ATENATE DESERT Bridge Aesthetics in Arizona

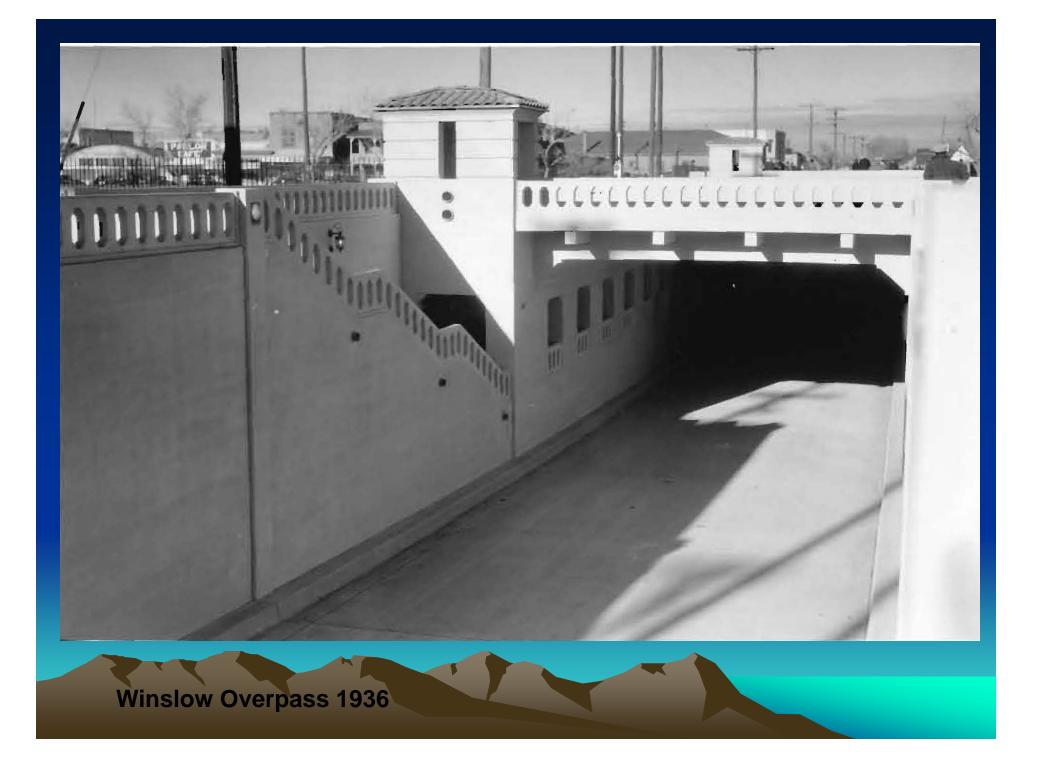
Presented by Tina Sisley, PE

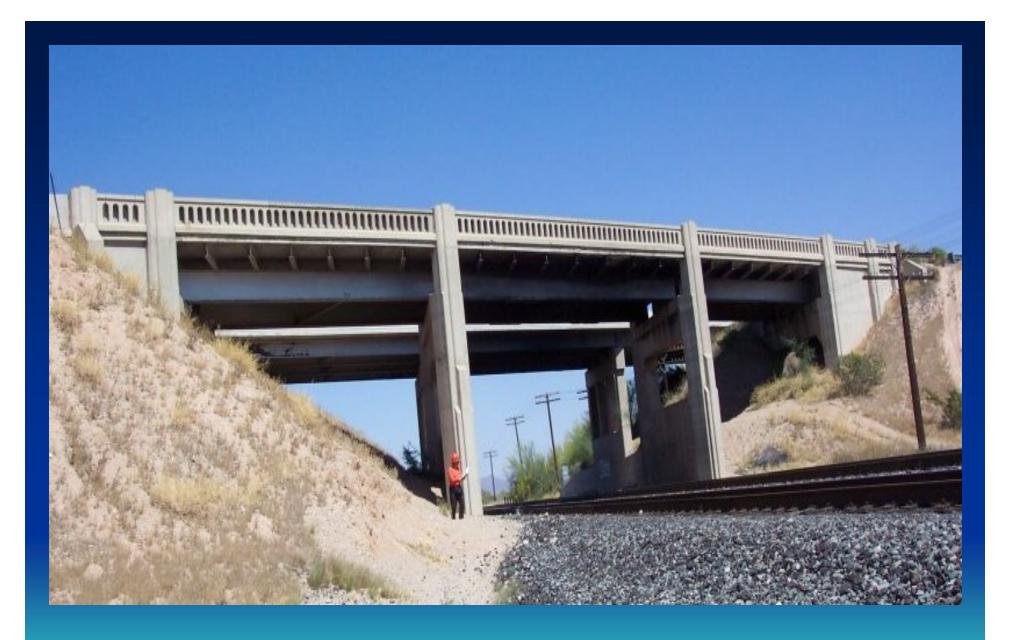
Arizona Department of Transportation

Historic Bridge Aesthetics

