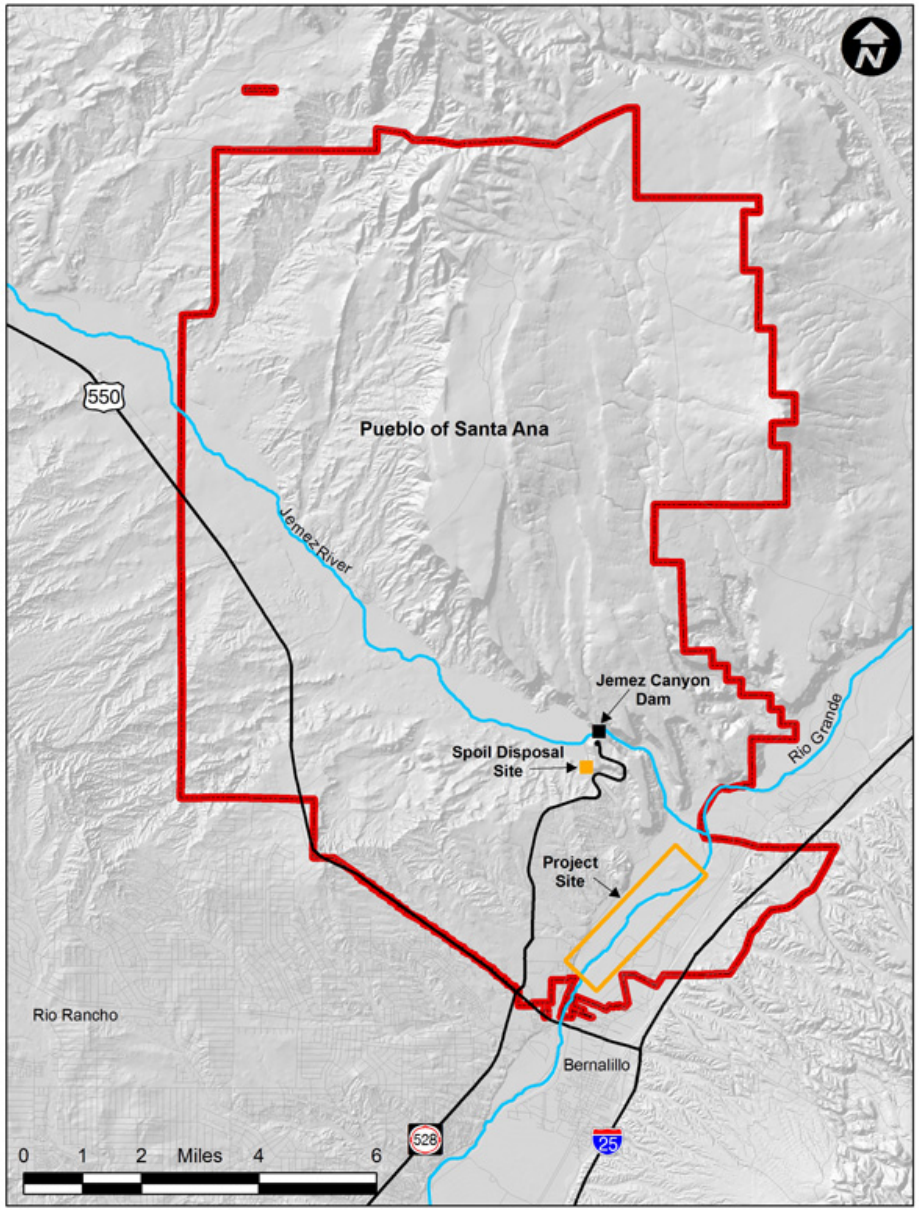
