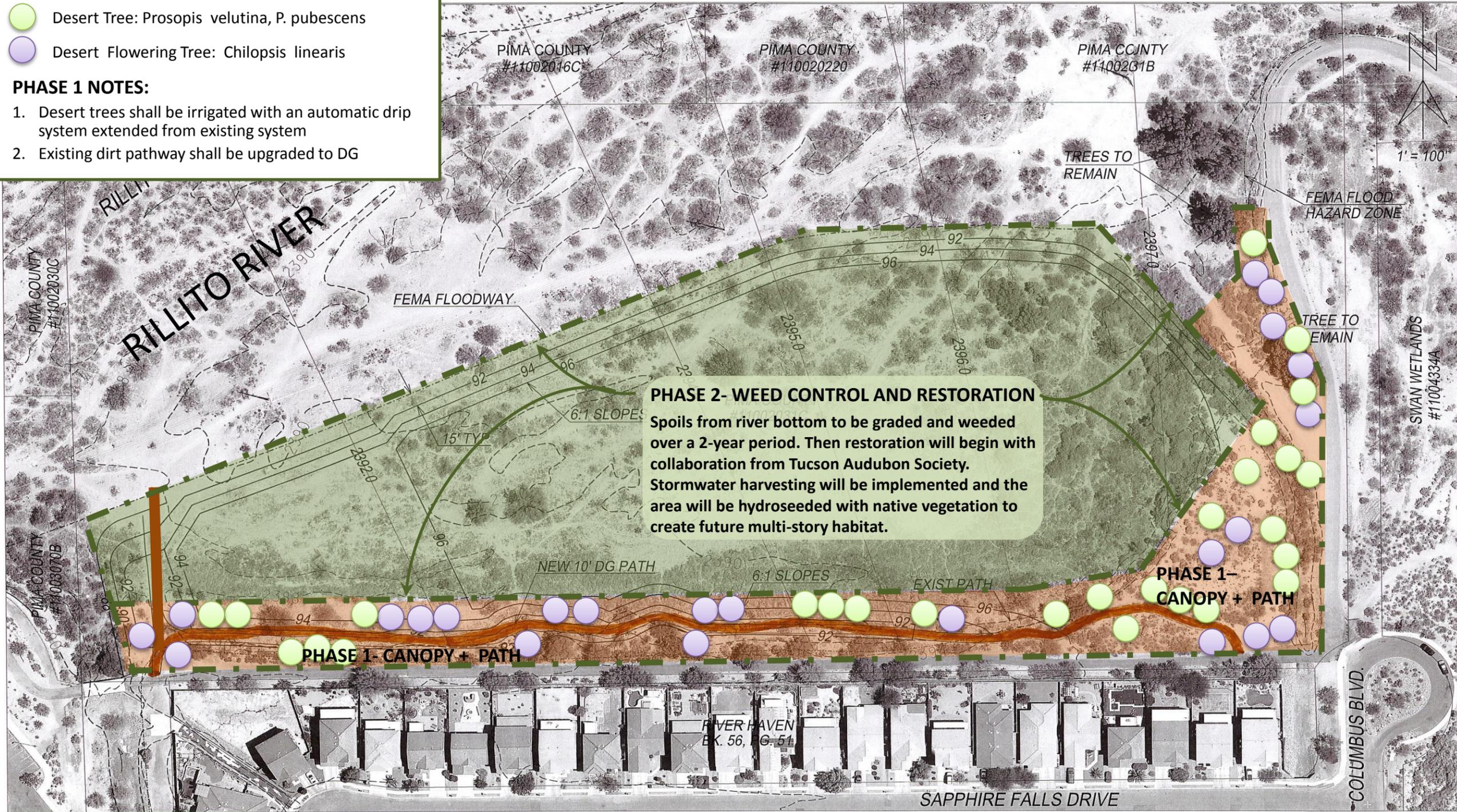


**KEY**

- Desert Tree: *Prosopis velutina*, *P. pubescens*
- Desert Flowering Tree: *Chilopsis linearis*

**PHASE 1 NOTES:**

1. Desert trees shall be irrigated with an automatic drip system extended from existing system
2. Existing dirt pathway shall be upgraded to DG



**PHASE 2- WEED CONTROL AND RESTORATION**  
 Spoils from river bottom to be graded and weeded over a 2-year period. Then restoration will begin with collaboration from Tucson Audubon Society. Stormwater harvesting will be implemented and the area will be hydroseeded with native vegetation to create future multi-story habitat.

