### VOLUME II

#### Plate Volume

Upper Guadalupe River Flood Control Project

Draft Environmental Impact Report/ Environmental Impact Statement

Prepared by:

Santa Clara Valley Water District

忍尔哲 38.D73 1997

GAR-

U.S. Army Corps of Engineers

January 1997

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70425680711999**4.20.2** 

SANTA CLARA VALLEY WATER DISTRICT

LIBRARY 5750 ALMADEN EXPRESSWAY SAN JOSE, CALIFORNIA 95118 The plates in this volume are referenced in the "Vegetation", "Wildlife", and "Visual/Aesthetics" chapters. Plates include:

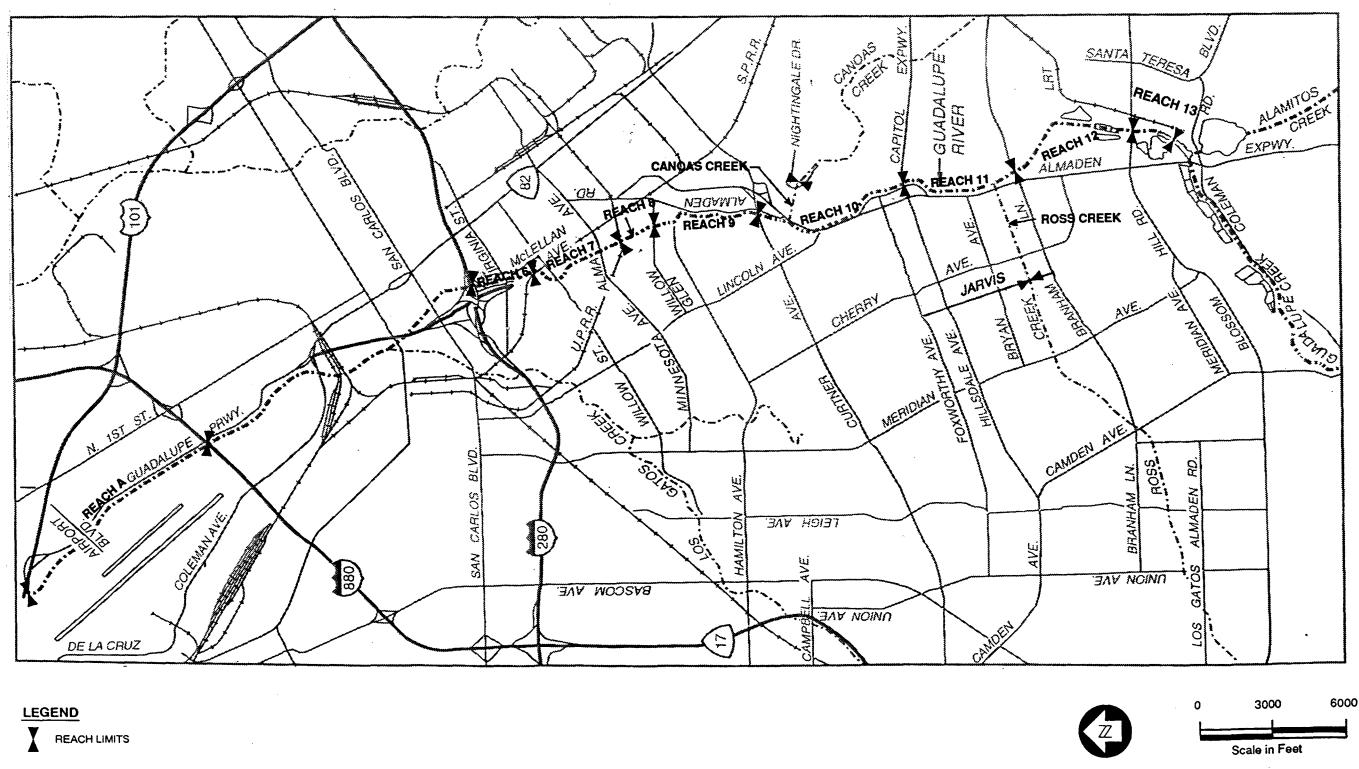
- \* pre-project habitat (existing vegetation along the Guadalupe River)
- \* impacts on vegetation (impacts on existing vegetation from the proposed project)
- \* post-project vegetation (remaining existing vegetation and mitigation vegetation after project construction)
- typical sections (cross sections of Reaches 6 through 12 depicting existing conditions, 5 years post-project with mitigation, 25 years post-project with mitigation, and 75 years post-project with mitigation).

The following map illustrates the limits of the proposed project.

Note:

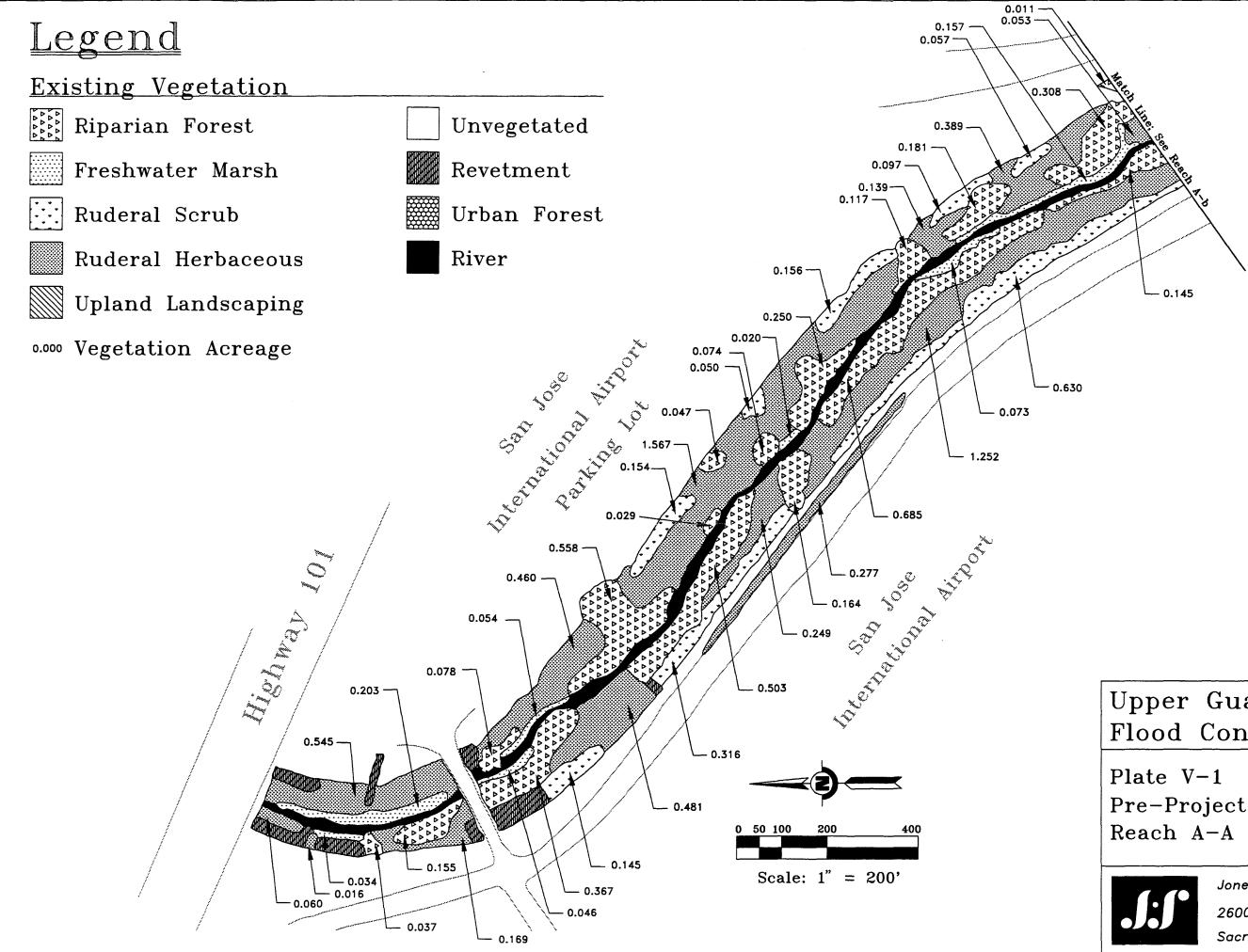
The "river" depicted in the following plates is not the ordinary high water, but instead reflects the water level on October 1984 aerial photographs. Wetland delineation conducted by the District used alternative base maps.