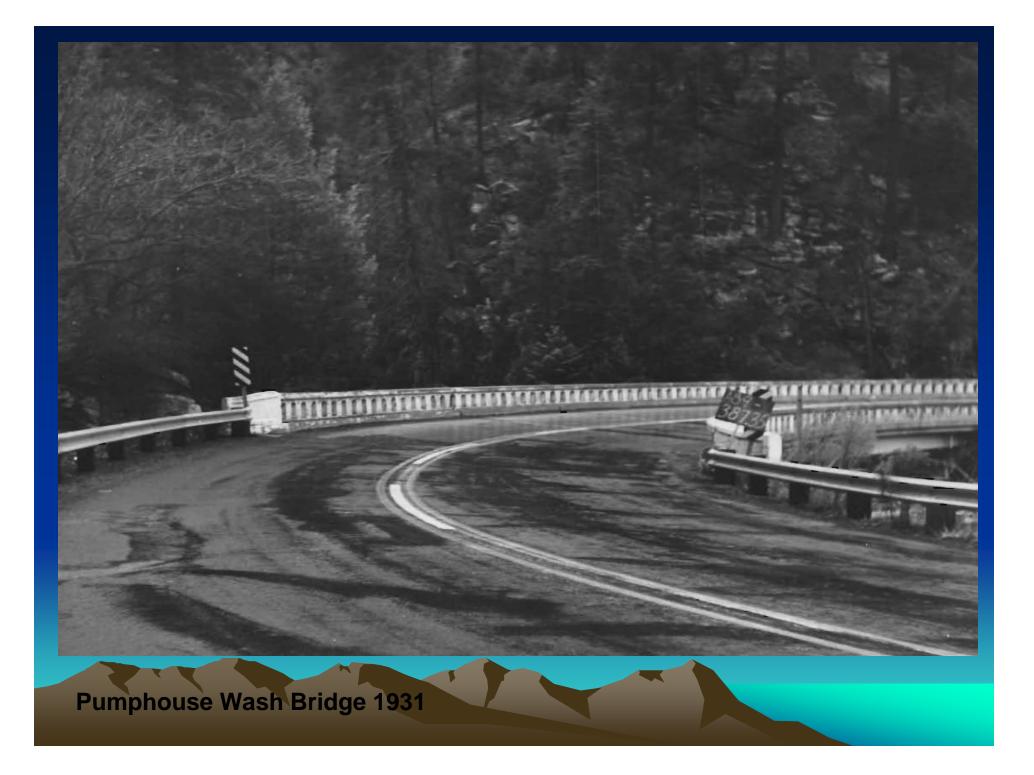
Architectural treatments such as:

 Decorative parapet walls and guardrails
 Art Deco styled columns and abutment details
 Stylized details utilizing steel panels and shapes

