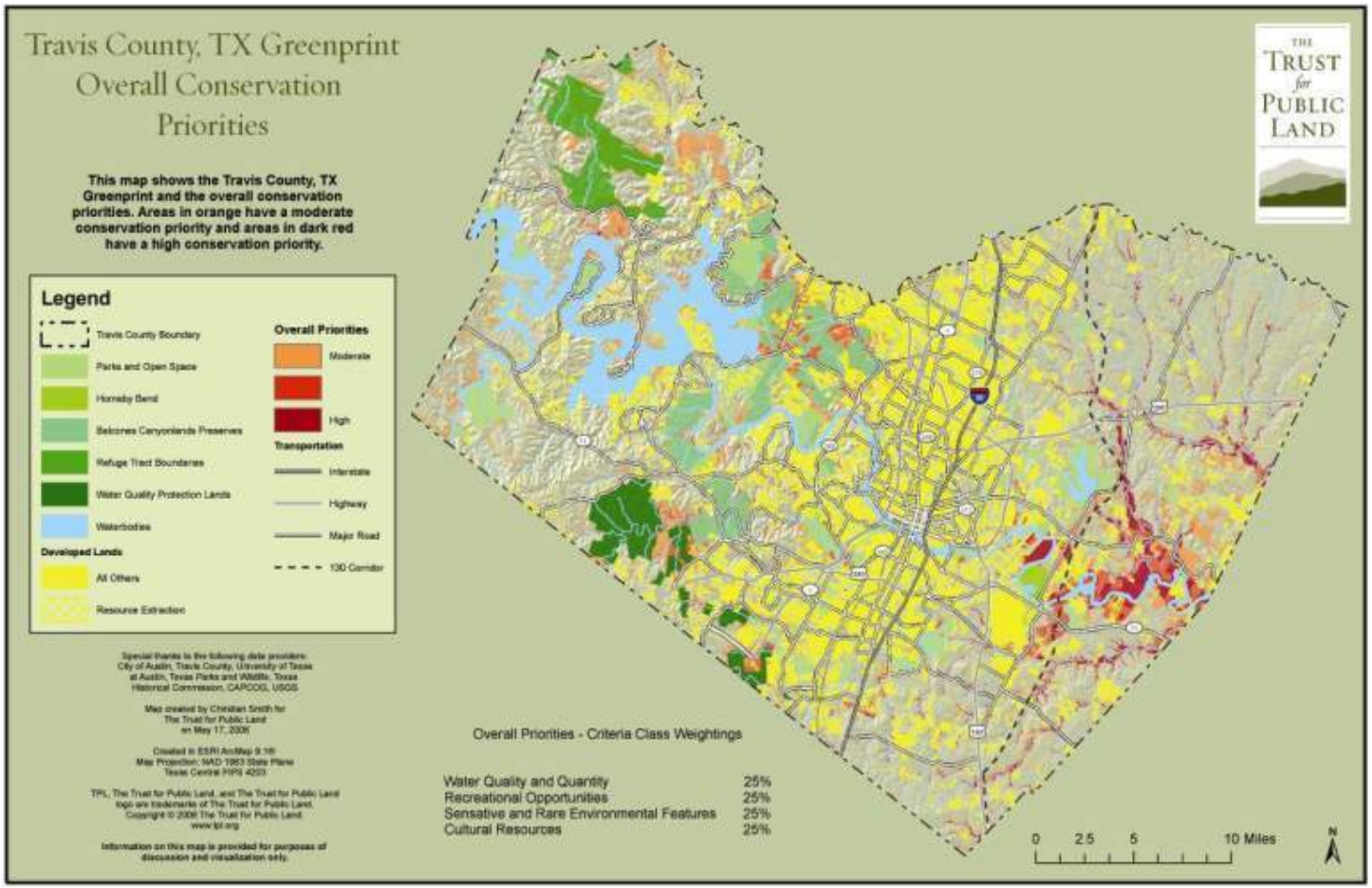


Wildlife Protection

Greenprinting Model

3. Assign relative weightings that reflect community or regional priorities.
4. Create alternative scenarios by adding additional criteria or modifying relative importance of existing criteria.
5. Combine the building blocks into a composite conservation priority map.

