Legend

- Existing Channel

Recommended Improvements

- Storm Drain Phase 2

Undersized Crossing Phase 1

Phelps Dodge System
Fort Bliss Spur Drain (EA1)
East Side Region
El Paso Stormwater Master Plan

Date: 03/05/2009

Figure 8-6

Phase 1
- Increase crossing capacity to two 3-ft X 4-ft CBCs
- Remove french drain crossing and replace with concrete lined channel
Phase 1
Increase channel capacity to a 10-ft wide by 3-ft deep rectangular channel

Phase 1
Increase crossing capacity to a 10-ft X 3-ft CBC

Phase 2
Install storm drain system to direct runoff to Lorne Channel

Legend
- Existing Channel
- Existing Basin

Recommended Improvements
- Channel Phase 1
- Storm Drain Phase 2
- Undersized Crossing Phase 1

Phelps Dodge System
Lorne Channel (EA3)
East Side Region
El Paso Stormwater Master Plan

Date: 03/05/2009 Figure 8-8
Increase storage at park to approximately 85 acre-feet

Legend
- Eastwood/Album Park Boundary
- Storm Drain
- Proposed Basin

Phelps Dodge System
Zanzibar Storm Drain and Storage (EA4)
East Side Region
El Paso Stormwater Master Plan

Date: 03/05/2009  Figure 8-9
Mesa Drain Upstream System
McRae and Wedgewood
Storm Drain (EA5)
East Side Region
El Paso Stormwater Master Plan

Legend

- Existing Dam
- Recommended Improvements
  - Storm Drain Phase 1
  - Storm Drain Phase 2
  - Increase Capacity of Existing Storm Drain

EASTWOOD DAM
GILES BASIN DAM

Phase 1
Increase capacity of existing storm drain system

Phase 2
Install storm drain system to tie into existing system

Scale: 1:12,000 or 1 inch = 1,000 feet

Date: 03/05/2009
Figure 8-10
Phase 1: Install storm drain system and increase capacity of existing storm drain system.

Phase 2: Increase size of Bluff Channel to 20-ft bottom width, 4-ft depth, and 1.5H:1V side slopes and concrete liner.

Phase 1: Increase crossing capacity to three 10-ft x 5-ft CBCs.

Legend:
- Existing Channel
- Existing Storm Drain
- Recommended Improvements
- Phase 1
- Phase 2
- Increase Capacity of Existing Storm Drain
- Undersized Crossing Phase 1

Americas Basin System
Bluff Channel (EA8)
East Side Region
El Paso Stormwater Master Plan

Date: 03/05/2009  Figure 8-13
Legend
- Existing Channel
- Recommended Improvement
- Phase 2
- Proposed Basin Phase 1

Americas Ten Basin System
RV Channel (EA9)
East Side Region
El Paso Stormwater Master Plan

Date: 03/05/2009 Figure 8-14