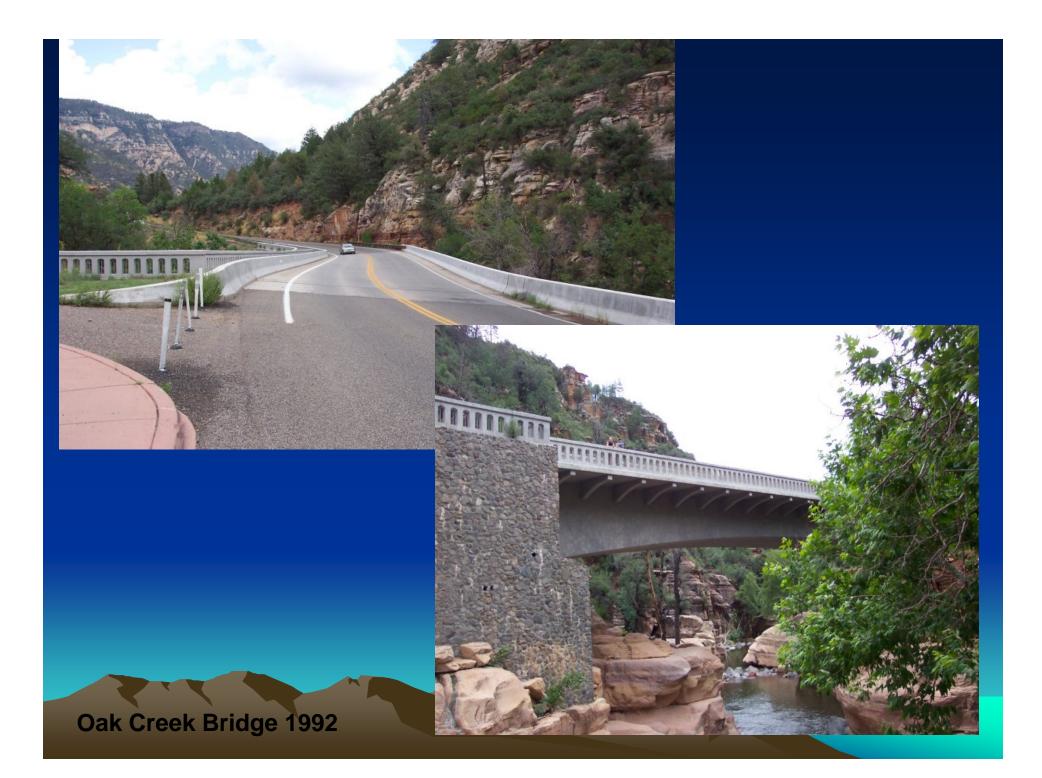


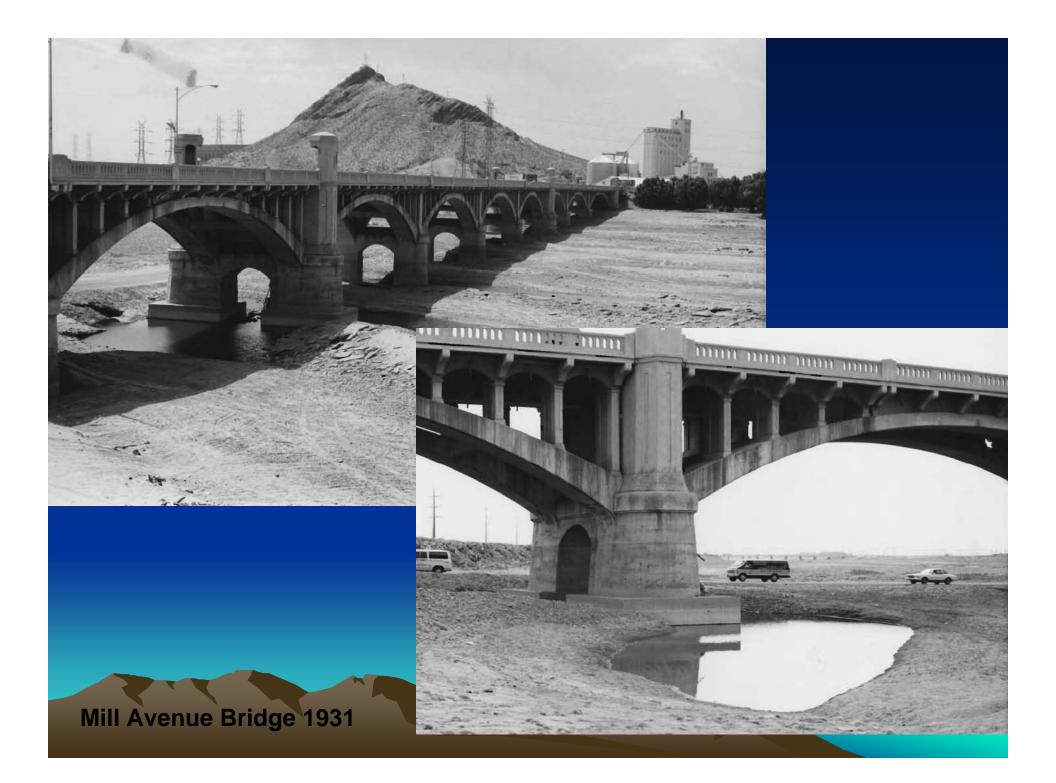


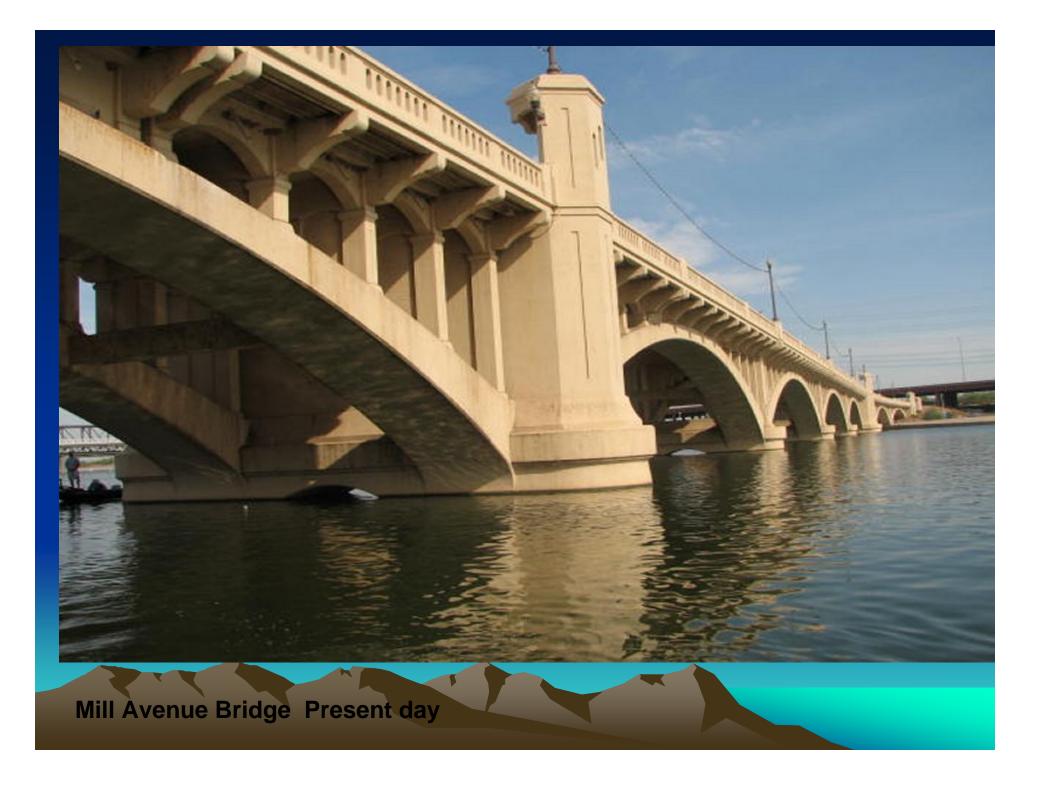
Gila Bend Overpass 1934

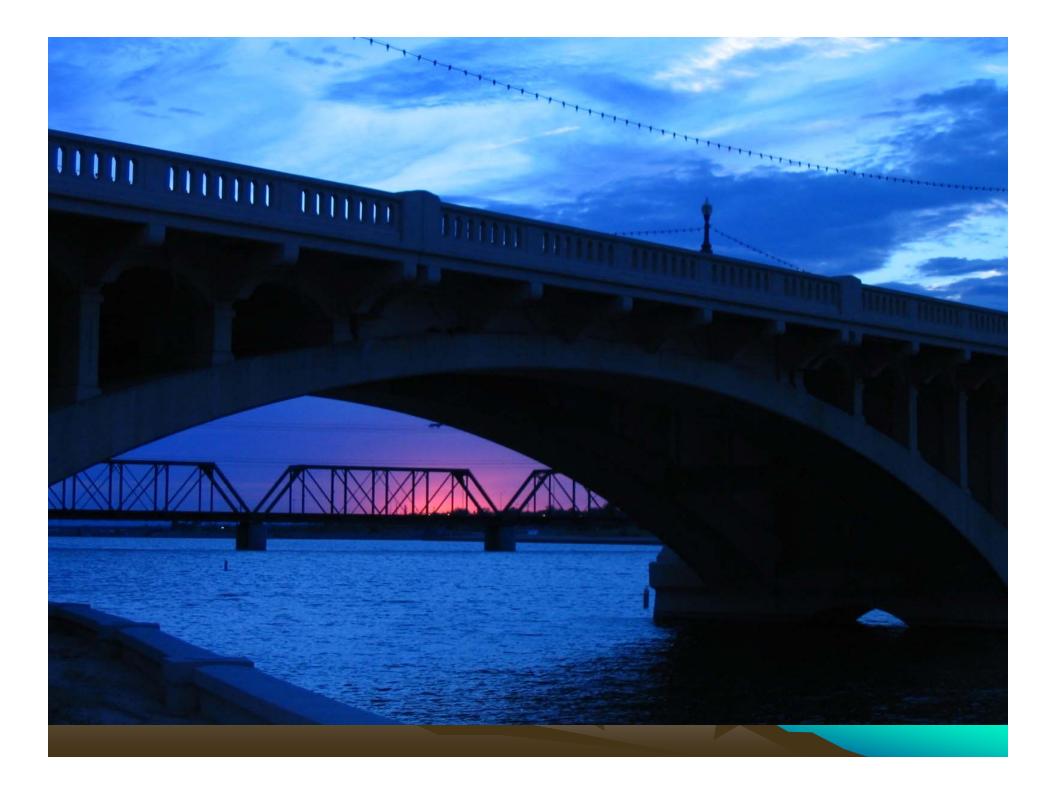