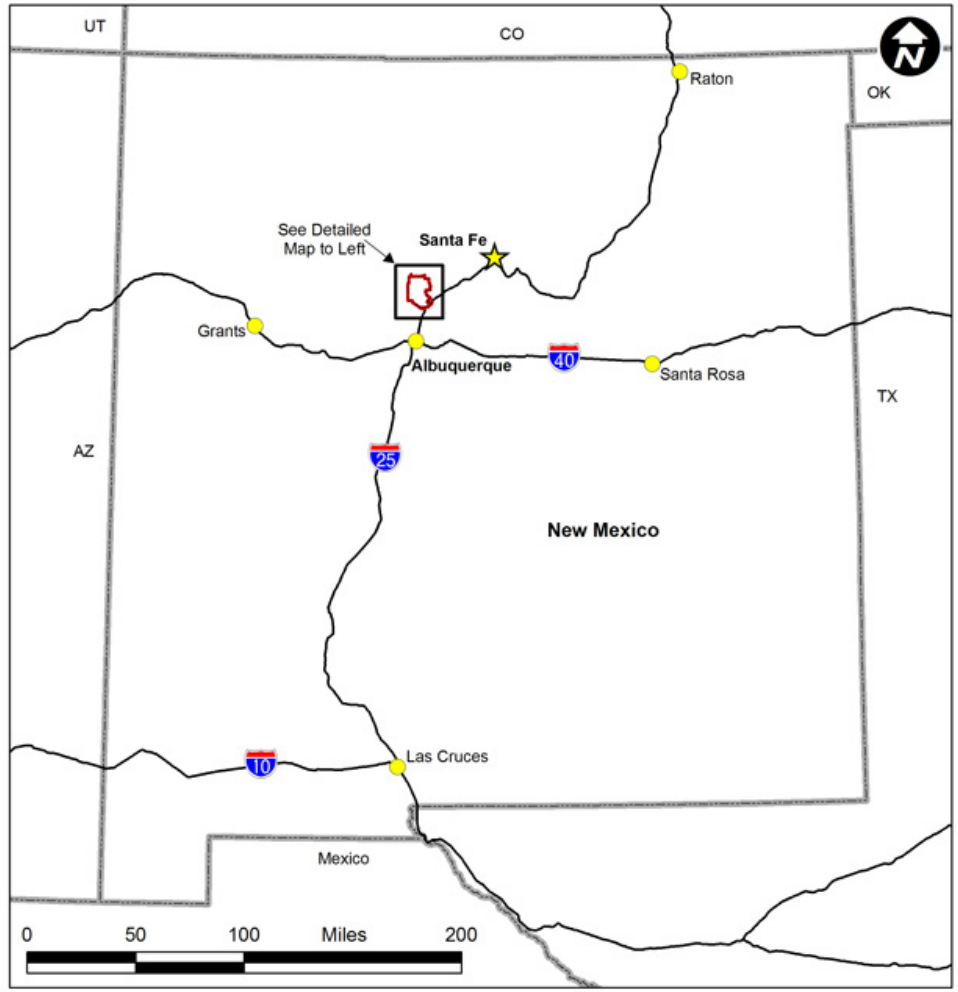