## Project Location Map Guadalupe River Flood Control Project

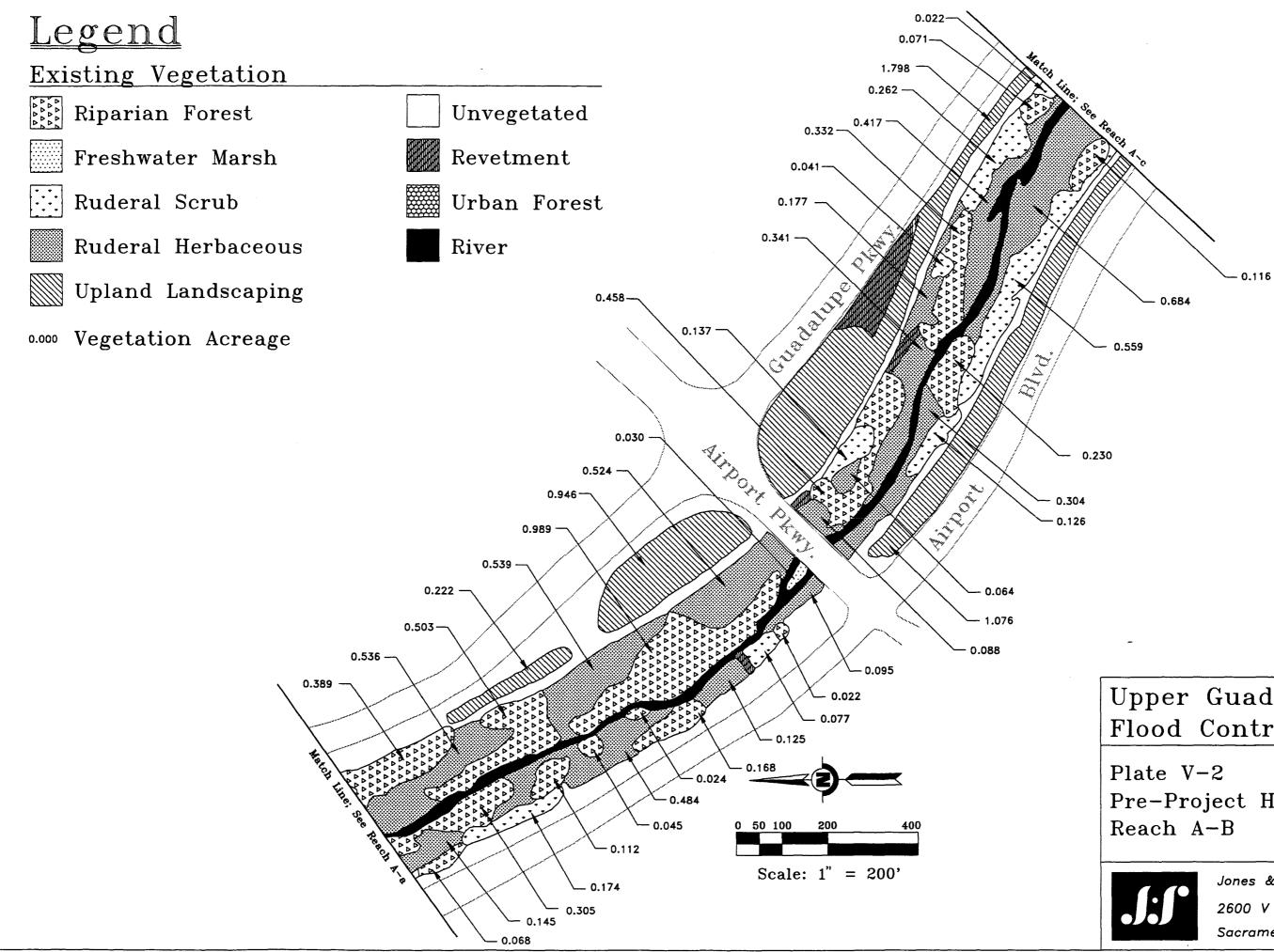


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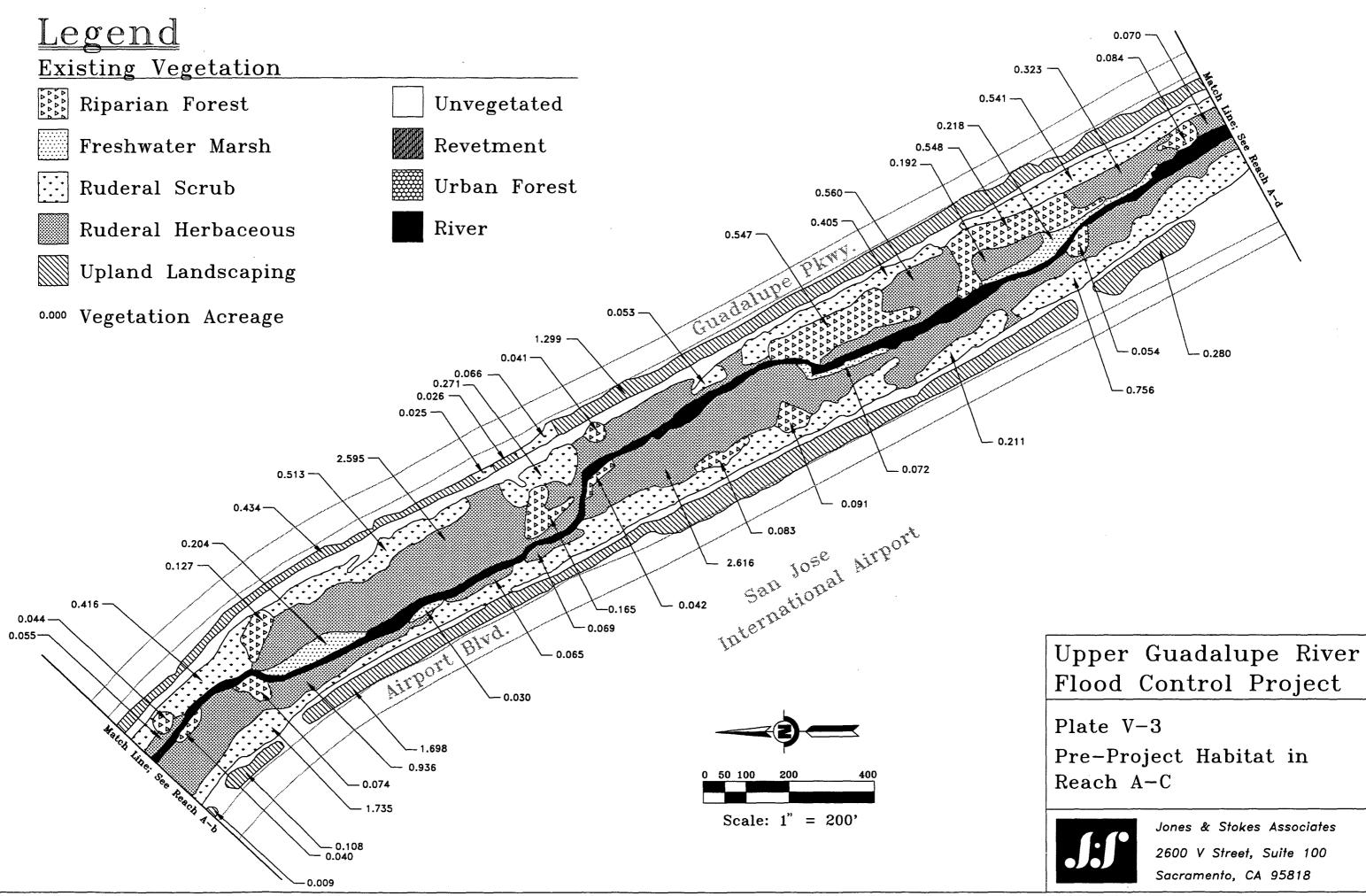
## Pre-Project Habitat