NO.	REVISION DESCRIPTION	DIV/SECT/ENGR.	DATE

PIMA COUNTY REGIONAL FLOOD CONTROL DISTRICT

**RILLITO RIVER**

SEDIMENT REMOVAL - GRADING PLAN  
 DODGE BLVD. TO GRAYCROFT RD.



SCALE: 1"=100' @ 11"x17"

SHEET 1 OF 1

**PROJECT PURPOSE:**

- Over time, sediment is transported into our washes reducing their flood water carrying capacity. The removal of sediment from the Rillito River bottom returns the capacity so typical storms will not top the banks and flood nearby homes.
- By choosing this location for the spoils, Pima County tax payers save \$5 million in hauling charges.

June 2016

**Restoration Concept Plan  
 RILLITO RIVER SEDIMENT RELOCATION**

## Phase 2- Possible Hydroseed List

Final plant species to be determined at time of hydroseed application

### Understory Plants

Species	Common name	lbs PLS/acre
<i>Ambrosia deltoidea</i>	triangle-leaf bursage	1
<i>Aristida purpurea</i>	purple tree-awn	1
<i>Baileya multiradiata</i>	desert marigold	0.5
<i>Bouteloua aristidoides</i>	needle grama	1
<i>Bouteloua curtipendula</i>	sideoats grama	2
<i>Bouteloua rothrockii</i>	Rothrock's grama	0.5
<i>Castilleja exerta ssp. exerta</i>	owl's clover	0.25
<i>Curcubita digita</i>	finger-leaf gourd	0.5
<i>Digitaria californica</i>	Arizona cottontop	0.25
<i>Encelia farinosa</i>	brittlebush	0.5
<i>Escholtzia mexicana</i>	Mexican poppy	1.0
<i>Glandularia goodingii</i>	desert verbena	0.25
<i>Larrea tridentata</i>	creosote	0.5
<i>Lesquerella gordonii</i>	Gordon bladderpod	1
<i>Lupinus sparsiflorus</i>	desert lupine	0.25
<i>Plantago ovata</i>	desert Indian wheat	1
<i>Proboscidea parviflora</i>	devil's claw	0.5
<i>Psilostrophe cooperi</i>	paperflower	1
<i>Salvia columbariae</i>	chia	0.25
<i>Senna covesii</i>	desert senna	1
<i>Sphaeralcea ambigua</i>	globemallow	1
<i>Sphaeralcea coulteri</i>	granite seed	0.25
<i>Zinnia acerosa</i>	Desert zinnia	0.5

### Trees and Large Shrubs

BOTANICAL NAME	COMMON NAME
<i>CHILOPSIS LINEARIS</i>	DESERT WILLOW
<i>PROSOPIS PUBESCENS</i>	SCREWBEAN MESQUITE
<i>PROSOPIS VELUTINA</i>	VELVET MESQUITE
<i>PROSOPIS VELUTINA</i>	VELVET MESQUITE
<i>SAMBUCUS MEXICANA</i>	MEXICAN ELDERBERRY
<i>ACACIA CONSTRICTA</i>	WHITETHORN ACACIA
<i>ANISACANTHUS THURBERII</i>	DESERT HONEYSUCKLE
<i>CELTIS PALLIDA</i>	NETLEAF HACKBERRY
<i>CONDALIA GLOBOSA</i>	BITTER CONDALIA
<i>LYGIUM BERLANDIERI</i>	WOLFBERRY
<i>ZIZYPHUS OBTUSIFOLIA</i>	GREYTHORN