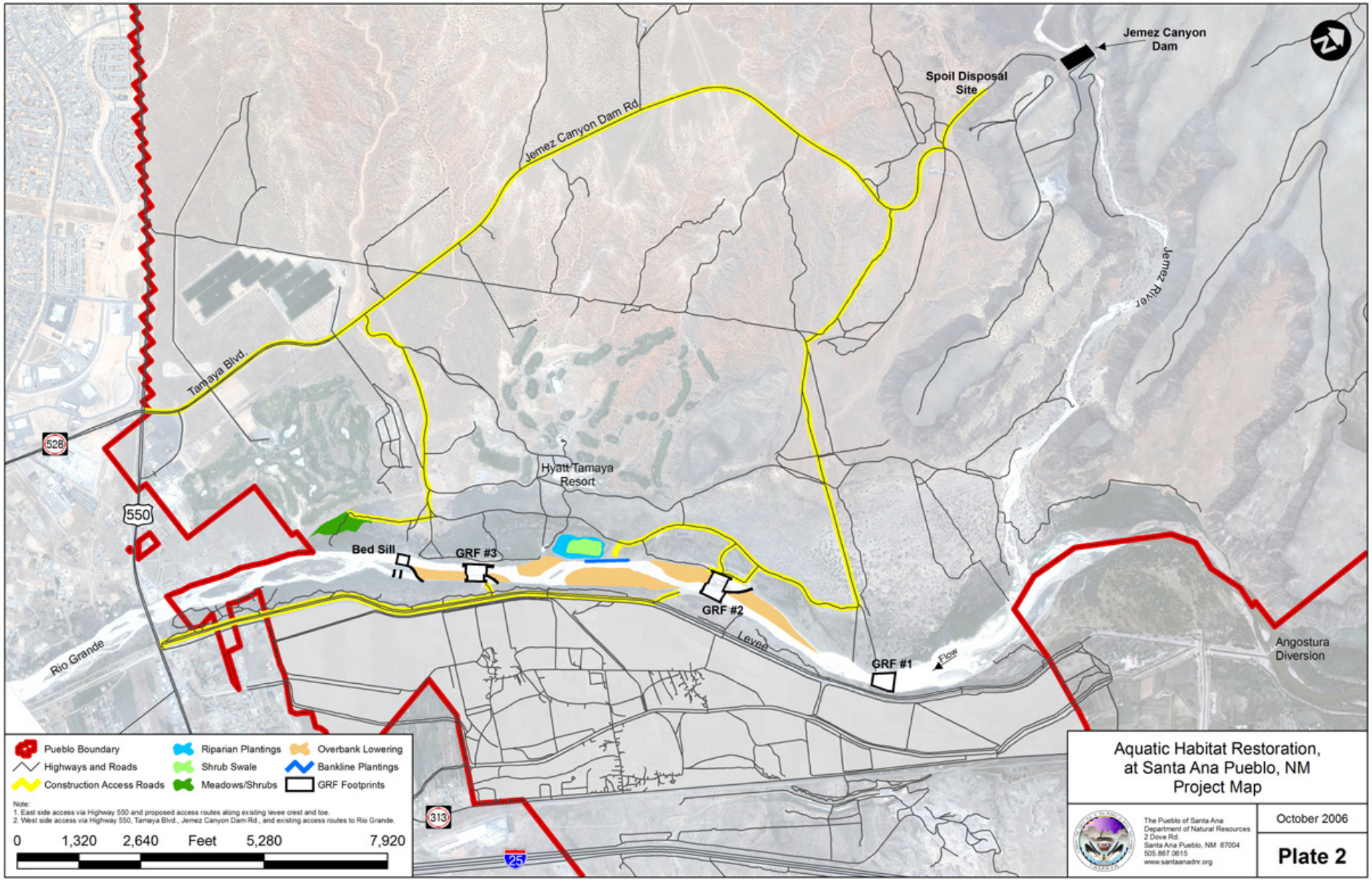


Aquatic Habitat Restoration, at Santa Ana Pueblo, NM
Location Map

The Pueblo of Santa Ana
Department of Natural Resources
2 Dove Rd
Santa Ana Pueblo, NM 87004
505.867.0615
www.santaanadnr.org