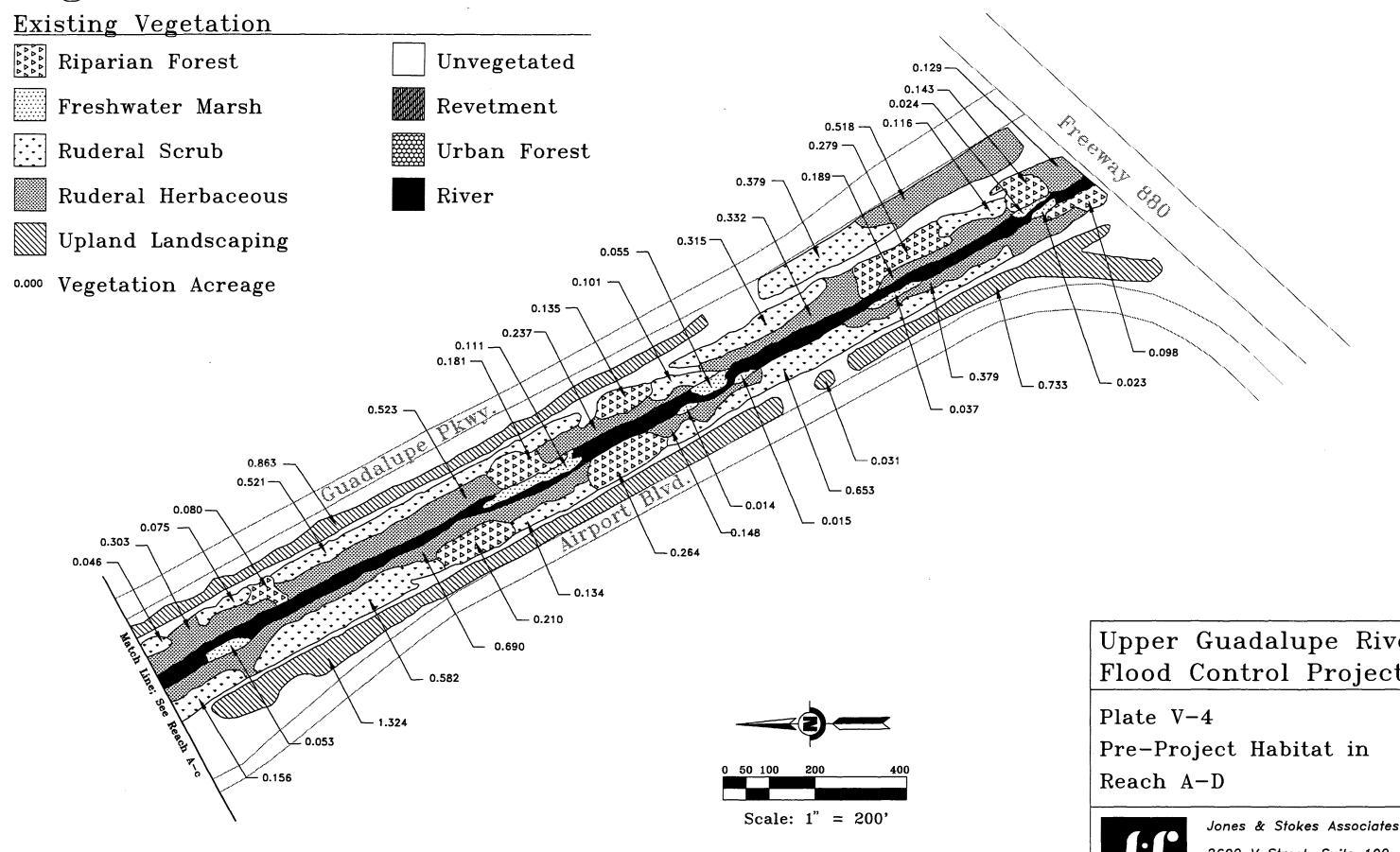


Pre-Project Habitat in



Pre-Project Habitat in



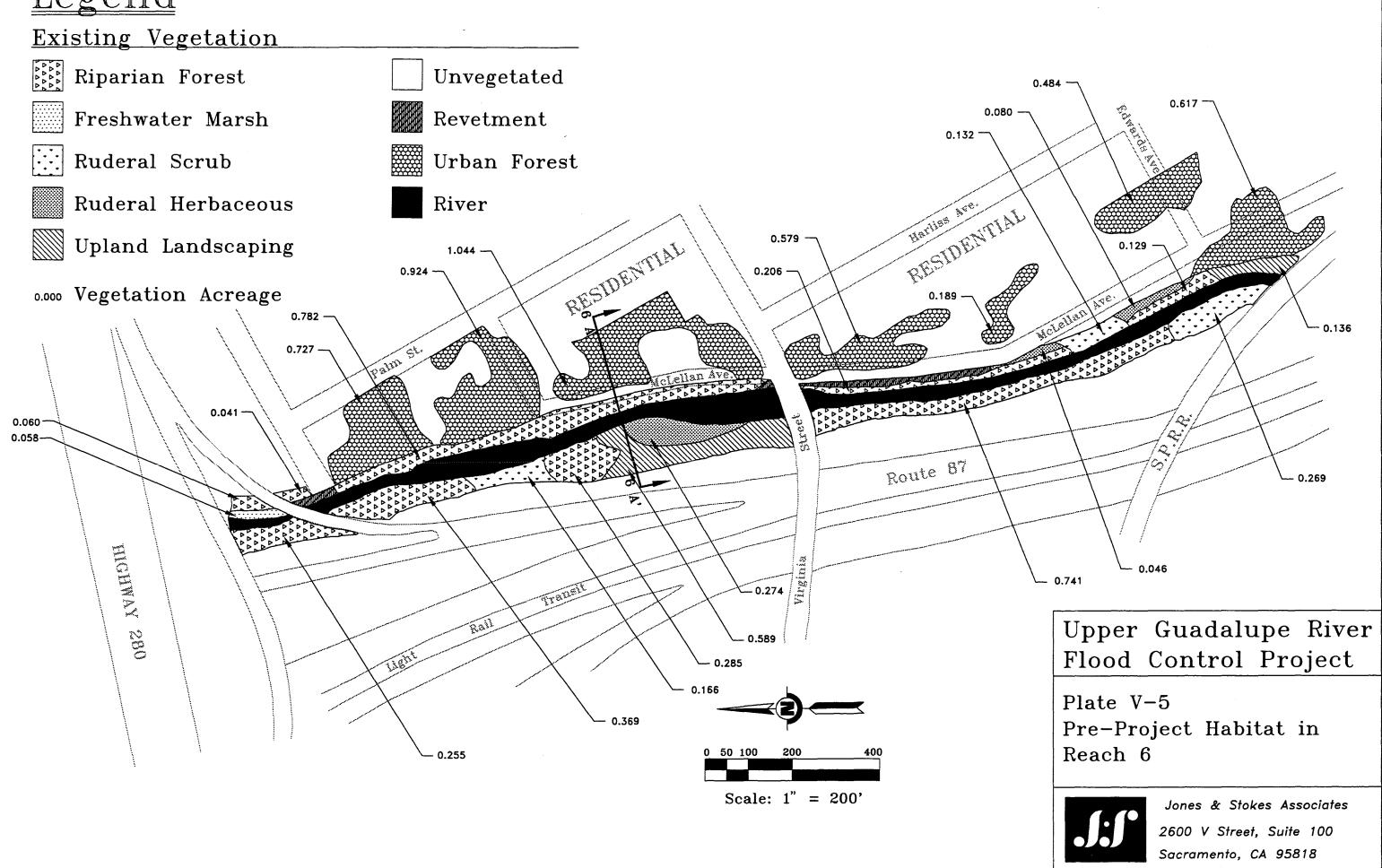


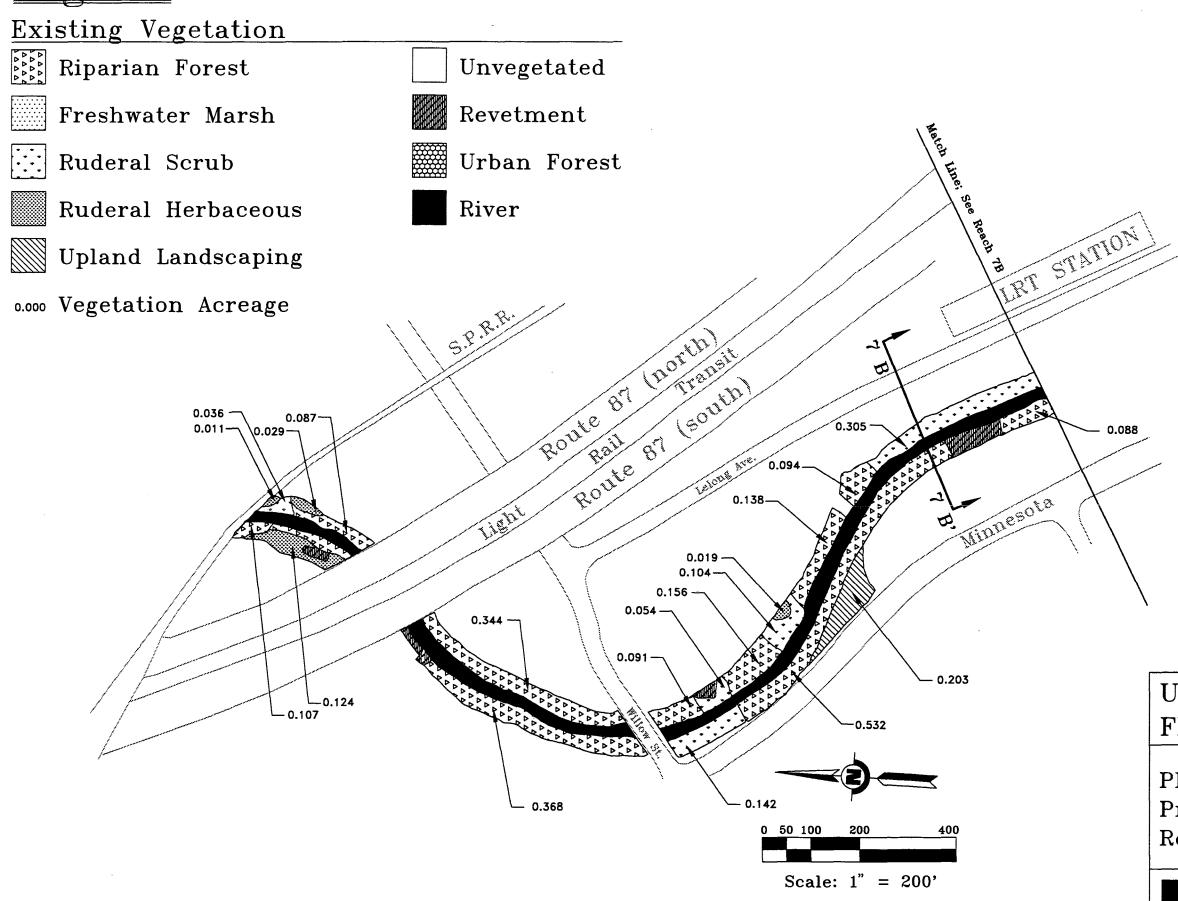
#### Upper Guadalupe River Flood Control Project