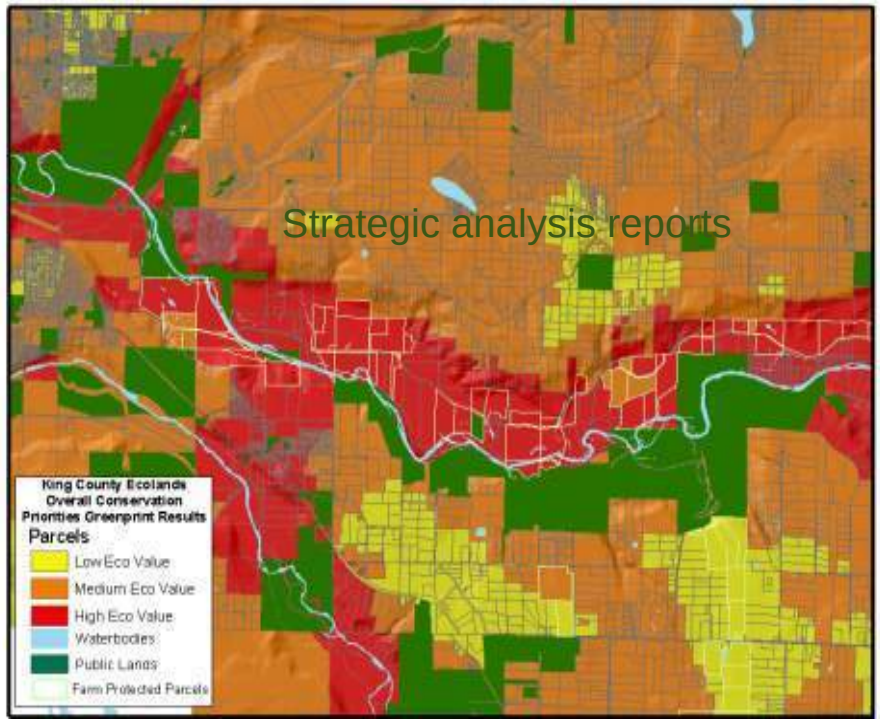


Greenprinting Results



Greenprinting Results

- Color-coded overview maps
- Parcel prioritization maps



Greenprinting Results

- Color-coded overview maps
- Parcel prioritization maps
- Strategic analysis reports

Litchfield Hills Greenprint Resource Profile Report
December 6, 2005
Overall Study Area Sample Report