October 2006

Plate 1


Jemez Canyon Dam
Spoil Disposal Site
Jemez Canyon Dam Rd.
Jemez River
Tamaya Blvd.
528
550
Hyatt Tamaya Resort
Bed Sill
GRF #3
GRF #2
Levee
GRF #1
Flow
Rio Grande
Angostura Diversion
313
25
Pueblo Boundary
Highways and Roads
Construction Access Roads
Riparian Plantings
Shrub Swale
Meadows/Shrubs
Overbank Lowering
Bankline Plantings
GRF Footprints
Note:
1. East side access via Highway 550 and proposed access routes along existing levee crest and toe.
2. West side access via Highway 550, Tamaya Blvd., Jemez Canyon Dam Rd., and existing access routes to Rio Grande.
0 1,320 2,640 Feet 5,280 7,920
Aquatic Habitat Restoration, at Santa Ana Pueblo, NM
Project Map
The Pueblo of Santa Ana
Department of Natural Resources
2 Dove Rd
Santa Ana Pueblo, NM 87004
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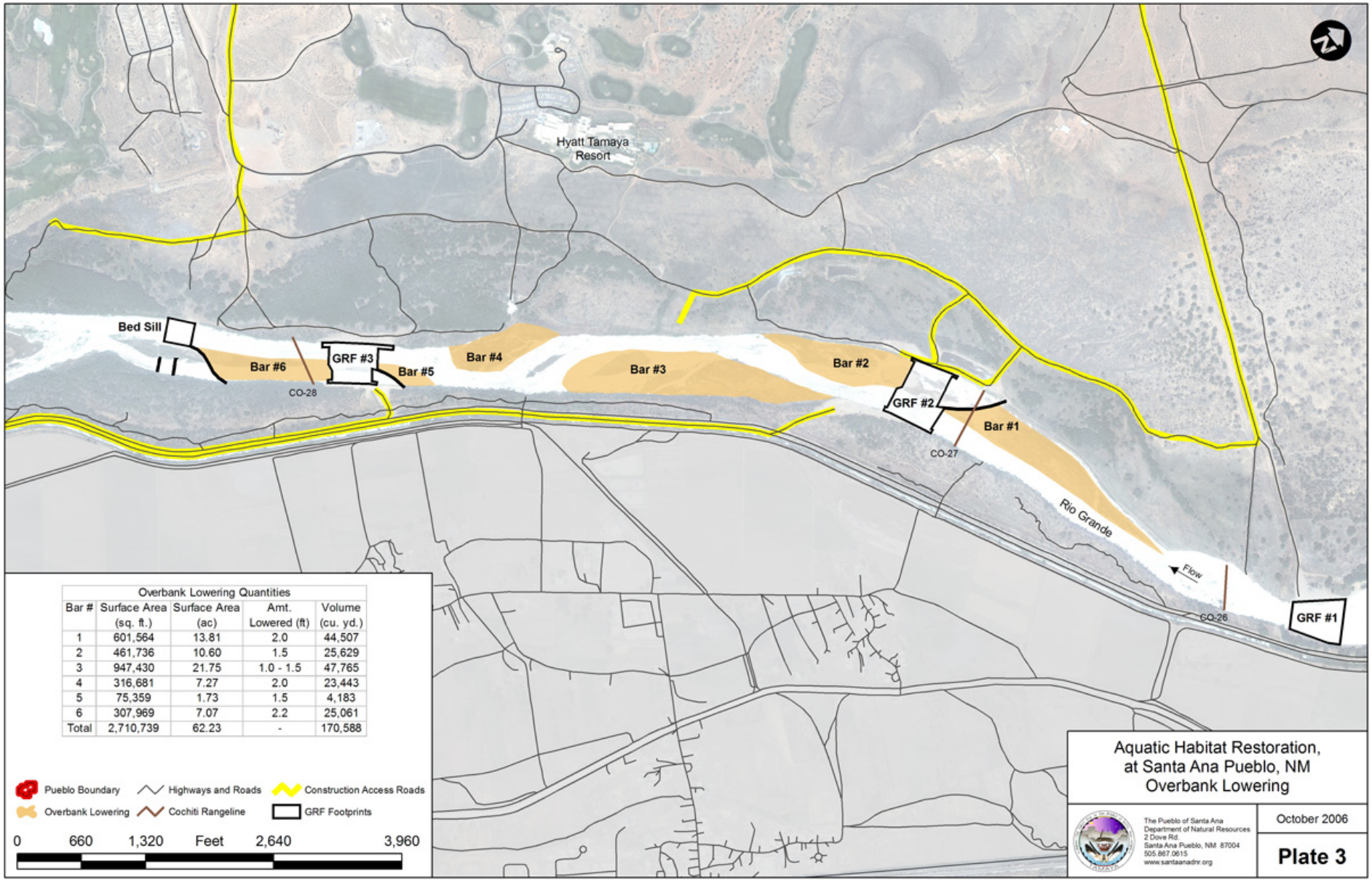
October 2006
Plate 2



Overbank Lowering Quantities

Bar #	Surface Area (sq. ft.)	Surface Area (ac)	Amt. Lowered (ft)	Volume (cu. yd.)
1	601,564	13.81	2.0	44,507
2	461,736	10.60	1.5	25,629
3	947,430	21.75	1.0 - 1.5	47,765
4	316,681	7.27	2.0	23,443
5	75,359	1.73	1.5	4,183
6	307,969	7.07	2.2	25,061
Total	2,710,739	62.23	-	170,588

