



**I-15** SOUTH  
DESIGN-BUILD  
PROJECT

# I-15 South Design-Build Project

Tropicana Avenue  
To Blue Diamond Road

**Public Information Meeting**  
March 24, 2010

*Paving the Way to a More Mobile Las Vegas*





## What is the I-15 South Design-Build Project?

Improvements to I-15 from Tropicana Ave. to south of Blue Diamond Rd., including:

- Widening I-15
- Addition of Collector Distributor roads
- Five redesigned interchanges
- Twenty-six new or widened bridges
- 35 retaining walls
- 7000 feet of sound walls
- Enhanced landscaping and aesthetics throughout the corridor



## What is “Design-Build”?

- Alternate Project Delivery Method that reduces a projects schedule by overlapping the design and construction phases
- Results in improvements constructed faster than traditional design-bid-build delivery



# Project Partners





# The Project





## What Improvements are Being Made?

### SB I-15 from Silverado Ranch to I-215

#### Major Activities:

- Construction of the SB auxiliary lane between Blue Diamond Rd. and Silverado Ranch Blvd.
- Reconstruction of ramps at Blue Diamond interchange
- Construction of the SB collector-distributor roads
- Connecting I-215 ramps to the SB collector-distributor roads



## What Improvements are Being Made?

### SB I-15 from Tropicana Ave. to I-215

#### Major Activities:

- Construction of SB C-D roads from Tropicana Ave. to I-215
- Ramp improvements at Russell Rd., Tropicana Ave., and I-215 SB ramps
- Affiliated work such as bridges at I-215, Russell Rd., and the Tropicana Wash Lid (concrete covering over the Tropicana Wash)
- UPRR Bridge



## What Improvements are Being Made?

### NB I-15 from Tropicana Ave. to I-215

#### Major Activities:

- Construction of the NB C-D roads from I-215 to Tropicana Ave.
- Ramp improvements at I-215; Russell Road and Tropicana Ave.
- Affiliated work such as bridges at I-215 and Russell Rd.
- UPRR Bridge



## What Improvements are Being Made?

### NB I-15 from I-215 interchange to Silverado Ranch

#### Major Activities:

- Construction of the NB collector-distributor roads from Blue Diamond Rd. to I-215
- Reconstruction of ramps at the Blue Diamond Rd. interchange
- Connecting I-215 ramps to the new C-D roads



# What Improvements are Being Made?

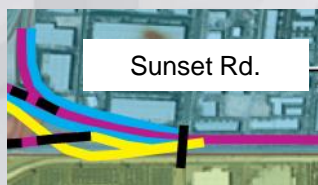
## Warm Springs Bridge

Construction to Begin: December 2010  
Estimated Completion: October 2011  
(Segments 1 & 4)



## Sunset Road Bridge

Construction Currently Underway  
Estimated Completion: December 2010  
(Segments 2 & 3)





# Construction Schedule

Construction started:  
February 2010

Work on all segments is simultaneous.

Early substantial completion date:  
December 2011



## Landscape & Aesthetics

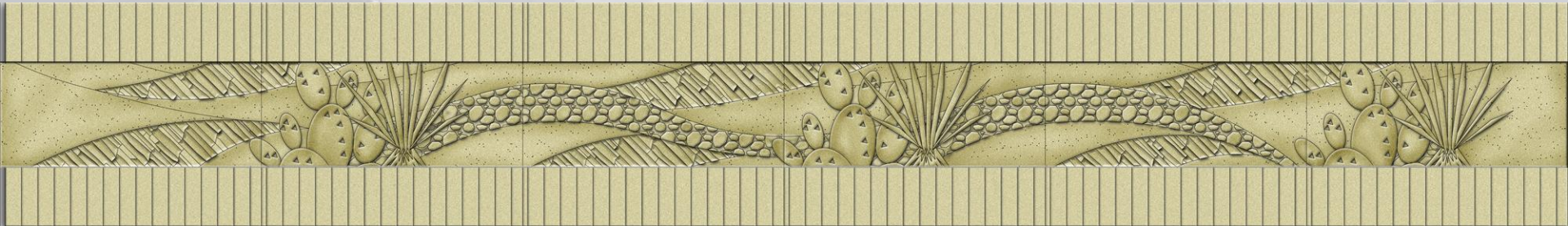
- NDOT Master Landscape & Aesthetics Plan
  - Goal: improve your quality of life by allowing us to beautify highways, improve the state's public image, welcome visitors, and contribute to a tourist-based economy.
  - Provides coordinated L & A efforts into NDOT's projects throughout the state
  - The funding policy
  - How does this master plan apply to the I-15 South Design Build Project





