

# *Landscape & Aesthetics Corridor Plan Endorsement*



## **CORRIDOR PLAN**

*Southern US 95 and US 93  
landscape and aesthetics corridor plan*



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INCLUDES US 95 SOUTH FROM RAILROAD PASS TO THE CALIFORNIA-STATE LINE, US 93 TO HOOVER DAM AND US 95 NORTH OF I-215 TO THE CLARK COUNTY LINE WEST OF INDIAN SPRINGS

## **DESIGN WORKSHOP**

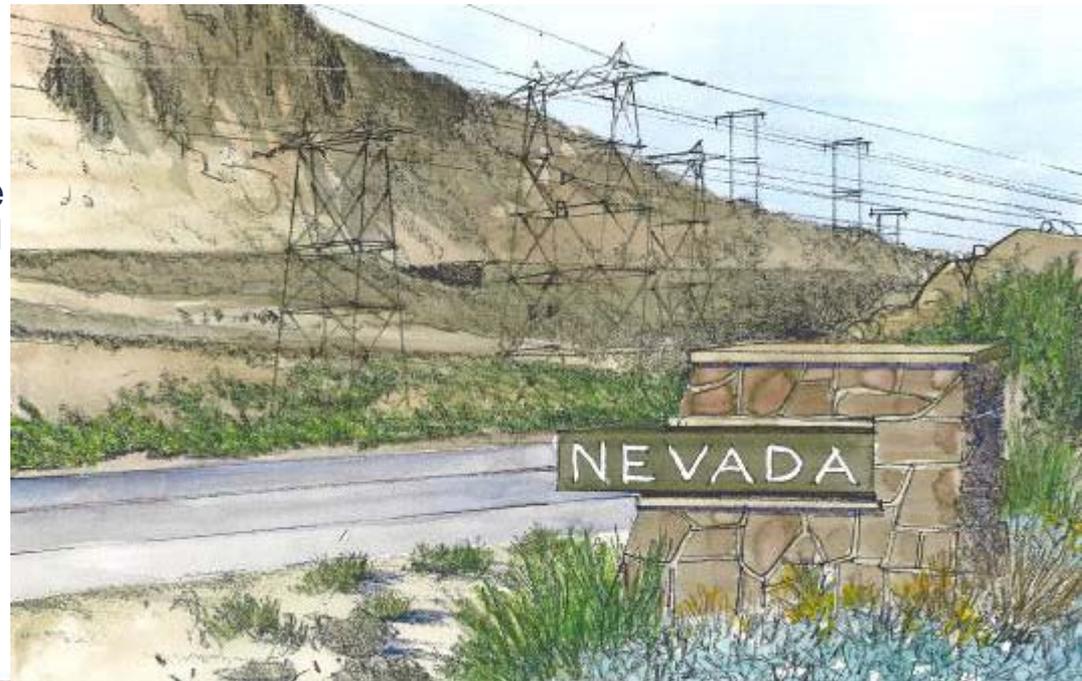
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# Purpose of Briefing

- Present a summary of the themes, opportunities, and design guidelines of the *Corridor Plan* to agencies and organizations
- Obtain endorsement of the *Corridor Plan* from your respective agency or organization

## Endorsement Means...

- Agree in principle with the landscape and aesthetic opportunities identified within your jurisdiction; including the design objectives and guidelines