Aquatic Habitat Restoration,
at Santa Ana Pueblo, NM
Overbank Lowering

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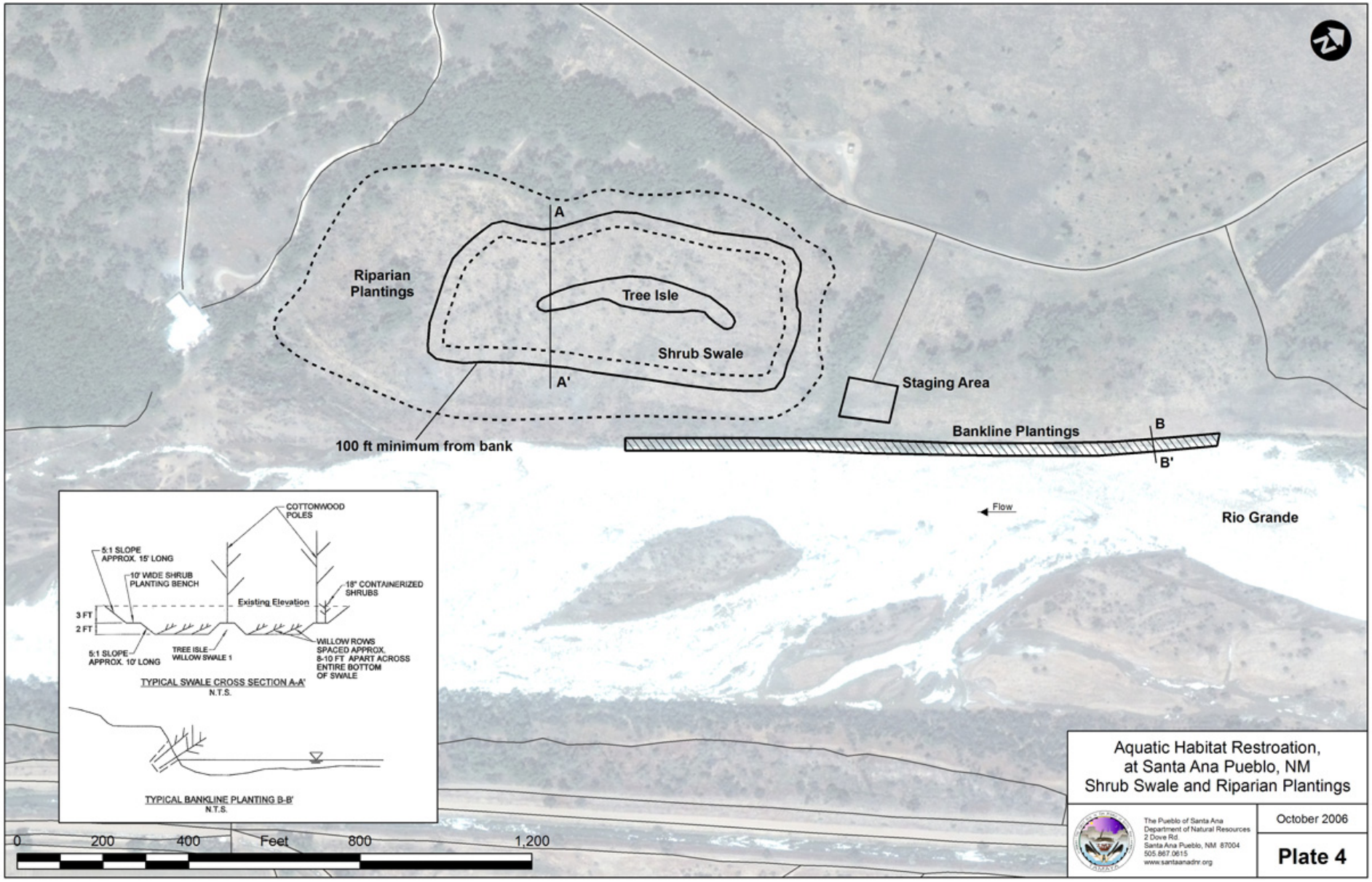
Plate 3