Pre-Project Habitat in



2600 V Street, Suite 100 Sacramento, CA 95818





### Upper Guadalupe River Flood Control Project

Plate V-6 Pre-Project Habitat in Reach 7A





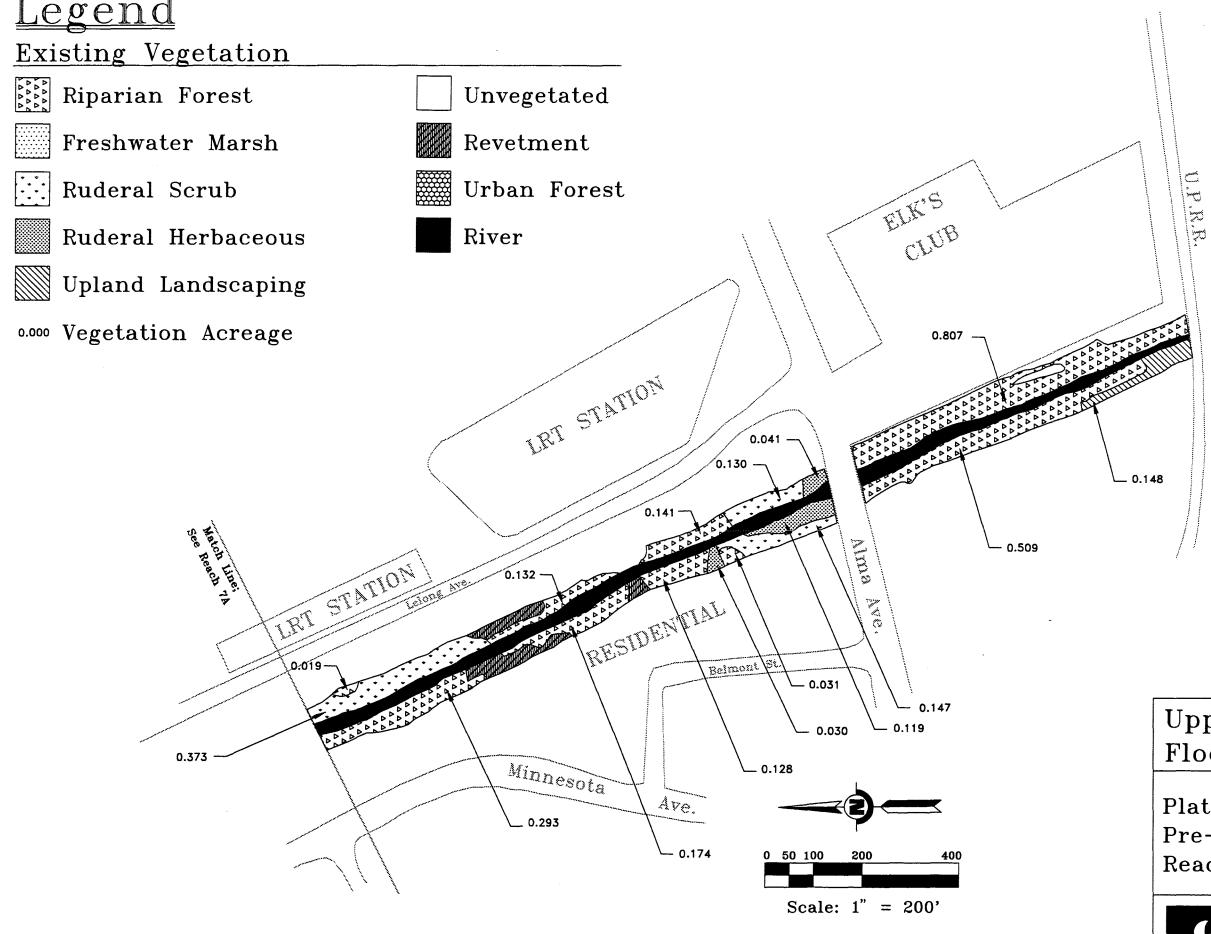


Plate V-7 Pre-Project Habitat in Reach 7B



#### Existing Vegetation



Riparian Forest

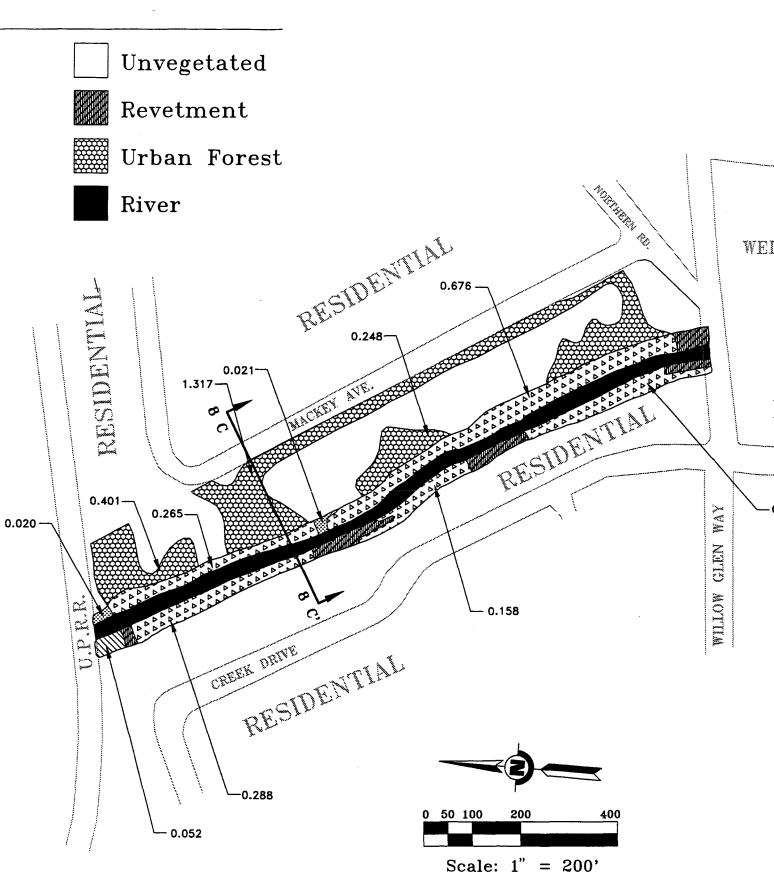
Freshwater Marsh

😳 Ruderal Scrub

Ruderal Herbaceous

Upland Landscaping

0.000 Vegetation Acreage



WELL SITE

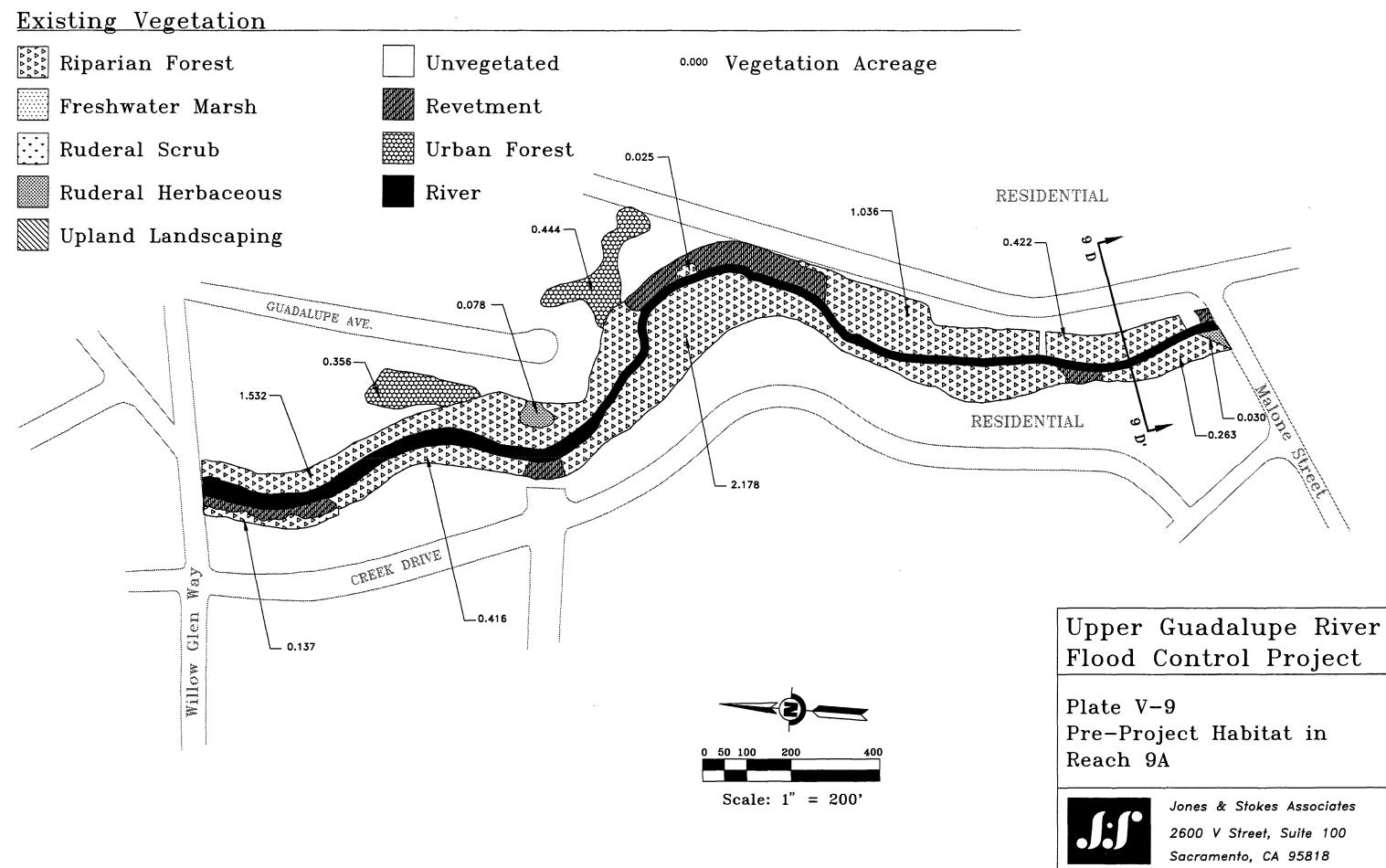
#### RESIDENTIAL

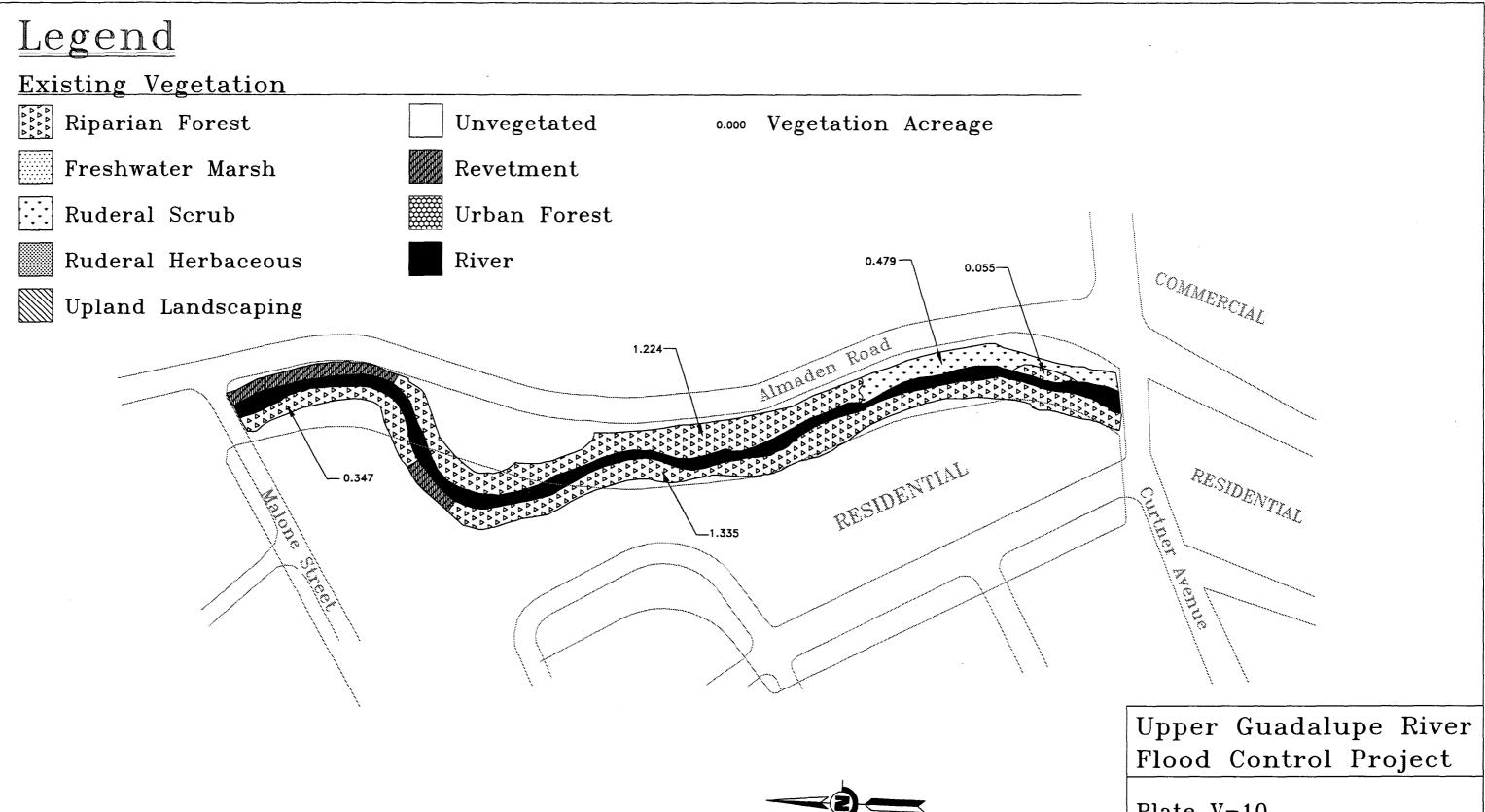
-0.253

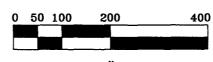
### Upper Guadalupe River Flood Control Project