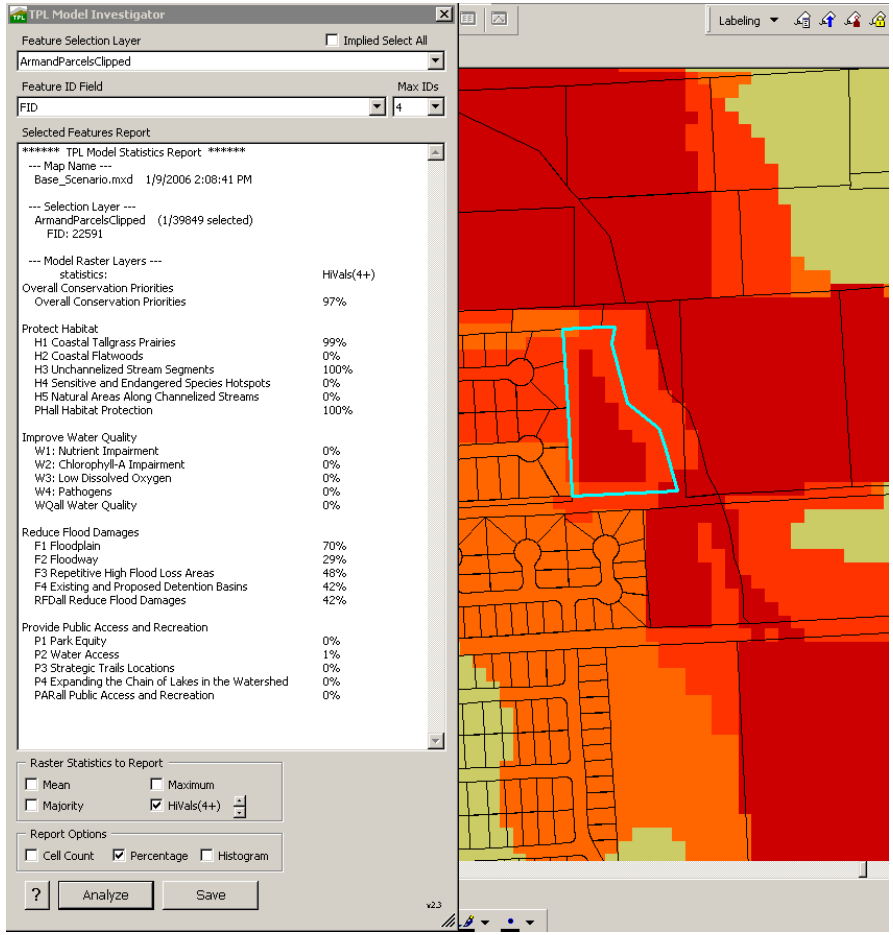
		Priority Acres*	Percent of Total Area	Protected Priority Acres**	Percent of Total Area
Overall Conservation Priorities					
	CP_All Overall Conservation Priorities	212,075	37.1%	49,381	8.6%
AR - Adaptive Reuse					
	AR1: Sand and Gravel Mining Locations	1,742	0.3%	238	0.0%
	AR_All Adaptive Reuse	1,742	0.3%	238	0.0%
FP - Farmland Protection					
	FP1: Prime Farm Soils	140,423	24.6%	17,883	3.1%
	FP2: Farm Landcover	85,549	15.0%	10,268	1.8%
	FP_All Farmland Protection	168,175	29.4%	20,711	3.6%
RO - Recreation Opportunities					
	RO1: Park Equity	10,413	1.8%	93	0.0%
	RO2: Flood Control Areas	2,305	0.4%	1,309	0.2%
	RO_All Recreation Opportunities	12,717	2.2%	1,403	0.2%
SP - Special Places					
	SP1: Special Places	115,633	20.2%	23,110	4.0%
	SP_All Special Places	115,633	20.2%	23,110	4.0%
SQ- Scenic Quality					
	SQ1: Prominent Ridgelines	68,738	12.0%	14,064	2.5%
	SQ2: Viewshed from the Housatonic River	10,919	1.9%	4,378	0.8%
	SQ3: Scenic Road Buffers	10,952	1.9%	2,576	0.5%
	SQ4: Large Undeveloped Parcels Adjacent to Appalachian Tra	11,994	2.1%	383	0.1%
	SQ_All Scenic Quality	92,059	16.1%	18,443	3.2%
TG - Trails and Greenways					
	TG1: Trails	28,610	5.0%	16,898	3.0%
	TG2: Proposed Greenways	33,704	5.9%	7,725	1.4%
	TG_All Trails and Greenways	58,391	10.2%	22,718	4.0%
WH - Wildlife Habitat					

*Priority Acres reflects a score of "2" or greater on a scale of 0-5.
**Protected Acres is based on CT Protected Lands obtained from Litchfield County Open Space Forum and the HVA.

