

# CBP Office of Administration Facilities Management and Engineering

## Tactical Infrastructure Environmental Stewardship

Presented to

## Good Neighbor Environmental Board

March 11, 2010



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# Life Cycle Environmental Stewardship Approach for Tactical Infrastructure

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- Pre-planning
  - Walked the ground with stakeholders
- Project Planning
  - Produced NEPA documents and Environmental Stewardship Plans
  - Public meetings
  - Continuous coordination with resource agencies (USFWS; State Agencies, Tribes, etc)
  - Performed surveys
- During Construction
  - Best Management Practices part of contracts
  - Environmental Awareness training for contractors
  - Third party environmental monitors
- Post Construction
  - Preparing Environmental Stewardship Summary Reports to document final footprint and compare planned versus actual
  - Drainage Improvement Projects to minimize erosion and flood risk
  - Re-vegetation and slope stabilization
- Maintenance and Repair
  - Best Management Practices in contracts
  - Environmental Awareness Training for contractors
  - Full NEPA where lacking appropriate coverage



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# Example Environmental Stewardship Actions for PF 225 and VF300

- Prepared 8 final and another 10 draft NEPA documents and 22 ESPs
- Provided 36 environmental training courses to contractors before construction
- Conducted well over 90,000 hours of onsite environmental monitors during construction
- Identified and documented over 350 archeological sites and surveyed over 13,000 acres and excavated 56 sites before construction
- Developed Best Management Practices (BMPs) with the USFWS and prepared and shared Biological Resources Plans that evaluated over 75 threatened and endangered species and 25 critical habitats



# Protecting Endangered Monodella San Diego A-1

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# CBP Biologist Surveys for Endangered Quino Butterfly

## San Diego A-1



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# Environmental Monitor Moves Birds from Construction Corridor El Centro



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# Temporary Caps on Bollard Posts to Prevent Animals from being Trapped

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# Transplanting Agave Cactus Coronado National Memorial



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# Mormon House Site Excavation, Arizona

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**Before Excavation**



**After Excavation**



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# Mormon House Final Capping, Arizona

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# Fence Constructed While Protecting Historic Border Monument

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# Wildlife Panels (“Deer Fence”) New Mexico

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# Department of Agriculture Field Test Carrizo Cane Control Laredo, Texas

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**Brown cage shows cane  
without exposure to  
wasp; foreground shows  
effect on cane with wasp  
control**



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# Wildlife Passage (“Cat Hole”) Rio Grande Valley

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# Sabal Palm Salvage Rio Grande Valley

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# Post Fence Construction Drainage Improvements

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# “Smugglers Gulch” San Diego



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