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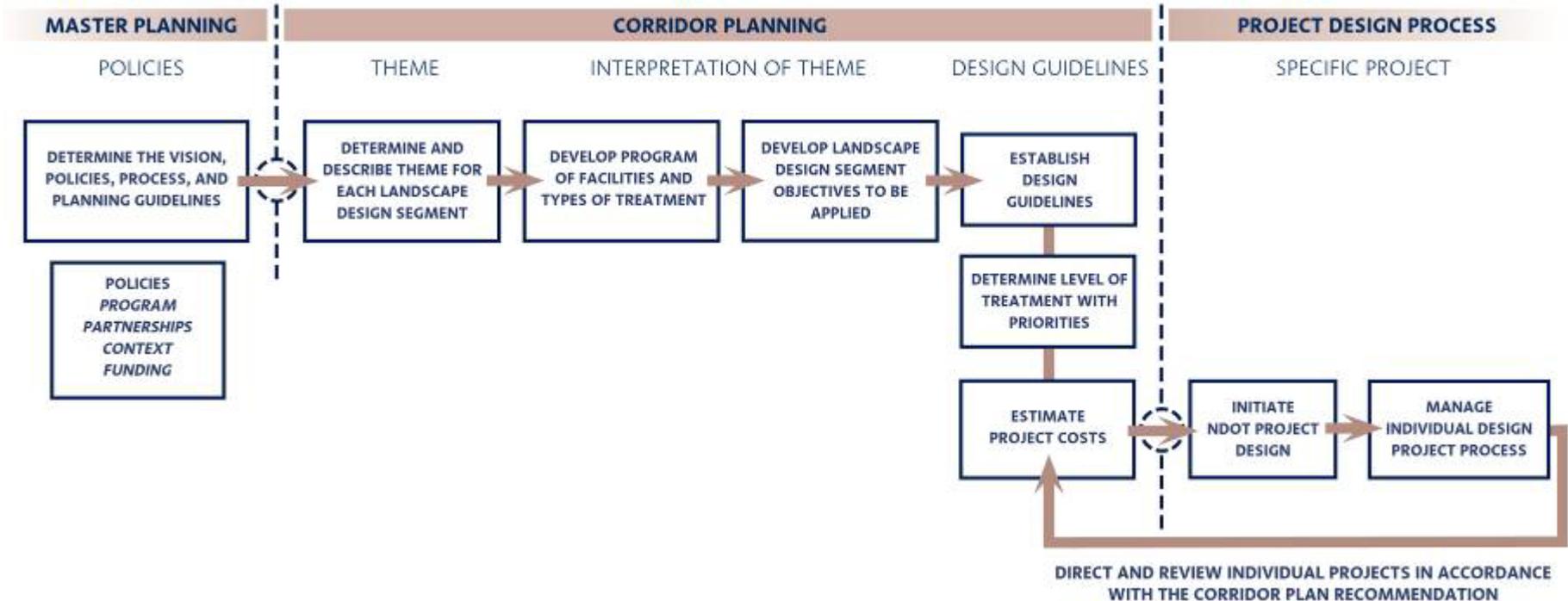
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# Purpose of Corridor Plans

- Provides a design management tool for NDOT and creates a new method for NDOT to approach projects
- Sets the context for future projects and provides design themes and levels of treatment for each corridor
- Establishes specific, prioritized opportunities for improvements
- Provides guidelines for materials and plant palettes, highway structures, construction practices, and maintenance practices
- Provides planning level cost goals
- Involves government agencies, organizations, and public in the planning process