Plate V-8 Pre-Project Habitat in Reach 8





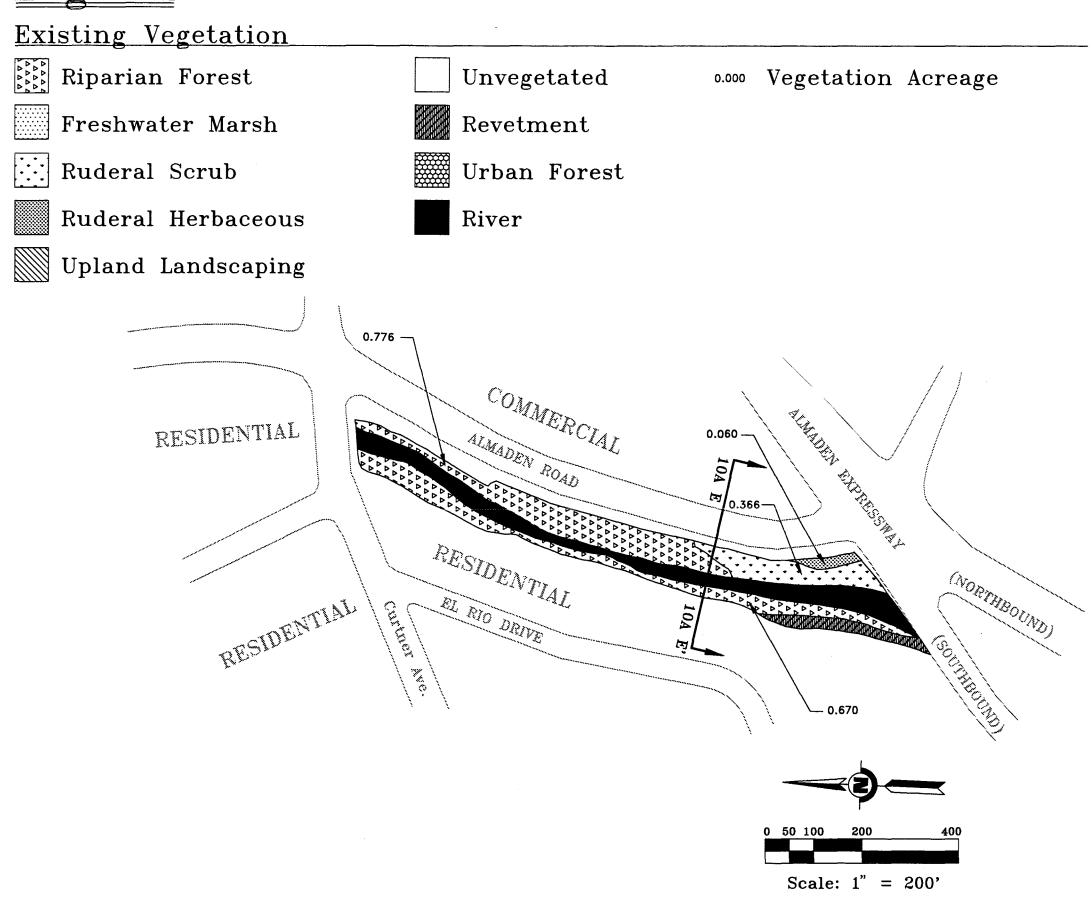




Scale:  $1^{"} = 200'$ 

Plate V-10 Pre-Project Habitat in Reach 9B

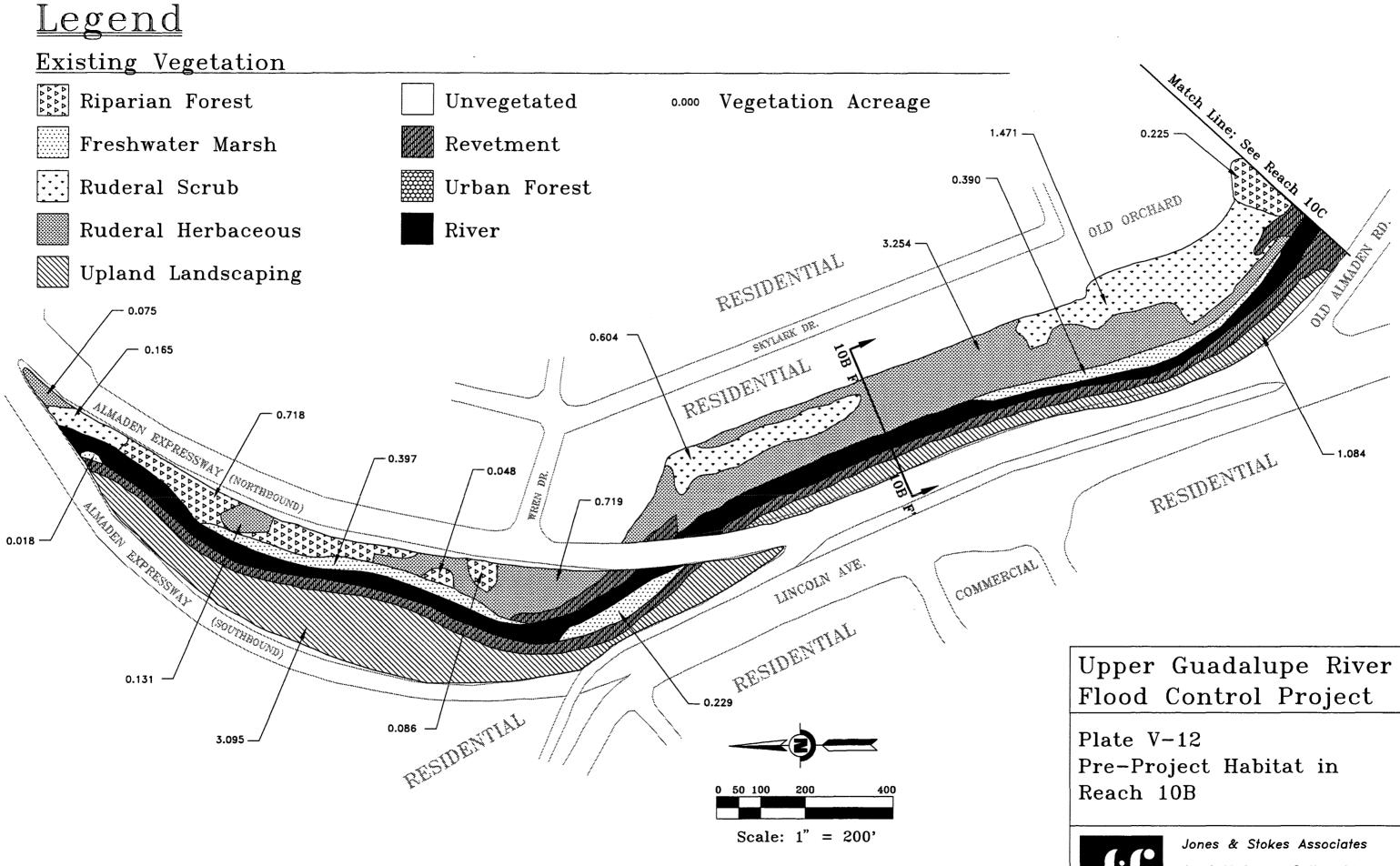




### Upper Guadalupe River Flood Control Project

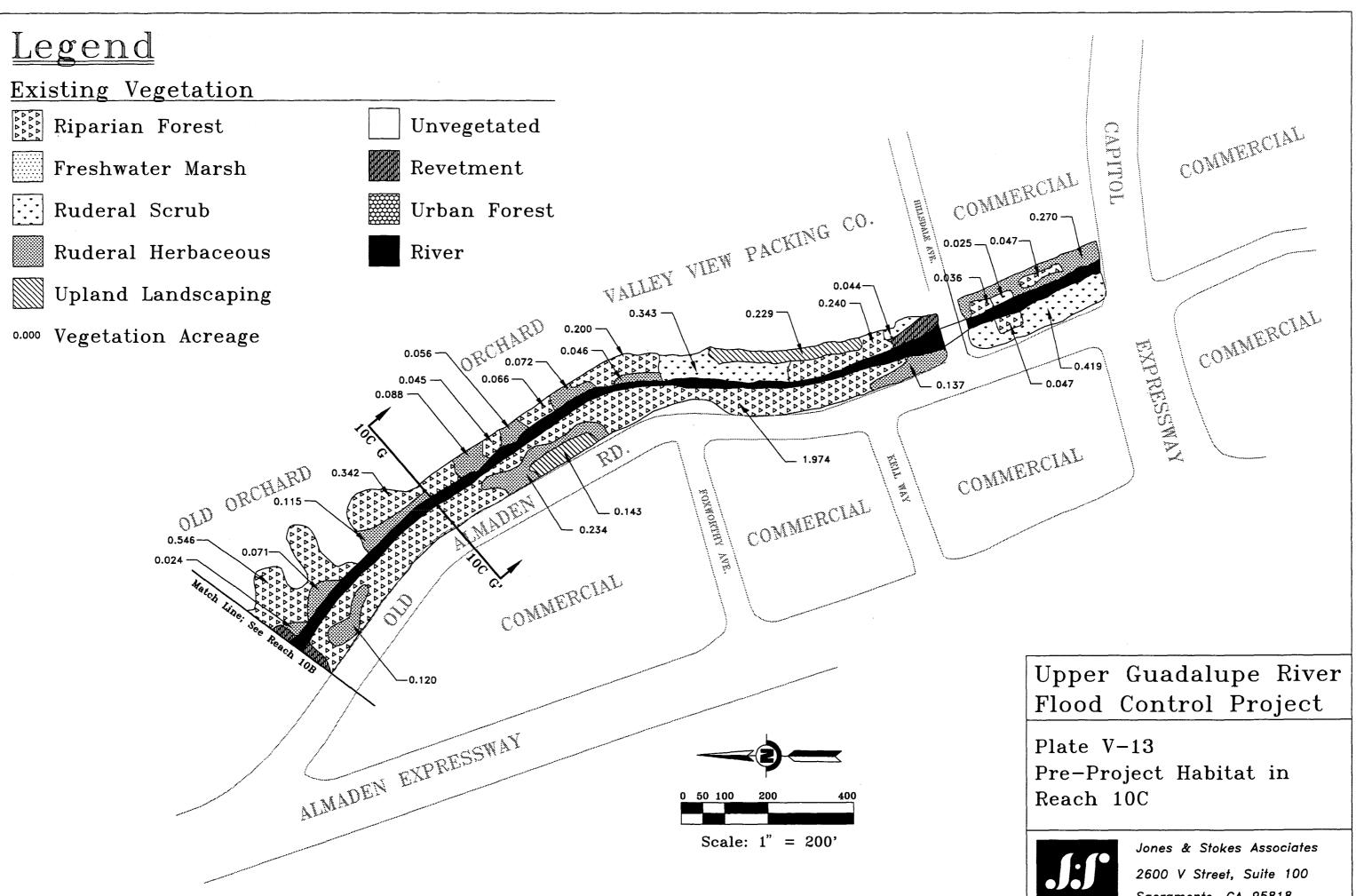
Plate V-11 Pre-Project Habitat in Reach 10A