Riparian Plantings
Tree Isle
Shrub Swale
A
A'
Staging Area
Bankline Plantings
B
B'
100 ft minimum from bank
Flow
Rio Grande
COTTONWOOD POLES
5:1 SLOPE APPROX. 15' LONG
10' WIDE SHRUB PLANTING BENCH
18" CONTAINERIZED SHRUBS
Existing Elevation
3 FT
2 FT
5:1 SLOPE APPROX. 10' LONG
TREE ISLE WILLOW SWALE 1
WILLOW ROWS SPACED APPROX. 8-10 FT APART ACROSS ENTIRE BOTTOM OF SWALE
TYPICAL SWALE CROSS SECTION A-A'
N.T.S.
TYPICAL BANKLINE PLANTING B-B'
N.T.S.
0
200
400
Feet
800
1,200
Aquatic Habitat Restroation,
at Santa Ana Pueblo, NM
Shrub Swale and Riparian Plantings
The Pueblo of Santa Ana
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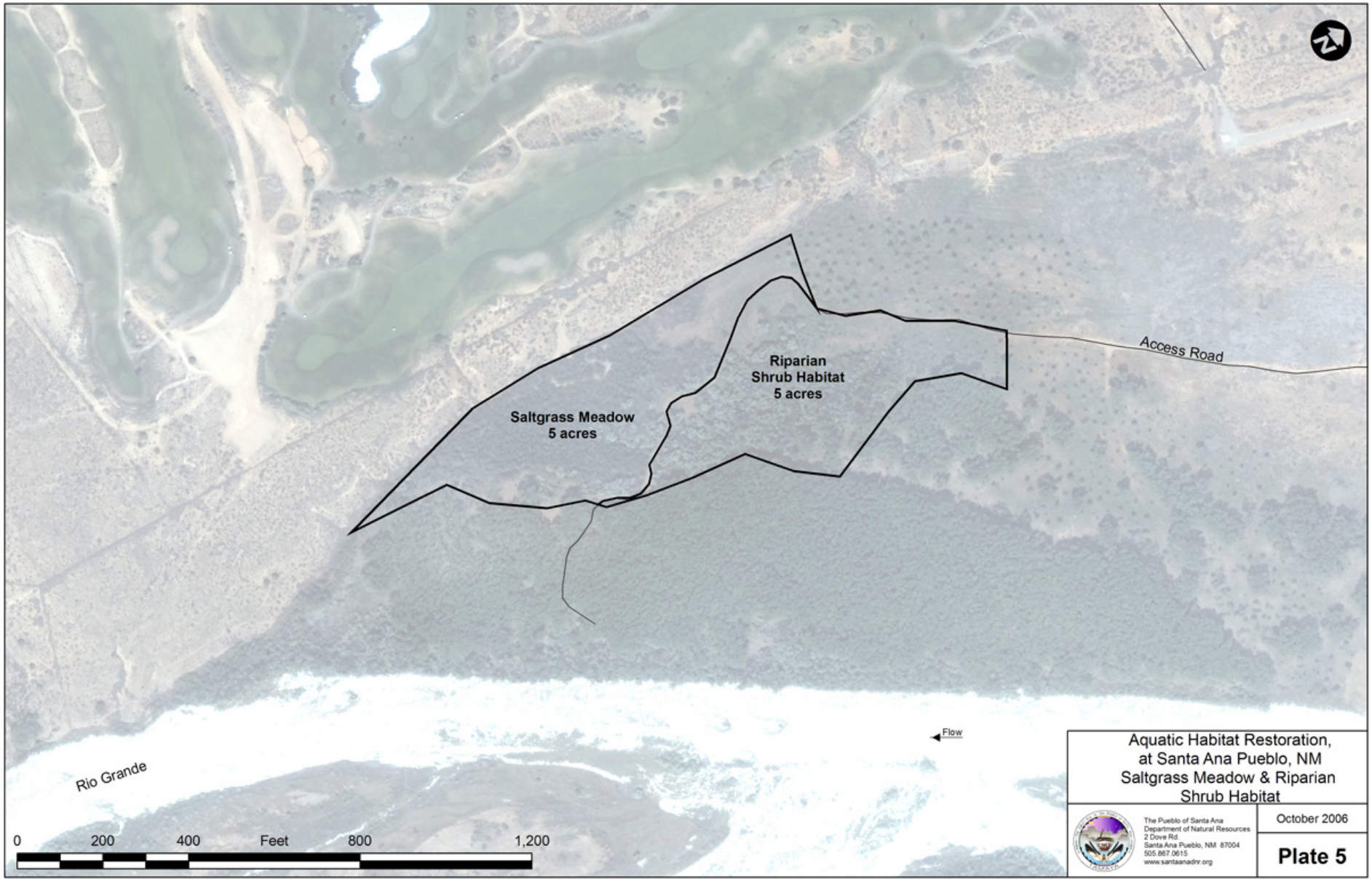
October 2006
Plate 4



Aquatic Habitat Restoration,
at Santa Ana Pueblo, NM
Saltgrass Meadow & Riparian
Shrub Habitat

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Plate 5