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Pattern and Palette of Place

A Landscape and Aesthetics Master Plan for the Nevada State Highway System



Presented by Susen Mertinovich, P.E.; Assistant Transportation Director, NDOT Merk Elison Hoversten, FASLA, AlCP: University of Nevada, Las Vegas

How the Master Plan was Developed



May 2000

The State Transportation Board and NDOT began the master planning process to improve landscape and aesthetic policies, guidelines, practices, procedures, and standards.

October 2000

A broad-based citizen's advisory committee was formed to to make recommendations to the State Transportation Board.

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How the Master Plan was Developed

July 2001



UNLV signed an interlocal agreement with NDOT to

 research highway landscape and aesthetics programs across the nation.

 facilitate the planning process, and prepare the master plan.

January - April 2002

Public meetings were held in Elko, Las Vegas, Reno, and Sparks.

Written comments were accepted throughout the master planning process.

How the Master Plan was Developed



Participation

State Transportation Board Landscape and Aesthetics Advisory Committee

Nevada Department of Transportation

University of Neveda, Les Vegas Lendscape Architecture and Planning Program

Technical Review Committee

A Vision For the State Highway System







gas Statement, "The Resp". BR 24

We envision a system of state highways that reflect the land and people of Nevada.

We believe that Nevada should have highways that are aesthetically pleasing, as well as safe and cost effective.

Therefore, no state highway is complete until landscape and aesthetics are considered and addressed.

Statewide Policies



Landscape and Assinetics Policy

It is the policy of the State of Nevada that landscape and aesthetics will be considered atong with all other design factors in all transportation projects throughout their life cycles.

180, Blis Cour

EXHIBIT F Committee on Transportation
Date: 2/11/05 Page / of 5

Statewide Policies



Policy on Partnerships

The principles of context-sensitive design guide the development of transportation projects.

Local communities, the public, other permitting agencies, and the private sector are encouraged to be involved in planning, design, construction, and maintenance of transportation projects to express the unique heritage, culture, and environment of the state and its communities.

Statewide Policies



Policy for the NDOT Landscape and Aesthetics Program

Landscape and aesthetic treatments will emphasize regionally appropriate materials and drought-resistant plants.

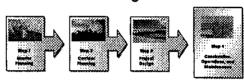
Statewide Policies



Policy on Funding Local governments, private citizens, civic groups, and the business community are encouraged to work with NDOT to develop cooperative agreements for funding the design, construction, and maintenance of landscape and aesthetic improvements.

Caratar Street Bridge, Roset.

The Master Plan defines the Landscape and Aesthetic Planning Process



Master Planning sets statewide policy and establishes broad guidelines and the process for incorporating landscap and seafhetics in highway planning, design, construction, and maintenance activities.

Contdor Planning provides a management tool for deciding when and where different levels of fandscape and sestivate treatments will be installed and for developing bread budgets and priorities.

Project Design fixes the details of what ectually gate built at a specific site.

During Construction, Operations, and Maintenance, NOOT ensures that state highways are managed in a manner that is consistent with like fundscape and seethetic design intent specified in the confider plan.

10

The Master Plan identifies eleven highway corridors



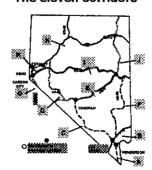
A highway corridor is a length of highway right-of-way and its associated secondary roads.

The length of a corridor is based on the character of its landscape.

In general, corridors begin and end at the state border or at one of our larger cities.

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The eleven corridors



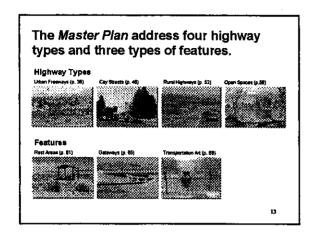
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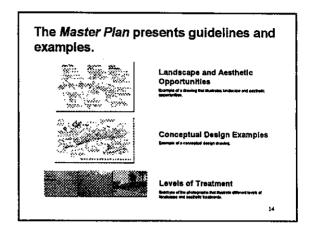
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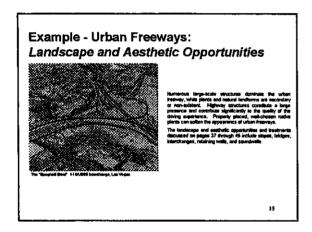
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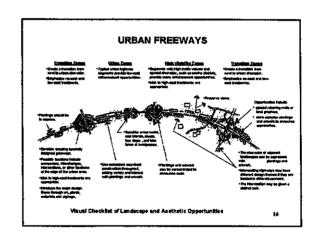
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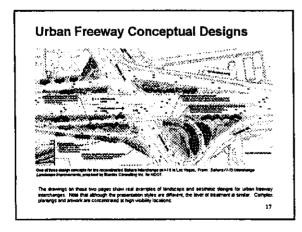
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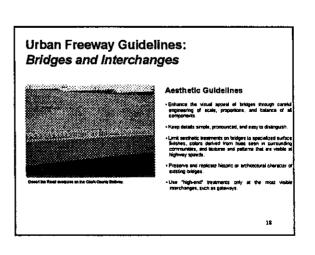


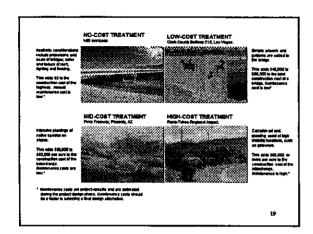


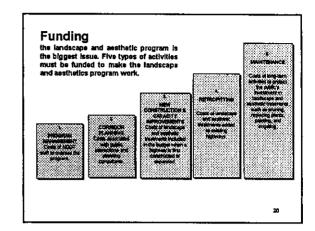


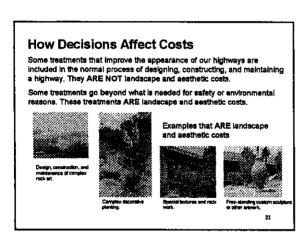


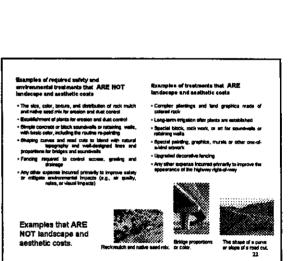












Funding New Construction and Capacity Improvements

As a general rule, 3% of total project construction costs on new construction and capacity improvements can be allocated to landscape and aesthetic treatments. NDOT will pay consultant costs for landscape and aesthetic design.



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Funding Corridor Plans



October 1, 2002 - \$2 million per year will be made available from existing funds to accelerate corridor planning and complete as many corridor plans as possible during the first two years of the program.

October 1, 2004 - The \$2 million per year will go into a \$8/50 community matching grant program for retrofitting existing highways with landscape and seathetic treatments.

October 1, 2004 - NDOT will contribute \$580,000 per year to complete the remaining confloor plans, which is expected to take no more than 3 additional years, terminating September 30, 2007. Program and funding will be re-evaluated at this time.

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Funding Retrofits and Maintenance

Retrofitting typically is initiated by requests from local governments, private parties, or non-profit organizations. Funding comes from varied sources.

Long-term Maintenance typically will be shared between NDOT and local governments, with written agreements in place before the landscape project is installed.

Generally, NDOT will hire the maintenance contractor and then invoice the local government for the costs, in accordance with the written agreement.



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The future of the Nevada highway system is at stake.



As the landscape and aesthetics program takes built form, we hope that Nevada's citizens and visitors will experience a newfound kinship with our unique land.

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