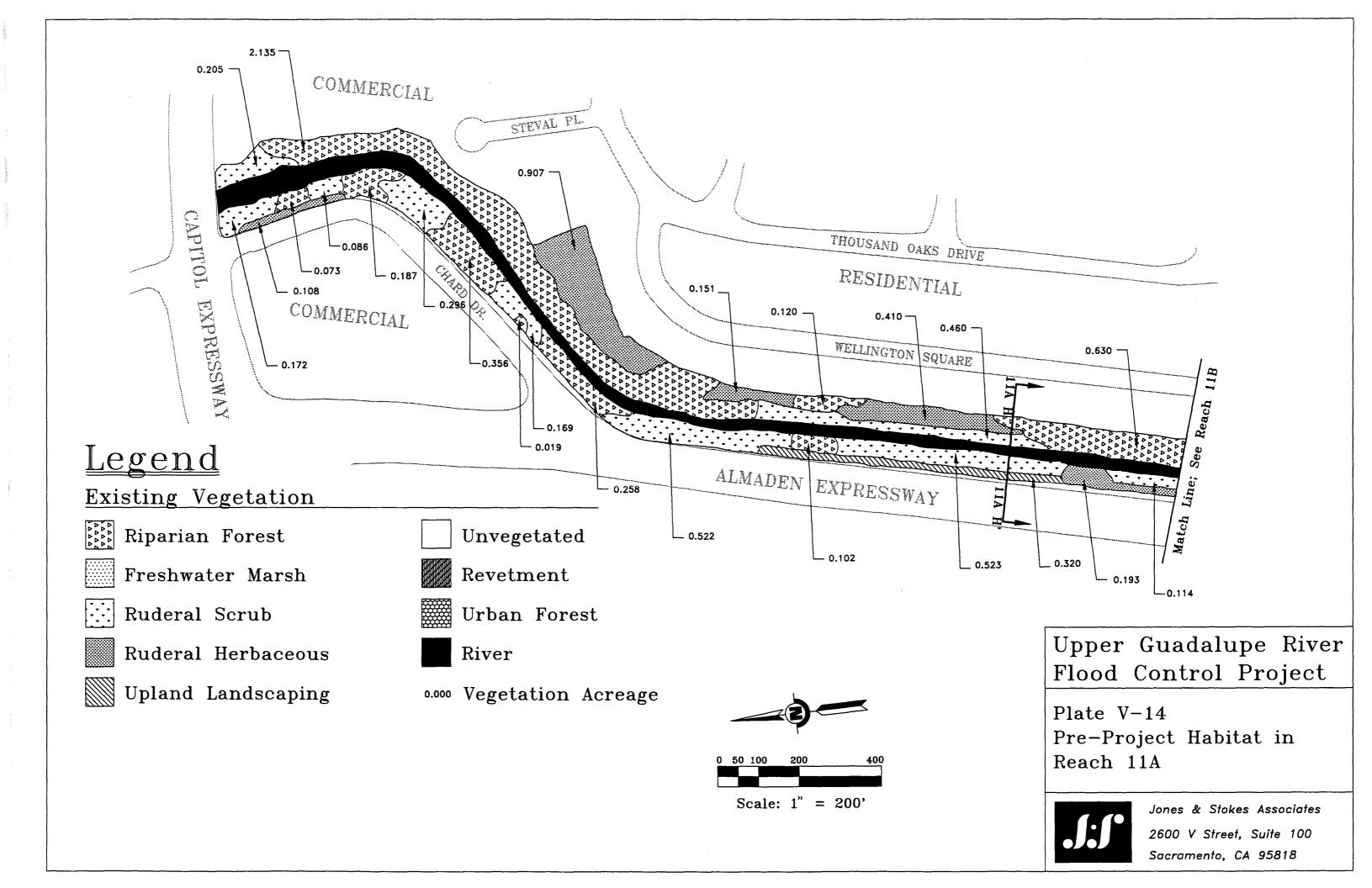


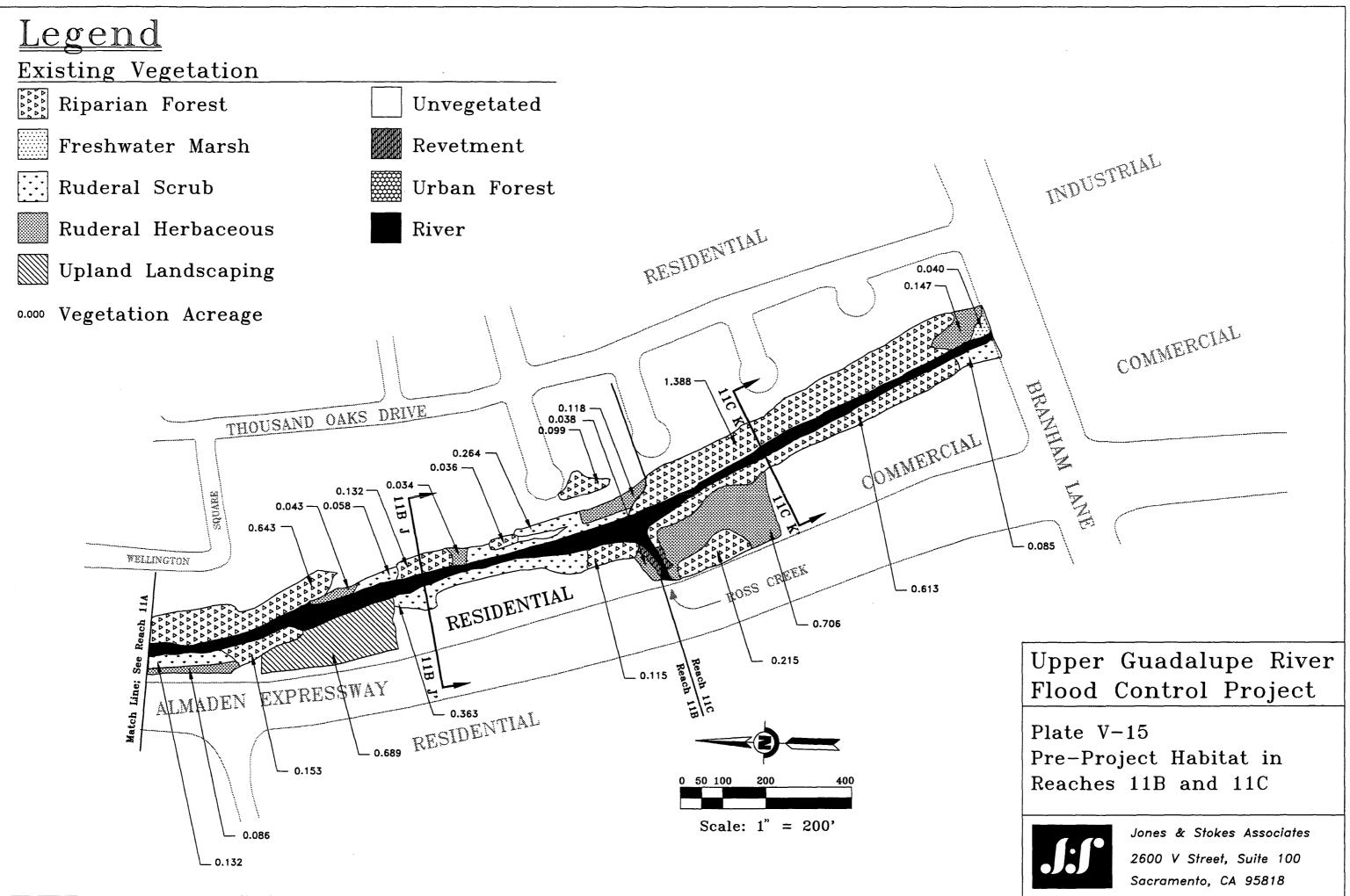


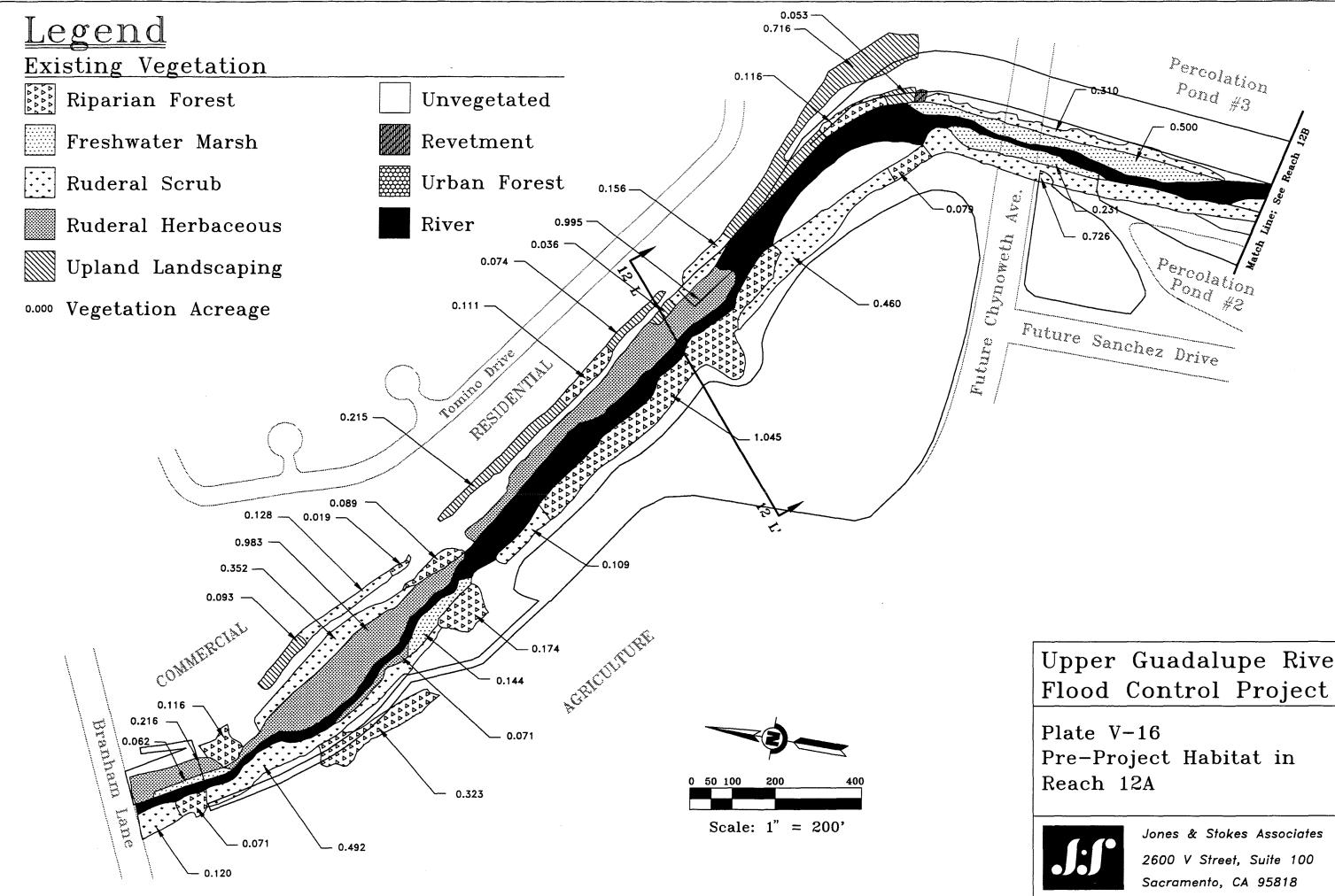
2600 V Street, Suite 100 Sacramento, CA 95818



