

TAPE-SLIDE SET  
"STORY OF THE RICH COUNTY  
AND  
BEAR LAKE BASIN RESOURCE BASE"

PURPOSE:

To help citizens, decision makers, and professionals as well as land users with the visualization of the resource base capabilities, local values, concerns and objectives.

USE:

For use by all local planning interests to enhance local understanding and awareness, including the BRBST Inform and Involve activities.

INITIAL DRAFT:

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# SLIDE TAPE SET CONTENTS <sup>1/</sup>

## A. STANDARD MAP FAMILY

<u>TOPIC</u>	<u>MESSAGE</u>	<u>SLIDES</u>	<u>SOURCE</u>
MAPS	Standardization of maps and scales will save times and money	Samples of each kind of map in map family and its use	BRTAC, Co. TAC, BRBST
	Purpose of overlays	Samples of overlays a. Made by professionals b. Made by locals	"
PUBLIC PARTICIPATION	Preparation of overlays by local interests such as civic clubs, schools, special interests. Are opportunities for local expression and participation	Samples of overlays that can be made by local interests: Areas of concern Areas with special development potentials to meet local needs Growth pattern local people would like Areas they would like protected Areas they think have special development potential	" GPC

NOTE: THIS SECTION OF THE SLIDE SET SHOULD THOROUGHLY EXPLAIN THE PURPOSE OF THE STANDARD MAP FAMILY AND DETAILED MECHANICS FOR PREPARATION.

LOCAL PEOPLE SHOULD CLEARLY SEE WHERE THEY GO TO GET OVERLAY MATERIALS AND HOW THEY PREPARE OVERLAYS SO THEY CAN BE INTERFACED WITH INTERPRETIVE RESOURCE OVERLAYS TO SHOW CONFLICTS BETWEEN THEIR DESIRES AND CAPABILITIES OF THE RESOURCE BASE.

## B. SINGLE RESOURCE FACTORS

<u>TOPIC</u>	<u>MESSAGE</u>	<u>SLIDES</u>	<u>SOURCE</u>
INTRODUCTION	Assets of county resource base	Panorama: Bear Lake Valleys Mountains Recreation	NFS,UDWLR, SCS,BLM
LAND USE TRENDS	Changes and trends	Panorama: Growth areas Land use changes	" CG
LAND OWNERSHIP	Influence on future growth	Ownership map	BLM,BRBST
CLIMATE	Weather variety and influence on use: Storm patterns Water supply and recreation Air inversion and pollution threat Contribution to recreation variety Temperature and precipitation zones	Lake storm Snow scenes  Clouds and Liefe Mine  Bathing, boating, skiing, snowmobiling  Map	CG,NFS,SCS, BLM  UU  USULAEP, UU  SC

## B. SINGLE RESOURCE FACTORS

<u>TOPIC</u>	<u>MESSAGE</u>	<u>SLIDES</u>	<u>SOURCE</u>
GEOLOGY	Associated hazards	Fault zones, avalanches, slides	UGMS,USU USGS
	Associated beauties	Unique interests and scenic panoramas	
	Mineral sources and economic development	Mines - potential - phosphate	
	Slopes and influence on land uses	Map and chart	
	Geothermal potential Special geologic influences on future development	Sites Site examples	
HYDROLOGY	Water control	Ground water supply areas Recharge and acquifer areas	USGS,UDWR, UGMS,BRBST
		Areas where development is affecting run	
		Examples of control	
SOILS	Physical characteristics of soils and influence on uses	Variety of soil profiles	SCS,USU
		Areas where present land use is not compatible with capability	
	Value of special inter- pretive maps Compensating measures to overcome limitations	Slides of map samples On site examples of remedial measures	

## B. SINGLE RESOURCE FACTORS

<u>TOPIC</u>	<u>MESSAGE</u>	<u>SLIDES</u>	<u>SOURCE</u>
TOPOGRAPHY	Slope and impact on land use and develop- ment	Site examples of major sites by slope Map with major slope breaks by land use (See attachment)	USGS,SCS, NFS,USULAEP
VEGETATION	Variety of plant cover in County	Range sites Plant communities Cover manipulation Cropland forage	SCS,NFS, BLM,BRBST

NOTE: THE SECTION JUST DESCRIBED IS TO BE CONFINED TO SINGLE RESOURCE FACTORS AND  
INHERENT CONSTRAINTS OR POTENTIALS.