# What do the Corridor Plans Include?

## • Elements of Landscape & Aesthetics

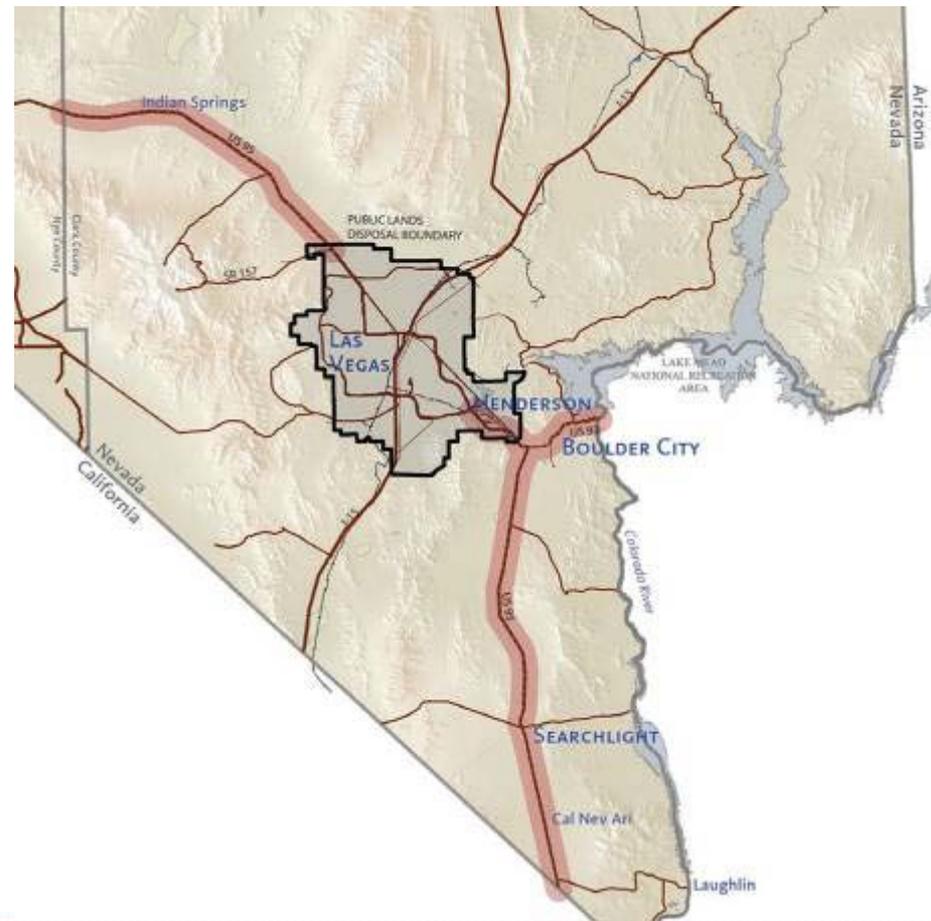
- Levels of Landscape Types and Treatments
- Nevada Place Name Sign Program
- Road Services
- Native Wildflowers
- Invasive and Noxious Weed Control
- Outdoor Advertising
- Scenic Highway Designation

## • Landscape Design Segments Southern US 95 and US 93 Corridor

- Mountain Desert Vista
- Destiny of the West
- Mohave Desert Vista

## • Design Guidelines

## • Priority Projects



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# Levels of Landscape Treatment

## Softscape Types and Hardscape Types

- Defined by a hierarchy of treatment levels
- Used separately or in combination to establish design character within the corridor



Example of focal treatment

### STRUCTURES AND HARDSCAPE TYPES AND TREATMENTS

		STANDARD	ACCENTUATED	FOCAL	LANDMARK
	GROUND TREATMENT				
	NATIVE PLANT REVEGETATION				
	ENHANCED NATIVE				
	REGIONALLY ADAPTED				
	REGIONAL ORNAMENTAL				

### SOFTSCAPE TYPES AND TREATMENTS



Example of ground treatment



Examples of regionally adapted treatment

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# Landscape Design Segments

Provides a theme for design features based on place specific features- environment, culture, and history

**MOJAVE DESERT VISTA LANDSCAPE DESIGN SEGMENT C**

SPRING MOUNTAINS SUB-SEGMENT C1

Note: Mojave Desert Vista Landscape Design Segment and Spring Mountain Sub-Segment are continued in the Central US 95, West US 6, and Central US 50 Landscape and Aesthetics Corridor Plan