Greenprinting Results *(cont.)*

Model Investigator

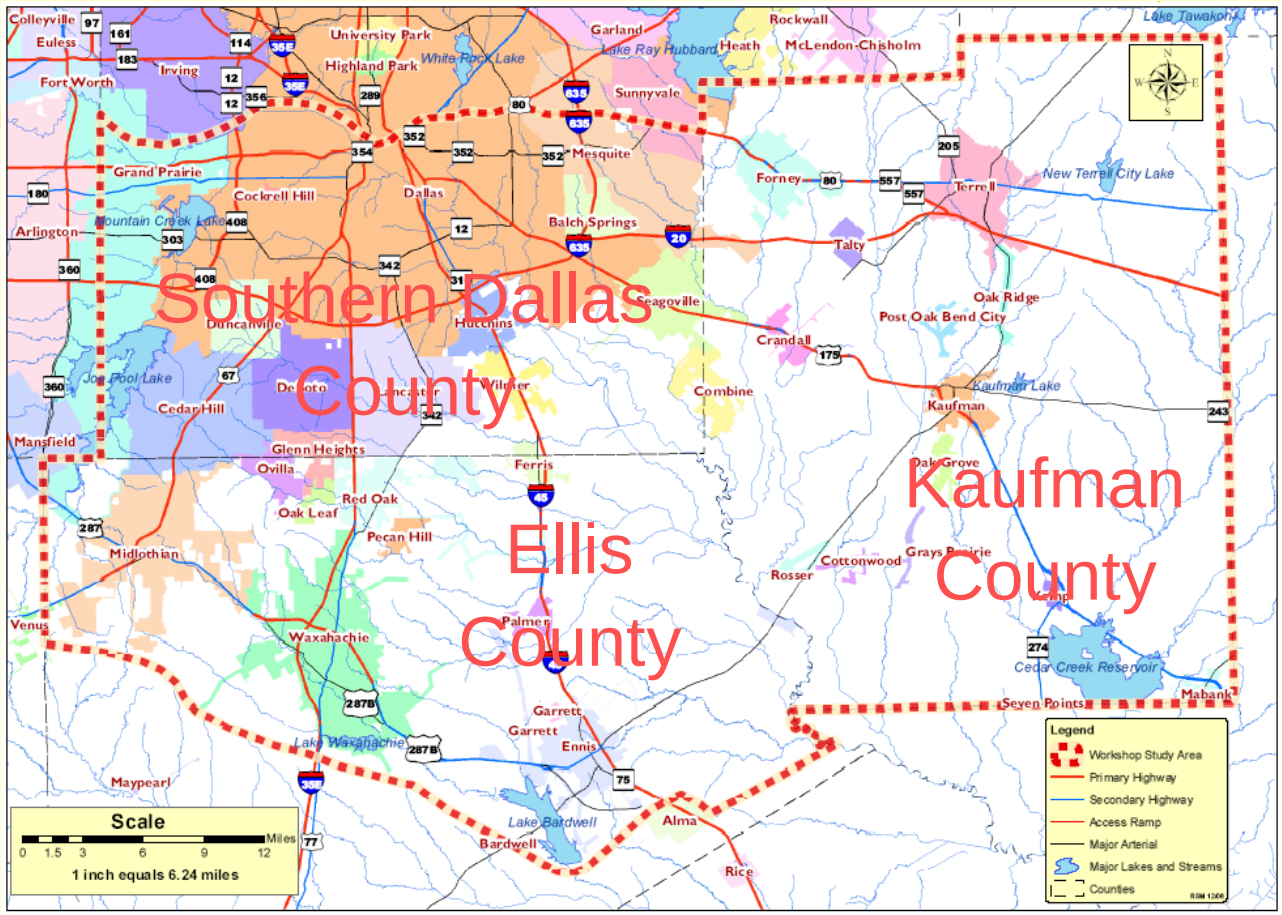
- High priority parcel analysis tool.
- Shows how well a parcel scored in meeting community's conservation goals.