## C. AREAS OF SPECIAL LOCAL CONCERN

<u>TOPIC</u>	<u>MESSAGE</u>	<u>SLIDES</u>	<u>SOURCE</u>
CROPLAND AREAS THREATENED BY DEVELOPMENT	Cropland areas are systems that can tolerate some planned development and not disrupt the system	Areas where development is threatening the cropland system What a system is: Operable sized fields Irrigation systems and disturbance by development Samples of values of cropland for food production, rural atmosphere and open space Samples of how planned unit developments can benefit from preserved cropland and not impair the system	Co.,SCD, CPC,BRTAC, CTT
DAMAGES FROM EROSION AND SEDIMENT	Erosion damage can be prevented by planning developments so erosion control is designed and is an integral part of the design	Eroding areas: Mines Roadsides Trails Developments Samples of erosion control measures: Landscaping for runoff control Revegetation measures	"

## C. AREAS OF SPECIAL LOCAL CONCERN

<u>TOPIC</u>	<u>MESSAGE</u>	<u>SLIDES</u>	<u>SOURCE</u>
POLLUTION AND WASTE MANAGEMENT	Knowledge of pollution sources and their remedies are needed Program action and programs	Pollution source areas Detail of causes Sites with sewage and garbage problems Examples of water pollution Examples of remedial measures	Co., SCD, CPC, BRTAC, CTT
NATURAL AREAS	Natural areas have many values that warrant their preservation such as for scientific study	Samples of areas Means of preservation	"
HISTORICAL VALUES	All historical areas need to be identified so planners can avoid damage and conflicts	Sample areas	"
ARCHEOLOGICAL VALUES	Land and water develop- ment projects can destroy these unless they are mapped and placed in a county data base	Examples	"
UNIQUE LAND FORMS	"	"	"

## C. AREAS OF SPECIAL LOCAL CONCERN

<u>TOPIC</u>	<u>MESSAGE</u>	<u>SLIDES</u>	<u>SOURCE</u>
SUITABILITY FOR SPECIFIC DEVELOPMENTS	Advanced identification of areas that have special suitabilities for special kinds of development helps with land use decisions	Examples: Industry Residential Recreation Waste	Co., SCD, CPC, BRTAC, CTT
ENVIRONMENTAL QUALITY	Some areas have very significant environmental features and should be preserved	Examples: Human interest Aesthetics Biotic Open and green space Visual and beauty	"
HAZARDS	Some areas have inherent hazards and if developed, will only cause social hardship	Examples: Fire Slide Water	"
HUMAN ACTIVITIES AND IMPACT	Growing activities in some areas will eventually have adverse affect on the quality of the area	Special watersheds and recreation Other	"

NOTE: LOCAL PEOPLE SHOULD HAVE A STRONG ROLE IN IDENTIFYING AREAS OF SPECIAL CONCERN SO UNDUE OFFENSE IS NOT CAUSED TO A SINGLE PROPERTY OWNER.

HOWEVER, RESOURCE PROFESSIONALS SHOULD PICK SITES WHERE SERIOUS ADVERSE AFFECT ON ENVIRONMENTAL QUALITY WILL RESULT IF THE AREAS ARE MISUSED AND CAREFULLY TAKE PICTURES THAT WILL SHOW CONSEQUENCES OF MISUSE. IT IS DIFFICULT FOR LOCAL PEOPLE TO UNDERSTAND THE CONSEQUENCES OF MISUSE AND CONFLICTING LAND USES.



## D. MAJOR RESOURCE AREAS

THIS SECTION OF THE SLIDE-TAPE SET SHOULD ESSENTIALLY BE A PICTURE STORY OF THE RICH COUNTY SOIL CONSERVATION DISTRICT LONG RANGE PLAN FOR MANAGEMENT AND DEVELOPMENT OF THE RICH COUNTY RESOURCE BASE.

THE SLIDES SHOULD SHOW FIVE (5) MAJOR CONCEPTS:

1. WHAT AND WHERE THE RESOURCE IS;
2. WHAT THE RESOURCE PROVIDES TO MEET PEOPLES NEEDS;
3. PROBLEMS THREATENING THE QUALITY OF THE RESOURCE;
4. OPPORTUNITIES FOR MANAGING AND DEVELOPING THE RESOURCE IN ORDER TO MAINTAIN SUSTAINED USE. (The prescribed resource management system);
5. OPPORTUNITIES FOR MANAGING AND DEVELOPING THE RESOURCE IN ORDER TO MEET ITS FULL POTENTIAL.

SLIDES WILL BE GATHERED FOR THE FOLLOWING MAJOR RESOURCE AREAS:

1. THE RANGELAND RESOURCE;
2. CROPLAND RESOURCE;
3. PASTURE AND HAYLAND RESOURCE (Irrigated and dry);
4. WOODLAND;
5. NATURAL AREAS;
6. WILDLIFE AND WETLANDS;
7. RECREATION LANDS;
8. URBANIZING LANDS;
9. WASTE MANAGEMENT AREAS;
10. WATER (Lakes, reservoirs, ponds, streams, and springs).

SEE THE FOLLOWING SHEETS FOR SAMPLE OUTLINES FOR THE RANGELAND RESOURCE, AND HAY AND PASTURELAND RESOURCE.

