Aesthetics and Landscape Preliminary Design Concepts

Sept. 27 & 28, 2016
Oct. 6, 2016
Freeway aesthetics and landscape designs
  • Important part of providing quality freeways for today and for future generations

South Mountain Freeway Aesthetics and Landscape Master Plan
  • Incorporates design concepts from ADOT’s Landscape Architecture and Aesthetics Design Concept Report
    • Design concepts developed in collaboration with Frank Lloyd Wright Foundation and Cosanti Foundation
Five different character areas define the plants and trees, ground treatment, irrigation, etc., for each area.
Character Area 1 – Ahwatukee Neighborhood

- Landscape design to blend with existing themes of adjacent I-10 / Loop 202 (Santan Freeway) interchange and residential areas
  - Includes large cacti and groves of trees to enhance the transition between the freeway and local streets
  - Incorporates colorful desert plants and coral colored granite mulch
Character Area 2 – Ahwatukee Foothills

- Landscape design to include a combination of native salvaged plants from CA 1 and CA 2 and new plant materials
Character Area 3 – Laveen Village

- Landscape design to include green and colorful plants and brown granite mulch
Character Area 4 – Estrella Village

- Landscape design to include bold shapes, brilliant colored plants and gold colored granite mulch.
Landscape design to blend the new with the existing theme of I-10 and include gold colored granite mulch
Define the design treatments for freeway structures (e.g., sound walls, bridges) and landform graphics.
Late 1920s: Renowned architect Frank Lloyd Wright invited to design San Marcos in the Desert luxury resort at the base of the South Mountains

- Used simple materials to celebrate the desert landscape and vegetation.

Developer’s interpretation ➤

Inspiration
Representation of Ocatillo Settlement Pattern
Design principles represent the simple shapes and forms on native Cholla and Ocotillo Cactus.

Base color - SW CL2847N “Sequestered”
Accent color - SW 6265R “Mayan Brick”

BRIDGE BARRIER WALL PATTERN

▲ Developer’s interpretation

Inspiration
Representation of Cholla Ocotillo Pattern
Context from which this pattern emerged:

- Earth as formwork facilitated curving linear shapes and decorative elements
- Results of water over rock through time

▲ Developer’s interpretation

Inspiration
Representation of River Bank Pattern
Aesthetic Area 4 – Leaf Portal Pattern

- Leaf pattern represents the agricultural heritage of the Laveen area
  - Circular shapes represent portals to the future or from the past

Base color - SW CL2847N “Sequestered”
Accent color - SW CL1957N “Low Hedge”

Developer’s interpretation
Representation of Leaf Portal Pattern
Representation of Leaf Portal Pattern
Incorporates elements from other aesthetic areas into two interlocking ‘L’ shapes

- Inspired by the work of both Wright and Paulo Soleri*
- Can suggest geometries of the freeway structures, the connection of the city to the environment, etc.

*Architect, urban designer, artist and founder of Arcosanti
Representation of Mountain Urban Link Pattern

View from I-10 Mainline Heading East
Representation of Mountain Urban Link Pattern

View from I-10 Mainline Heading West
Questions and Comments

- Direct your questions to a Project team member

- Share your input with the Project team:
  - Share your comments with Project representatives at the Landscape and Aesthetics station and/or
  - Submit your input on the comment form and return it to a project team member

We appreciate your input!