## Landscape & Aesthetics

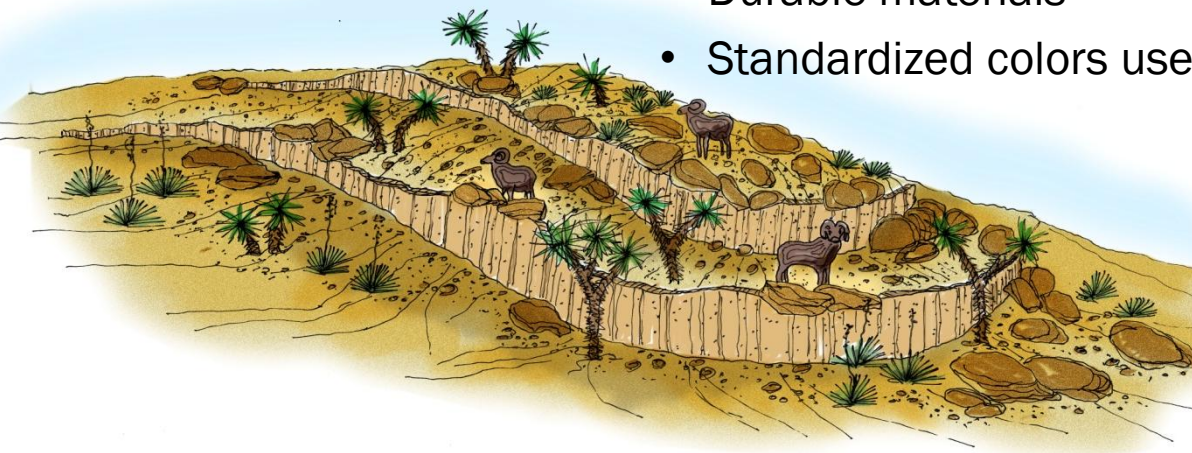
- Developing the Concept
  - The L & A process and working with corridor stakeholders
  - Concept theme development
  - Choosing the preferred concept - “Nature’s Residents”





## Landscape & Aesthetics

- Sustainable Design:
  - Promotes water conservation
    - Rainwater harvesting
    - Native plant materials/drought-tolerant plants used
  - Low-maintenance design
    - Durable materials
    - Standardized colors used - easier for graffiti removal





## Public Outreach: Motorists

Alert motorists about construction activity, detours, closures through:

- Media outreach
- Project website with up-to-the-minute traveler information
- Dynamic message signage
- FAST System
- Facebook/Twitter
- E-mail/cell phone alerts
- Communication with emergency service providers, trucking & transport companies





# Public Outreach: Businesses & Residents

## Proactive Resident & Business Outreach Strategy

- Area notification of construction activities
- “How to Cope with I-15 DB Construction” guide and other resources
- Dedicated outreach staff to this project (Spanish/English)
- Project website with dedicated pages for business & residents
- Project hot line
- Community meetings



# Learn More About This Project

Project Website:

[www.i15southproject.com](http://www.i15southproject.com)

Phone:

(702) 531-5800

E-mail:

[info@i15southproject.com](mailto:info@i15southproject.com)

A screenshot of the project's website. The top navigation bar includes links for Home, Project, Traffic, Public Involvement, Media Room, Gallery, and Contact. The main content area features a welcome message, a project description, and a large photograph of a highway interchange. On the right side, there are three sidebar widgets: 'Traffic Alerts' with a date range of March 8-14, 'Announcements' for a public meeting on March 24, and a 'Polls' section asking about driving frequency on the I-15 corridor. A map at the bottom shows the project location with labels for Blue Diamond Rd, Warm Springs Rd, and Sunset Pk. The footer contains a copyright notice for Interstate 15 Design-Build South © 2009.



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Thank you.

Questions?