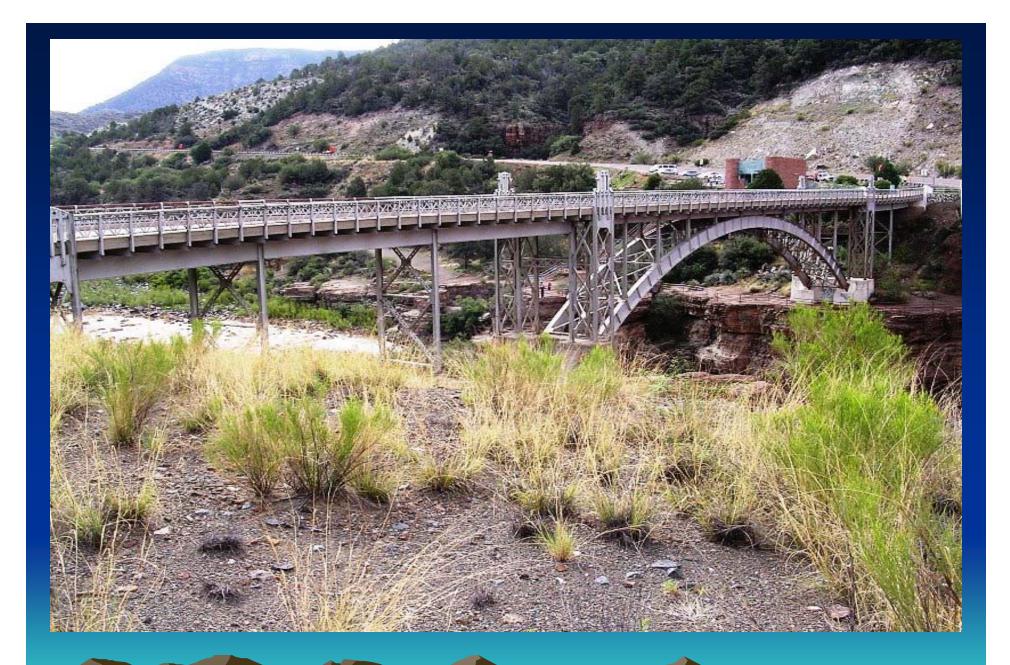




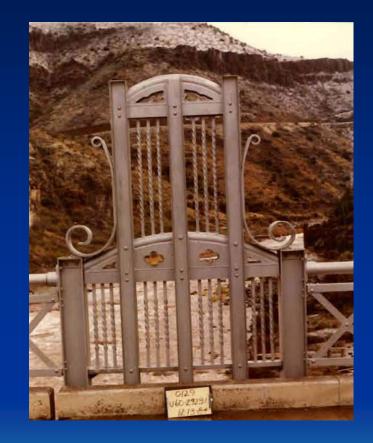


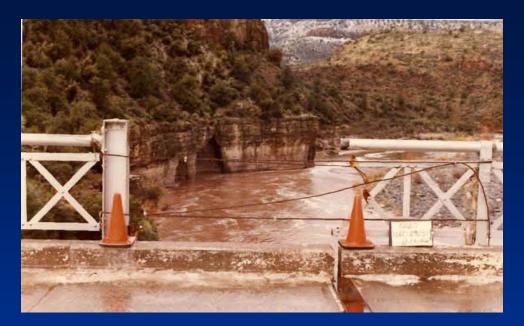






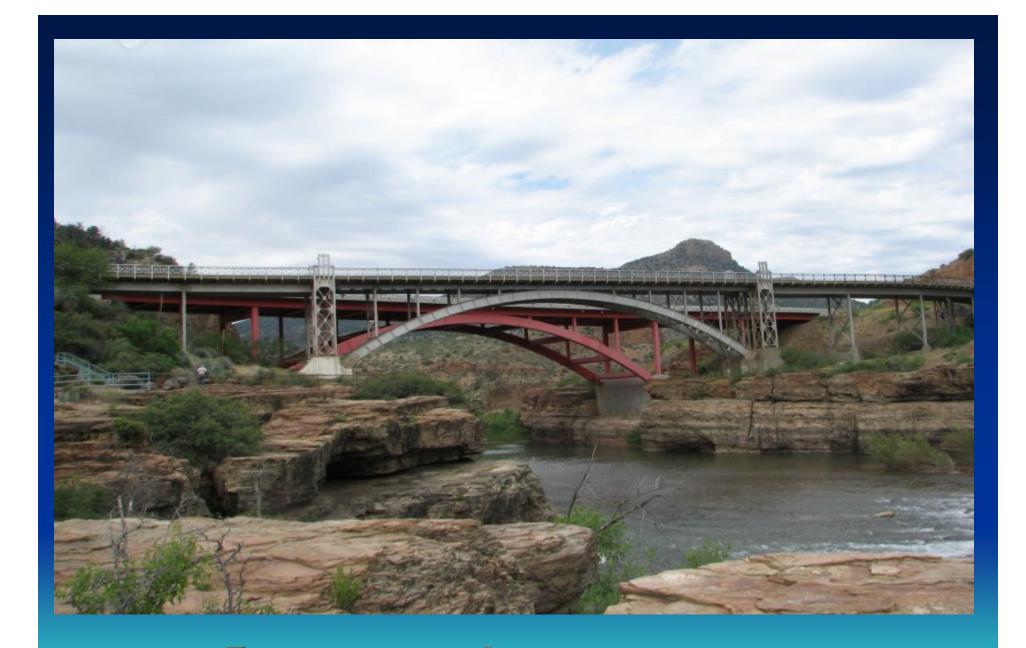
Salt River Canyon Bridge 1934





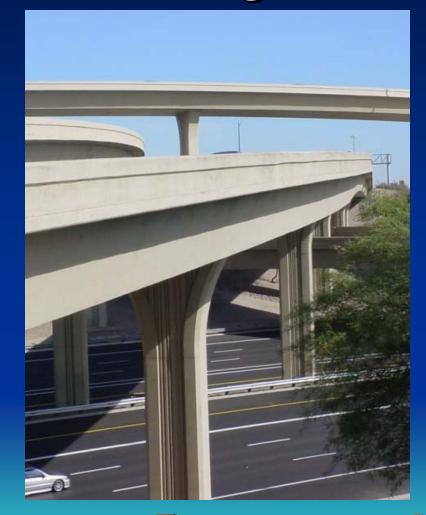


Damaged guardrail and decorative Column 1984



Salt River Canyon Bridge converted to Ped Bridge Present day

Bridge Aesthetics Today





Aesthetics Today

- Identify a freeway corridor that is distinct from others
- Create aesthetic themes that can represent a community and its history
- Community input during the design process
- Bridge structures can become gateways