## D. MAJOR RESOURCE AREAS

<u>TOPIC</u>	<u>MESSAGE</u>	<u>SLIDES</u>	<u>SOURCE</u>
PASTURE AND HAYLAND RESOURCE	Rich County lands used for production of adapted and domesti- cated forage for grazing or harvest <u>Contributions</u> of this resource to meet peoples needs: Open space and beauty Forage for livestock Wildlife habitat Reserve land for grain production in time of emergency Erosion control Watershed protection <u>Problems</u> may threaten the resource or limit its potential: Erosion Low level management: Unadapted species Poor management or irrigation water Insufficient water Low fertility Poor grazing management Development encroachment disturbing the system	Panorama of resource: Grazing livestock Hay harvest Irrigation Fertilization Slide to show sample of each contribution	SCS, USUES, BRBST, ASCS  "  "

## D. MAJOR RESOURCE AREAS

<u>TOPIC</u>	<u>MESSAGE</u>	<u>SLIDES</u>	<u>SOURCE</u>
PASTURE AND HAYLAND RESOURCE (Continued)	<p>Opportunities for improving management for sustained use:</p> <ul style="list-style-type: none"> <li>Field planting trials prove new varieties</li> <li>Irrigation water control and management</li> <li>Fertilizing</li> <li>Rotation grazing system</li> <li>Recreation developments</li> <li>Management for wildlife habitat enhancement</li> </ul>	Examples of each	SCS, USUES, BRBST, ASCS
RICH COUNTY RANGELAND RESOURCE	<p>These are the Rich County lands that produce sufficient forage to justify grazing, and are accessible to livestock. They are a major element of the county tax support base</p> <p><u>Contributions to meet peoples needs are many:</u></p> <ul style="list-style-type: none"> <li>Livestock grazing</li> <li>Recreation and wildlife</li> <li>Water supply</li> <li>Beauty and aesthetics</li> </ul>	<p>Panorama views:</p> <ul style="list-style-type: none"> <li>Typical range sites</li> <li>Wet meadow</li> <li>Semi-desert</li> <li>High mountain aspen</li> <li>Bear Lake basin</li> </ul> <p>Cattle and sheep grazing</p> <ul style="list-style-type: none"> <li>Big game scenes</li> <li>Fishing streams</li> <li>Snow scenes of snowmobiling and skiing</li> <li>Snowmelt</li> <li>Springs</li> <li>Streams</li> <li>Striking visual vistas</li> </ul>	BRBST, SCS, NFS, BLM, UDWR

# D. MAJOR RESOURCE AREAS

<u>TOPIC</u>	<u>MESSAGE</u>	<u>SLIDES</u>	<u>SOURCE</u>
RICH COUNTY RANGELAND RESOURCE (Continued)	<p><u>Problems</u> are associated with the <u>resource</u> and may threaten sustained use:</p> <p>Erosion Deteriorated range and low plant vigor Incompatible developments, summer homes, recreation, and any other</p> <p><u>Opportunities</u> for improved management: Grazing management</p> <p>Water developments Mechanical treatment</p>	<p>Examples of erosion, sheet, rill, gully, and stream bank</p> <p>Poor condition range Grazing concentration Livestock trailing Examples of conflicts</p> <p>Excellent condition range resulting from grazing management</p> <p>Facilitate livestock distribution examples of: Brush control, reseeding, erosion or water control structures, fencing, etc. Also show: Suitable developments, recreation opportunities and other multiple use concept slide</p>	<p>BRBST, SCS, NFS, BLM, UDWR</p>

1/ The sequence of the slide tape set corresponds with that of the County Data Base Contents.

## KEY TO ABBREVIATIONS

ASCS	Agricultural Stabilization Conservation Service
BLM	Bureau of Land Management
BRBST	Bear River Basin Study Team (A-6) Inventory item from BRBST work program
BRTAC	Bear River Technical Advisory Committee
CG	Coast Guard
Co.	County
Co. TAC	County Technical Advisory Committee
Com.	Communities
CPC	County Planning Coordinator
CR	County Recorder
CTT8	County Technical Team
CUST	Department of Utah State Lands
HUD	Housing and Urban Development
NFS	National Forest Service
NPS	National Park Service
RC&D	Resource, Conservation and Development
SC	State Climatologist
SCD	Soil Conservation District
SCS	Soil Conservation Service
SEH	State Environmental Health
SF	State Forrester
SHS	State Historical Society
SPC	State Planning Coordinator
UDH	Utah Department of Highways
UDWLR	Utah Division of Wildlife Resources
UDWR	Utah Division of Water Resources
UGMS	Utah Geological and Mineralogical Survey
USGS	United States Geological Survey
USU	Utah State University
USUES	Utah State University Extension Service
USULAEP	Utah State University Landscape Architecture Environmental Planning
UU	University of Utah
WC	Weber College
WCNRR	Weber County Natural Resources Report