Vision North Texas Greenprint

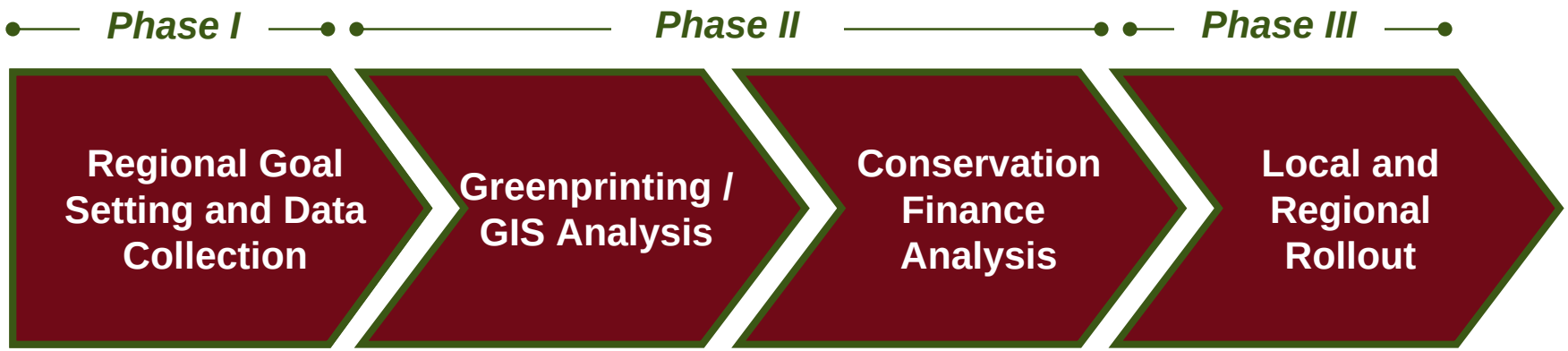
- Reflect open space resources and local priorities
- Establish common knowledge base of regional resources and assets
- Off unique blend of science and preference
  - Stakeholders/community members identify broad conservation goals
  - Models designed by local experts and scientists using regional data
- Provide on-going decision support tool (maintained by MCTCOG)
- Helps communities make more informed decisions about land conservation