Rustication Treatments Barriers





Walnut Canyon TIUP(I-40) Price/Santan TI





Riggles Ave(I-10), Pecos Rd(101)



Rustication Treatments Columns





Price/Santan TI Rio De Flag (I-40)





Rustication Treatments Walls













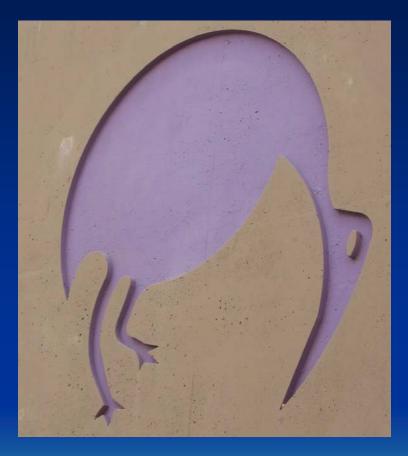




Rustication Treatments Icons





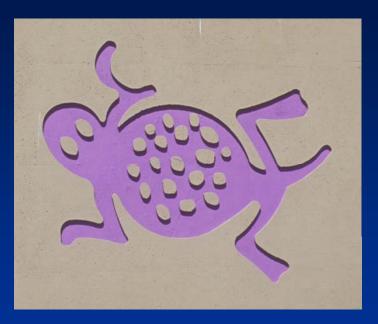




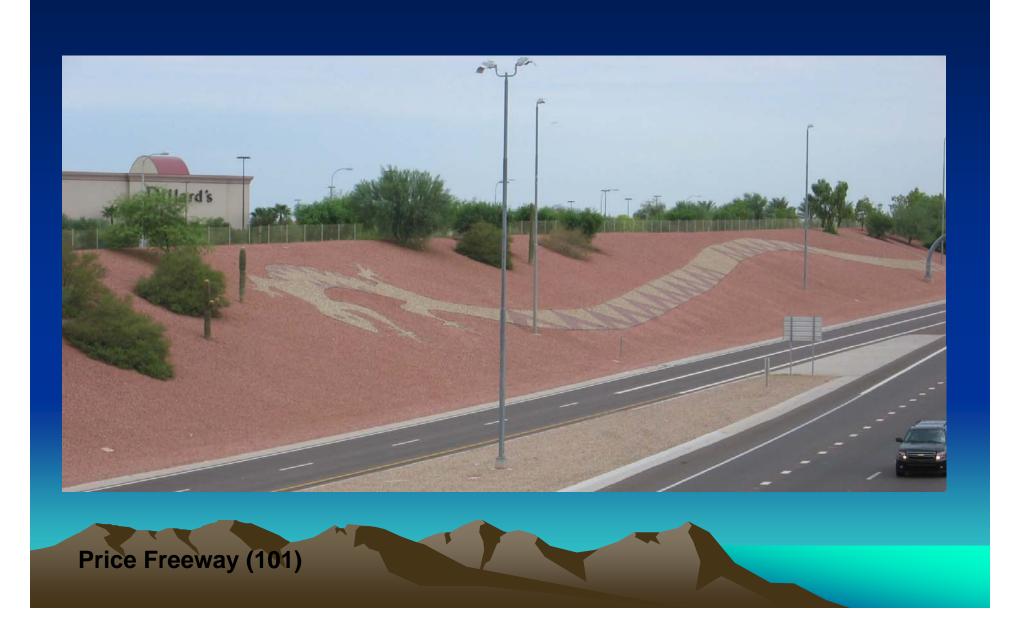


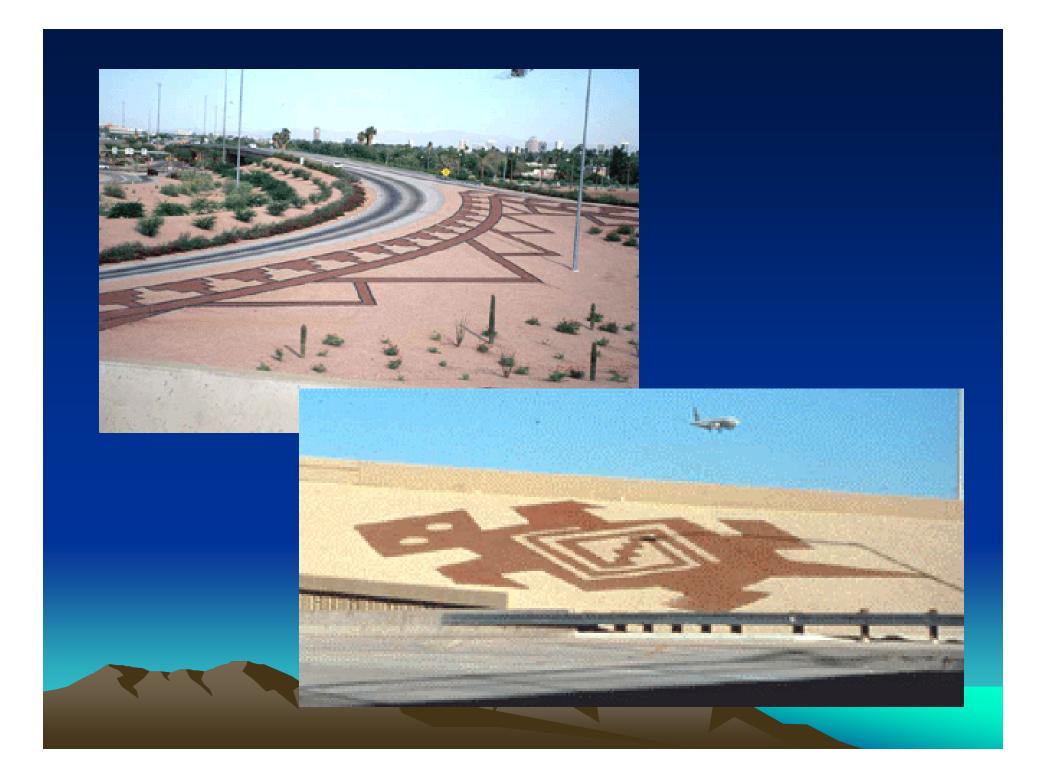


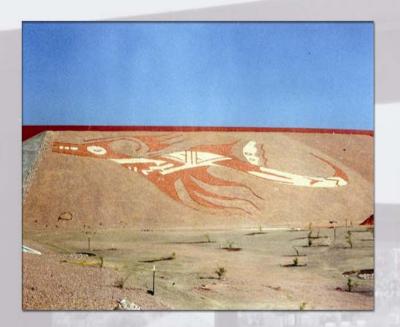




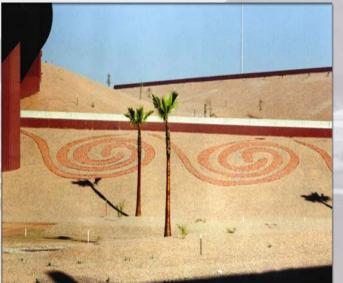
Rustication Treatments Land Forms







Pima Freeway/ Red Mountain Interchange













Pedestrian Bridges







Nisbet Rd Ped OP/29th St Ped OP (SR 51)







Community Involvement

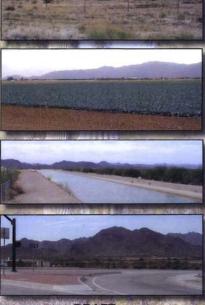
- Communities see freeways as a barrier dividing neighborhoods
- Communities can be involved early in the development of freeway aesthetics
- Aesthetics can be enhanced with additional funding
- Aesthetics can create unique community identity with gateway treatments

Freeway Mitigation and Enhancement Ideas

Proparad by the City of P

Aesthetics Guidelines





Aesthetics Guidelines for Roadway Improvements - DRAFT SR 303L, Estrella Freeway, I-17 to SR 801 I-10, Papago Freeway, SR 85 to SR 101L













Central Ave over Deck Park/I-10 Tunnel





Thanks To:

ADOT Tucson District ADOT Roadside Development PB HDR TYLin