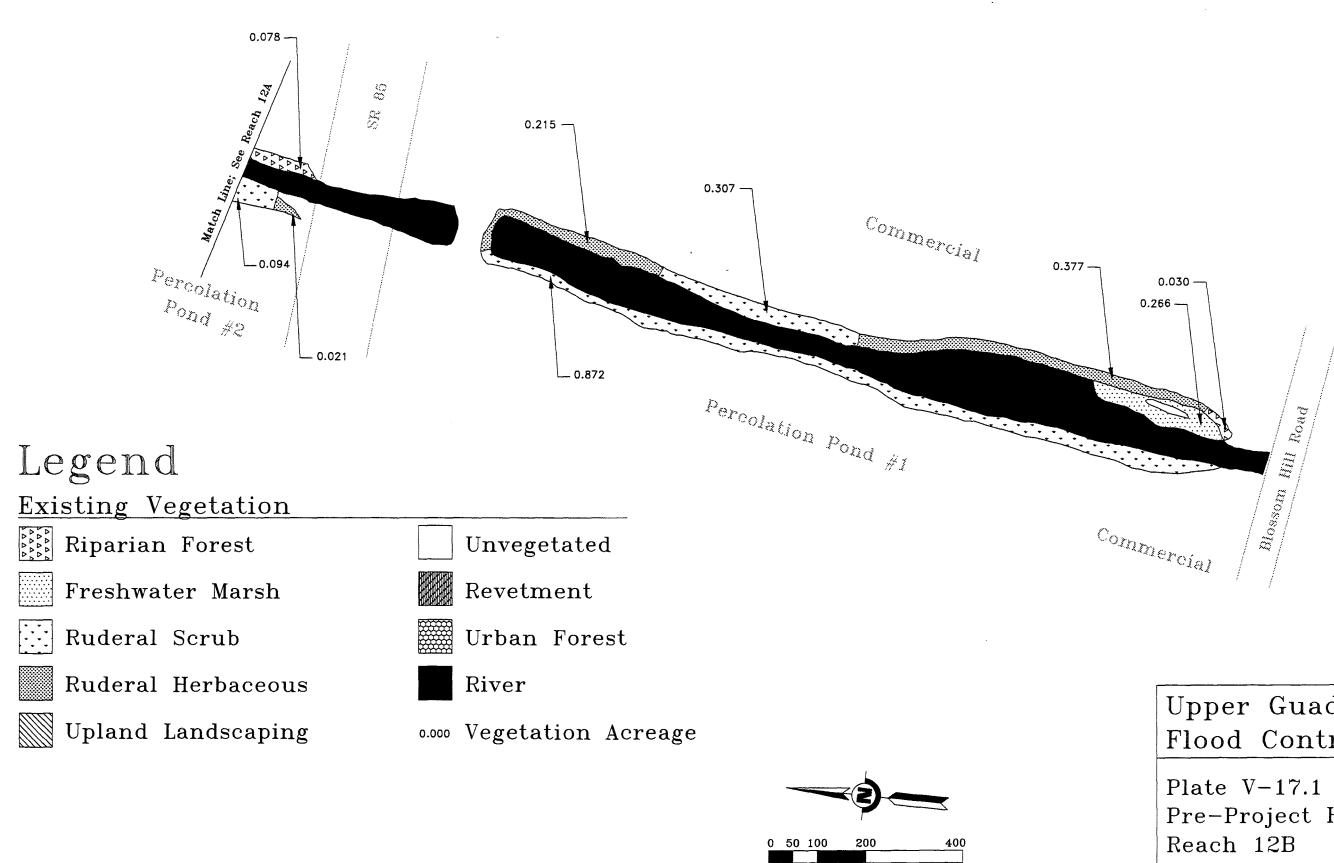
Sacramento, CA 95818







# Upper Guadalupe River



Scale: 1'' = 200'

Pre-Project Habitat in



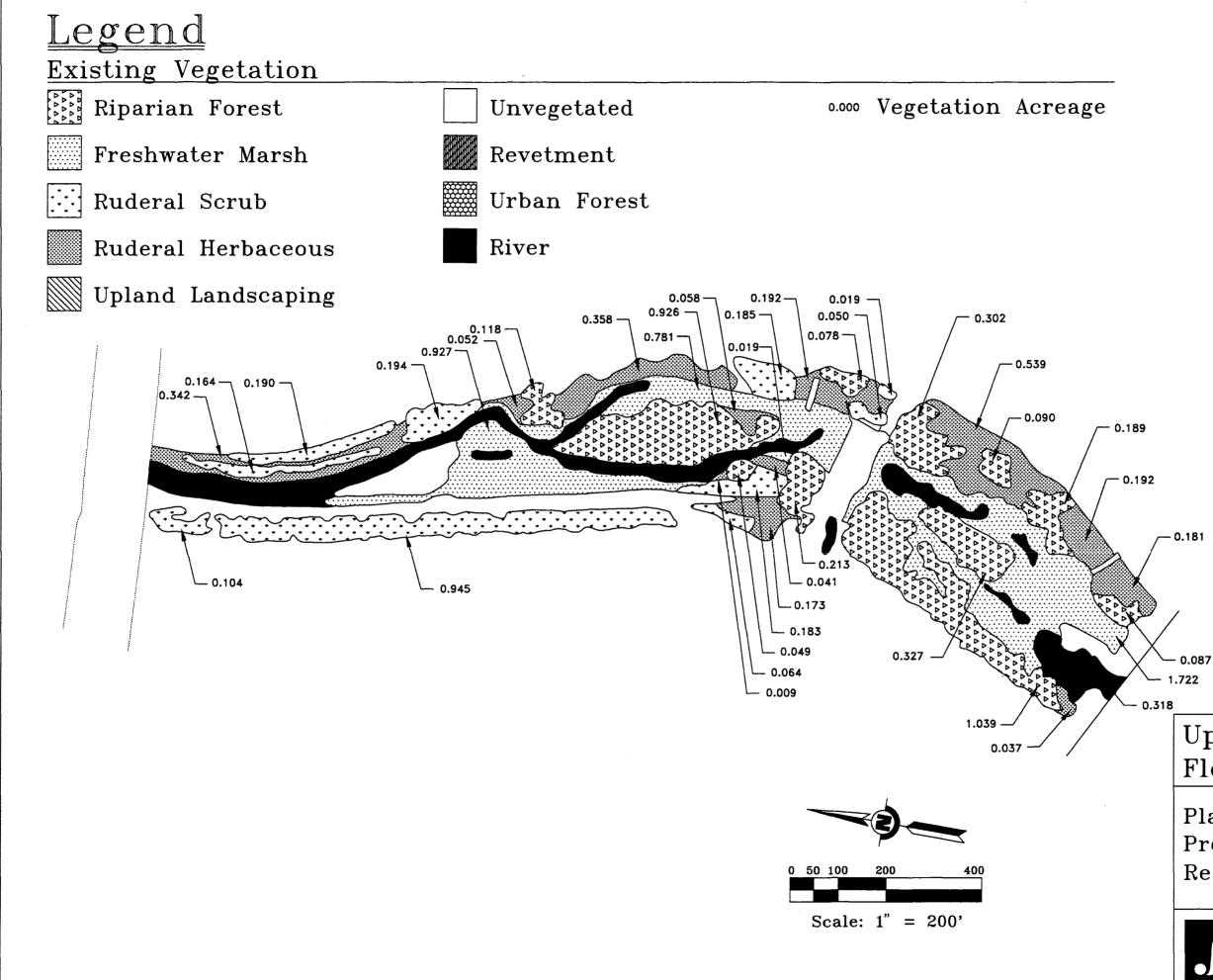
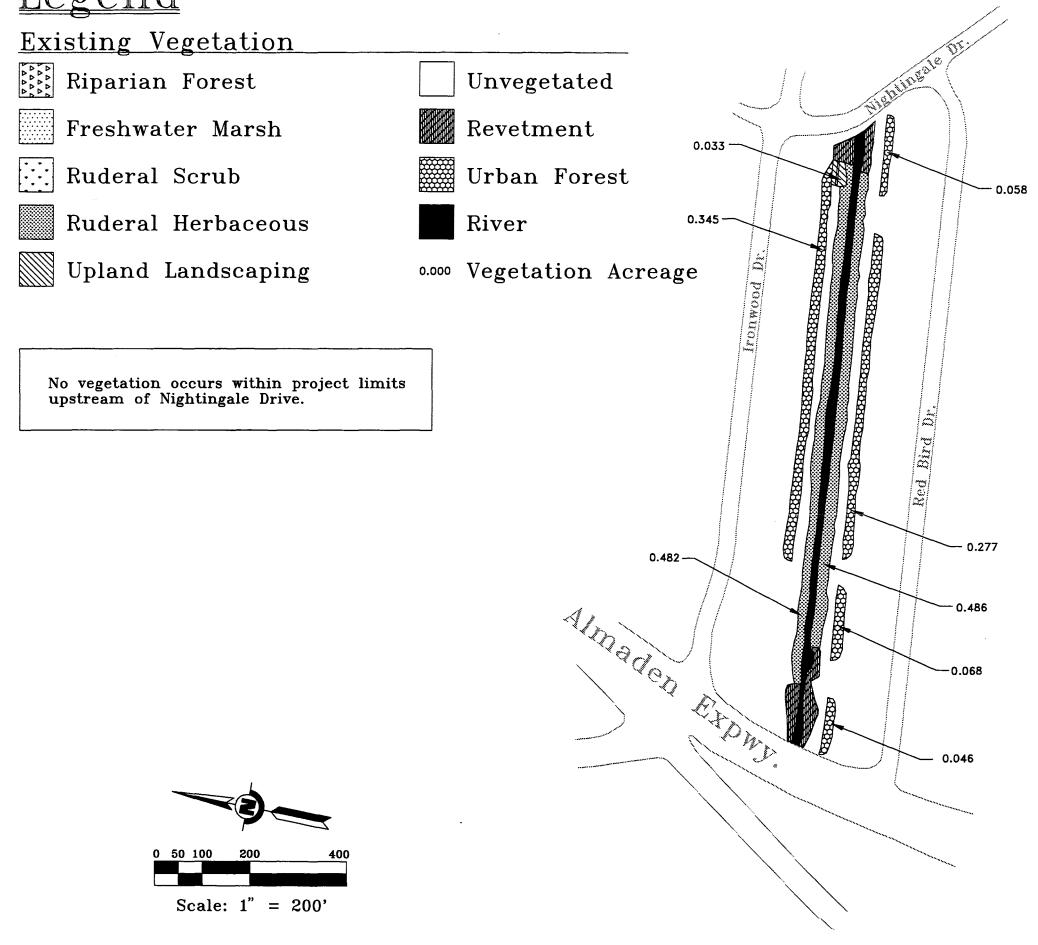