Southeastern Subregion

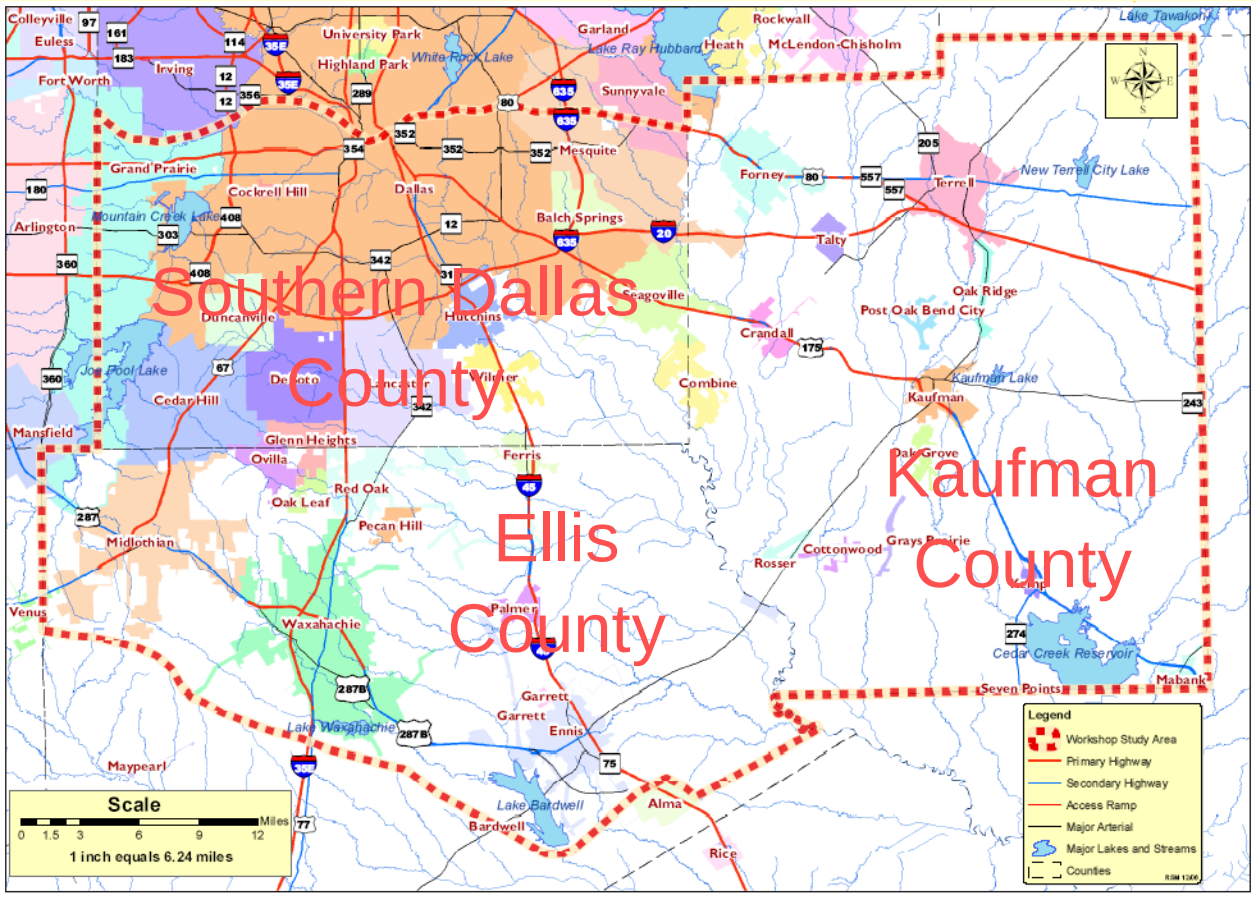


Greenprinting Process and Timeline

Implementation of the Vision North Texas Greenprint is planned as a three phase process.



Southeastern Subregion



Vision North Texas Understanding Our Options for Growth

SE Subregional Workshop Land Conservation Goals

Established as a baseline for the Vision North Texas Greenprint Model.

- Provide connectivity via trails
- Create new opportunities for recreation access and parks
- Protect habitat
- Preserve character of place and cultural assets
- Minimize flooding impacts
- Protect water quality and water supply
- Improve air quality

Greenprint Model Design (cont)

Provide Connectivity via Trails

- Trail network for walking, biking, equestrian
- Nature trails (including butterfly trails)

Greenprint Model Design (cont)

Create New Opportunities for Recreation Access and Parks

- Park Equity Analysis (areas with highest need for urban and regional parks)
- Golfing
- Mined areas, gravel pits reclamation
- Brownfield restoration
- Birding zones
- Canoe and kayak access
- Boating access
- Large scale open space

Greenprint Model Design (cont)

Protect Habitat

- Escarpment
- Native prairies
- Bottomland hardwood forests
- Sensitive habitats and endangered species
- Tree canopy
- Wetlands
- Natural/ecological corridors
- Contiguous waterway buffers

Greenprint Model Design (cont)

Preserve Sense of Place and Cultural Assets

- Farms, agricultural areas
- Historic assets
- Scenic vistas and environmental viewsheds
- Trinity River Corridor
- Great Trinity Forest and urban forests
- Rural character
- White Rock Creek
- Historic (old) trees
- Archeological sites
- Community gardens

Greenprint Model Design (cont)

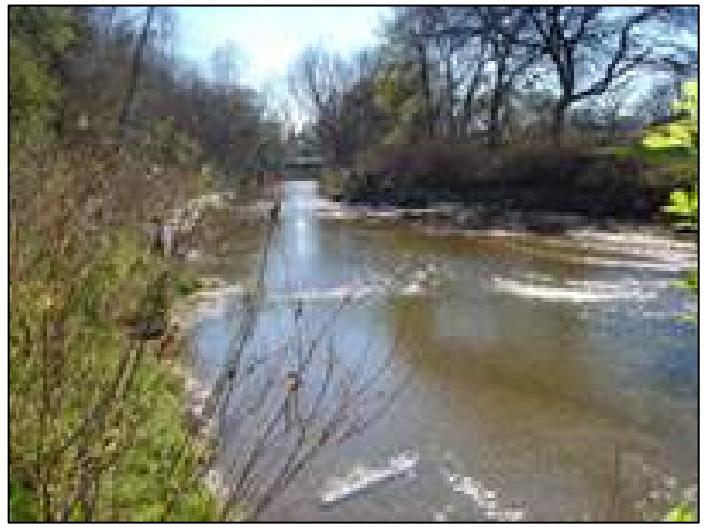
Minimize Flooding Impacts

- Floodplain
- Areas of high erosion
- Natural water retention and drainage
- Native prairies

Greenprint Model Design (cont)

Protect Water Quality and Water Supply

- Riparian corridors
- Groundwater recharge areas
- Wetlands and headwaters
- Reservoirs and water supply areas



Greenprint Model Design (cont)

Improve Air Quality

- Forest cover/tree canopy
- Greenspace and prairies

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