**LEGEND**

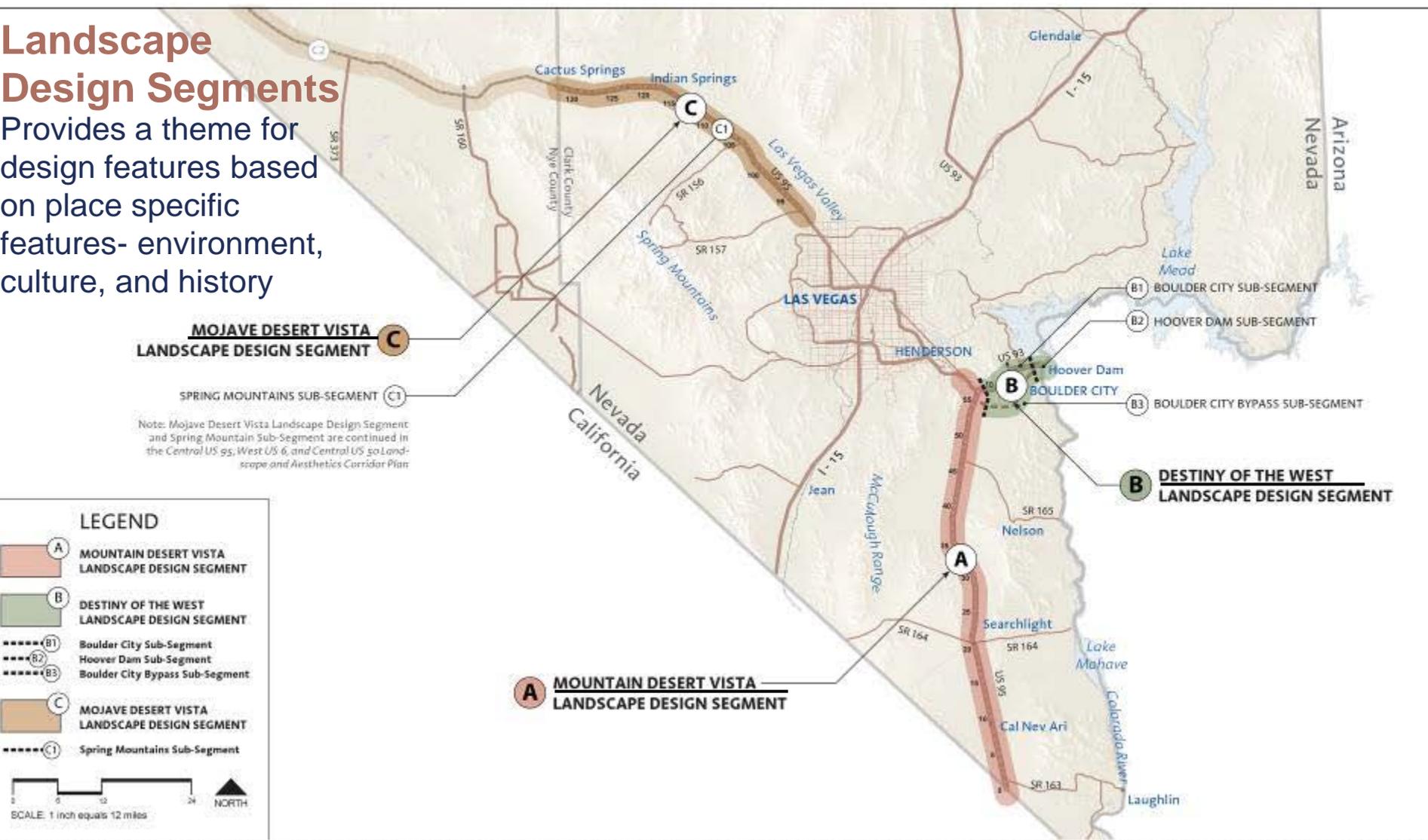
- A MOUNTAIN DESERT VISTA LANDSCAPE DESIGN SEGMENT
- B DESTINY OF THE WEST LANDSCAPE DESIGN SEGMENT
- B1 Boulder City Sub-Segment
- B2 Hoover Dam Sub-Segment
- B3 Boulder City Bypass Sub-Segment
- C MOJAVE DESERT VISTA LANDSCAPE DESIGN SEGMENT
- C1 Spring Mountains Sub-Segment

SCALE: 1 inch equals 12 miles

NORTH

**A MOUNTAIN DESERT VISTA LANDSCAPE DESIGN SEGMENT**

**B DESTINY OF THE WEST LANDSCAPE DESIGN SEGMENT**



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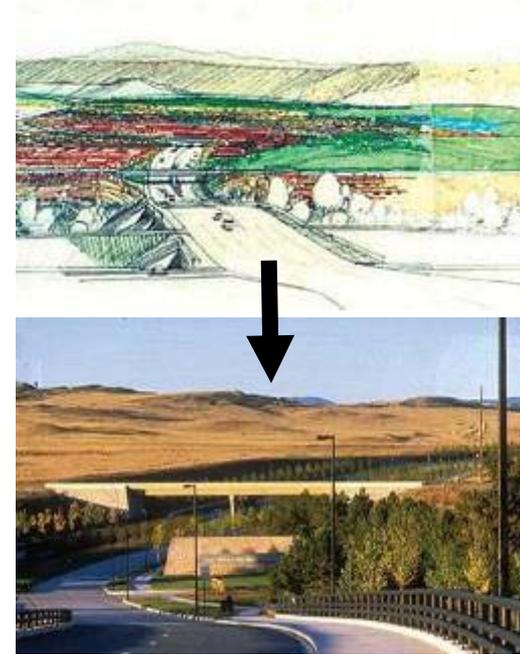
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# Design Guidelines

- Provide a framework for improving landscape and aesthetics.
- Provide recommendations as to how projects may be designed to meet the objectives of each Landscape Design Segment.
- Four categories:
  - Design Process Guidelines
    - Integrate landscape and aesthetics at the onset of planning, design, and engineering of all highway projects.
  - Destiny of the West Guidelines
    - Due to national significance, create an environmentally sensitive highway that preserves the scenic quality of the Hoover Dam area.
  - Community and Urban Context Guidelines
    - Improvement projects are initiated and advanced by the community. NDOT understands the need for flexibility within communities to allow them to achieve their vision.
  - Highway Facilities Guidelines
    - Primarily NDOT's responsibilities



Carefully select plant species.

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# Design Guidelines

## Highway Facilities Guidelines

### Primarily NDOT's responsibilities, including:

- Welcome Centers and Non-interstate Statewide Gateways
- Rest Areas, Viewpoints, and Pull-offs
- Transportation Art and Signage
- Color Palette Applications
- Roadway Design, Medians, and Pedestrian Crossings
- Non-motorized Transportation Systems
- Bridges
- Noise Reduction and Walls
- Concrete Barriers and Guard Rails
- Lighting and Fencing
- Grading and Retaining Walls
- Rock Cut and Excavation
- Drainage and Erosion Control
- Water Harvesting and Irrigation
- Softscape Types and Treatments
- Wildlife Crossings and Protection
- Construction Practices
- Maintenance Facilities and Practices
- Sustainable Highway Environments



BASE COLORS		ACCENT COLORS	
	Mountain Desert Vista #DE 6074		#NDE 6027
	Destiny of the West #DE 6047		#NDE 6089
	Mojave Desert Vista #DEC 717		#NDE 5325
	Hoover Dam Structures #DE 6214		#NDE 6013
			#NDE 5978
			#NDE 5914
			#NDEC 777
			#NDE 5537

Use a uniform, consistent color palette.

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# Priority Projects

## Priority Projects

- Priority levels assigned to projects within each Landscape Design Segment
  - High priority projects are highly visible and immediately contribute significant visual quality, or they are projects that are already in progress
- Flexibility allows for projects designated with a lower priority to become a higher priority if a community wants to move forward with their own funding commitment



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# Implementation

## Potential Funding Opportunities

Counties, cities, agencies, and other organizations should be familiar with the corridor plan in order to create partnerships that achieve a community's vision and goals. Partnerships are also important if communities desire higher levels of landscape treatment than the level provided through NDOT's normal financial responsibility.

- *Capacity Improvements and New Construction*
  - up to 3% of the total project construction cost may be allocated for landscape and aesthetics
- *Community Projects within the Right-of-way*
  - matching funds program provides funds up to 50% of the cost for specific projects
  - up to \$2 million per year; \$500,000 max. and \$50,000 min.



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# Endorsement

- Agree in principle with the landscape and aesthetic opportunities identified within your jurisdiction; including the design objectives and guidelines.
- Agree in principle to work in partnership with NDOT to develop a highway system that reflects the land and people of Nevada. The Corridor Plan is not a financially constraining document. It establishes the vision for landscape and aesthetics for Nevada's state-managed highways.
- Support the vision that highways should be aesthetically pleasing, as well as safe and cost effective.
- Endorse the Corridor Plan as a management tool for integrating landscape and aesthetics into all aspects of the planning, design, construction, operations, and maintenance of state-managed highways in Nevada.
- Provide NDOT with signed letter verifying that your agency or organization voted to endorse the *Landscape and Aesthetics Corridor Plan* prepared by the Nevada Department of Transportation for the Southern US 95 and US 93 corridor.



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# Schedule

- December 2006 Corridor Plans completed.
- Feb-March 2007 Agencies and organizations provide endorsement letters to NDOT
- April 2007 STTAC endorses corridor plans
- April 2007 Director of NDOT approves Corridor Plans
- April 2007 Corridor Plans go into effect



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