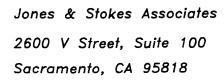


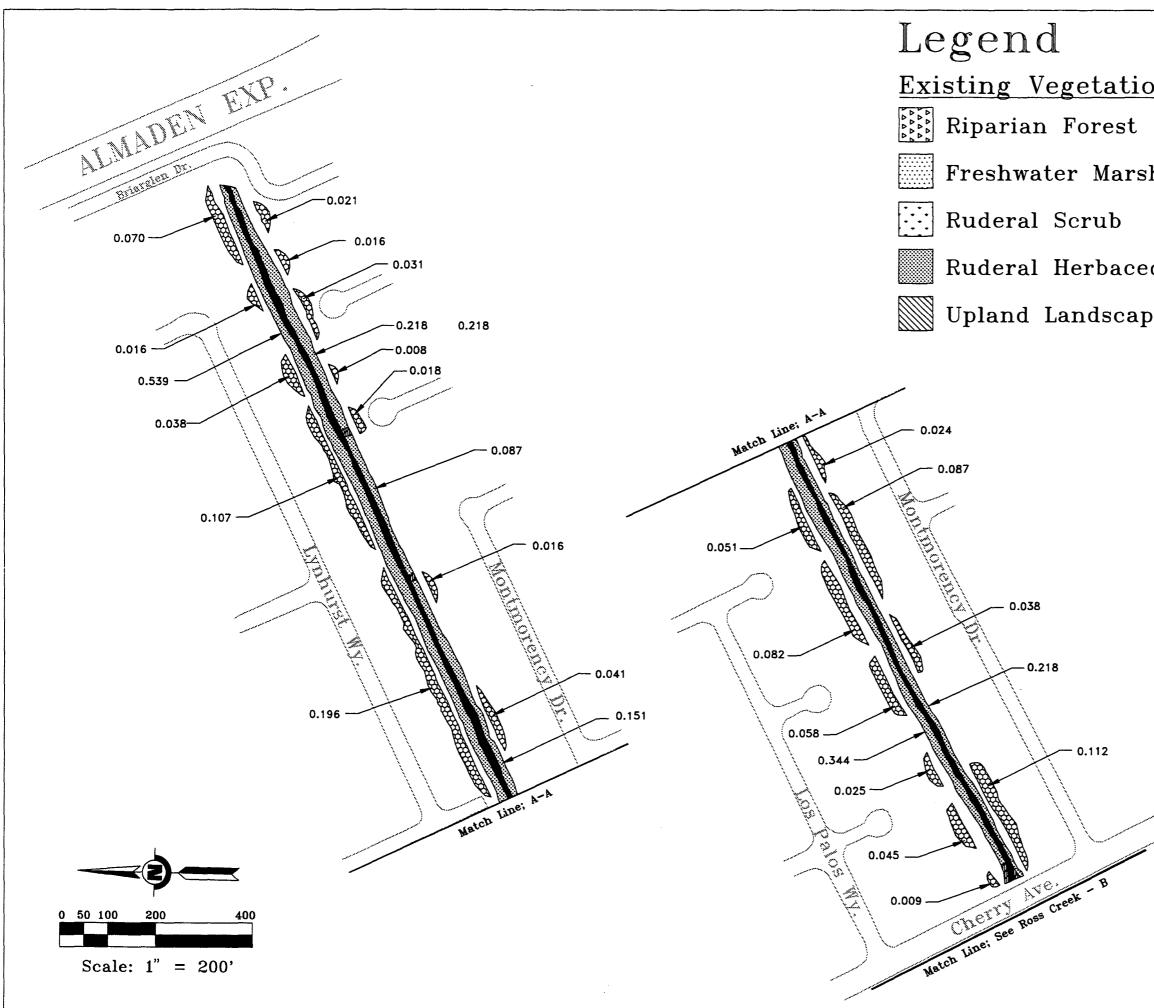
Plate V-17.2 Pre-Project Habitat in Reach 13



### Upper Guadalupe River Flood Control Project

Plate V-18 Pre-Project Habitat in Canoas Creek

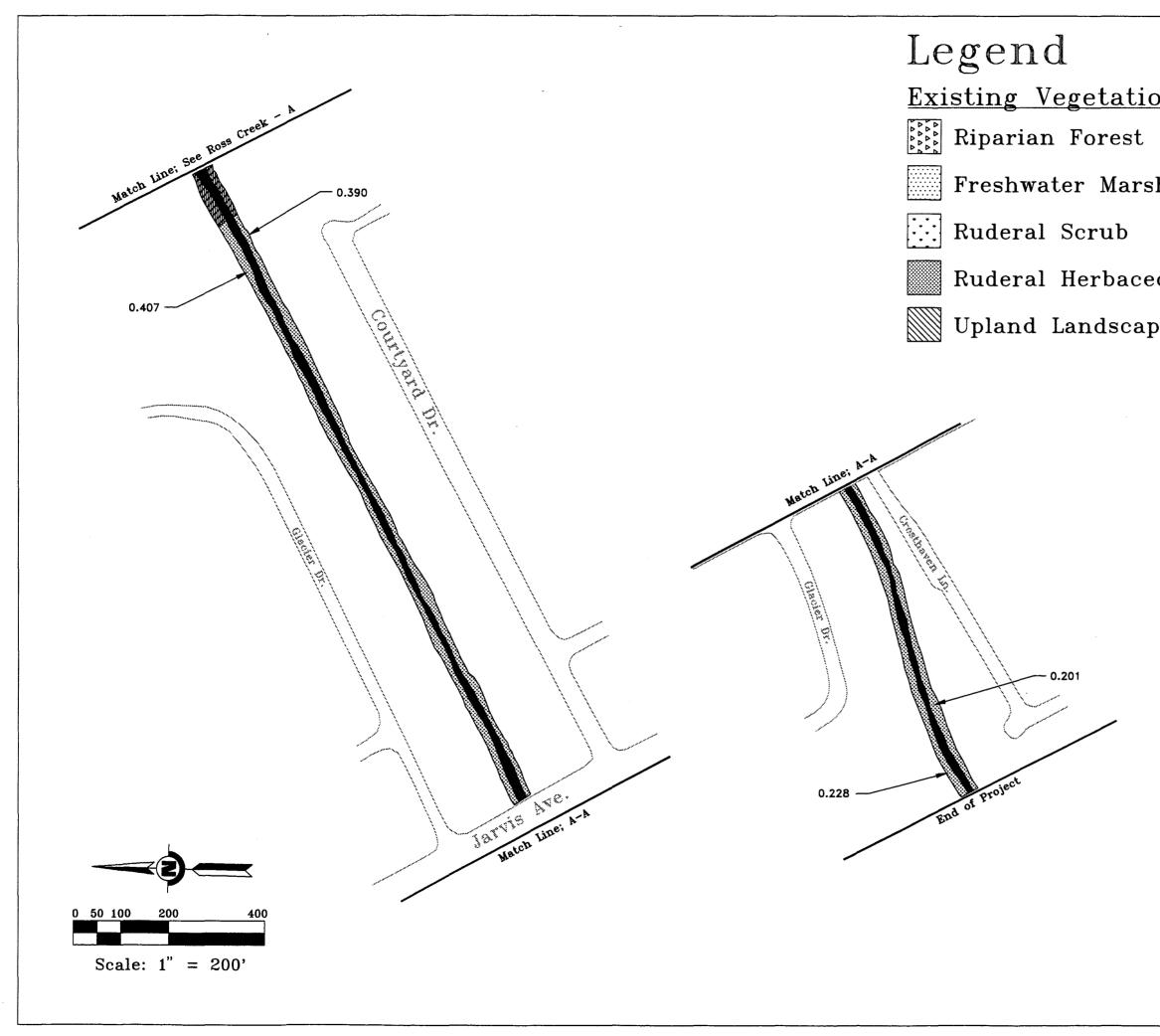




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	Unvegetated
sh	Revetment
	Urban Forest
eous	River
ping	0.000 Vegetation Acreage

Plate V-19 Pre-Project Habitat in Ross Creek - A





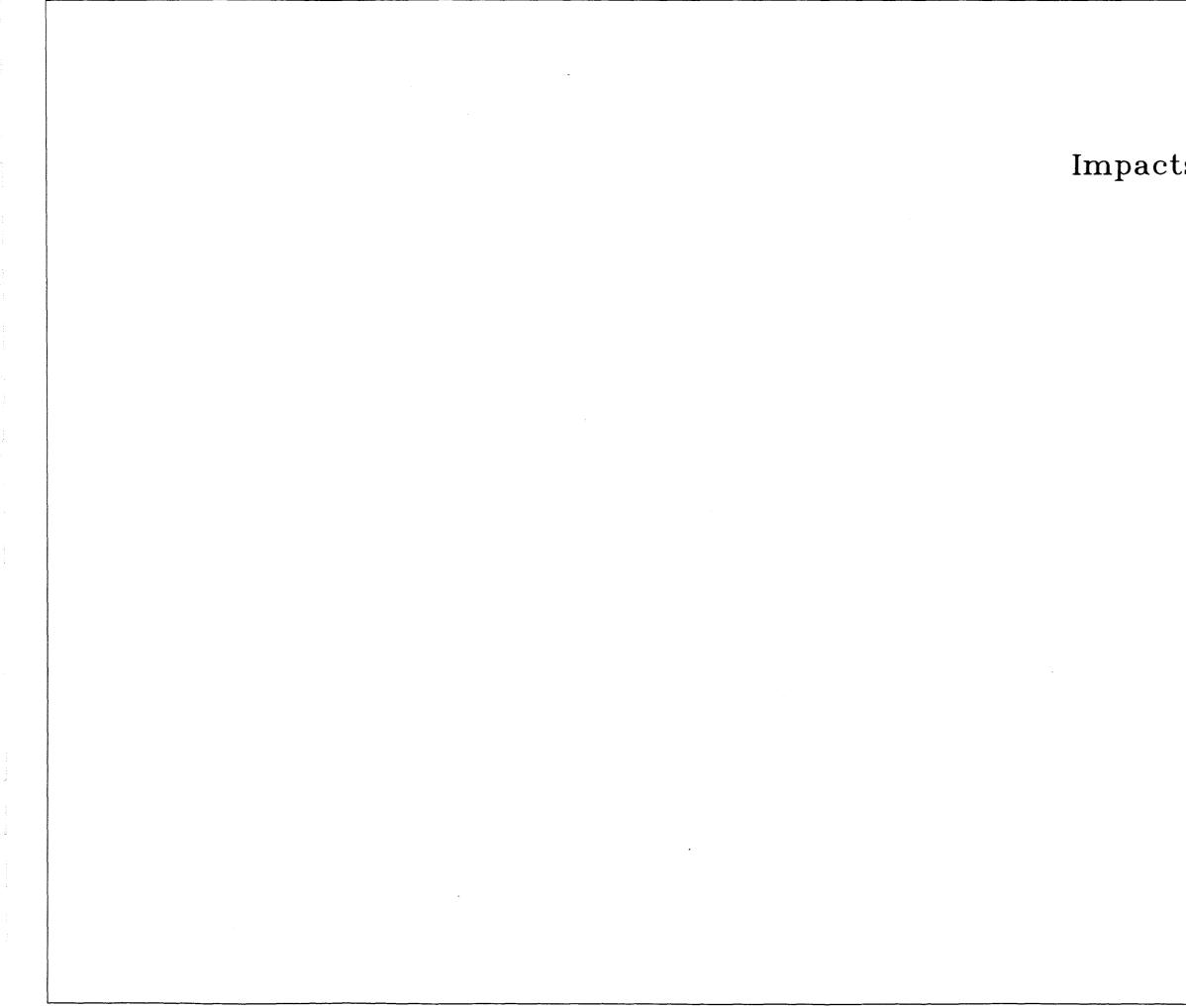
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sh	Revetment
	Urban Forest
eous	River
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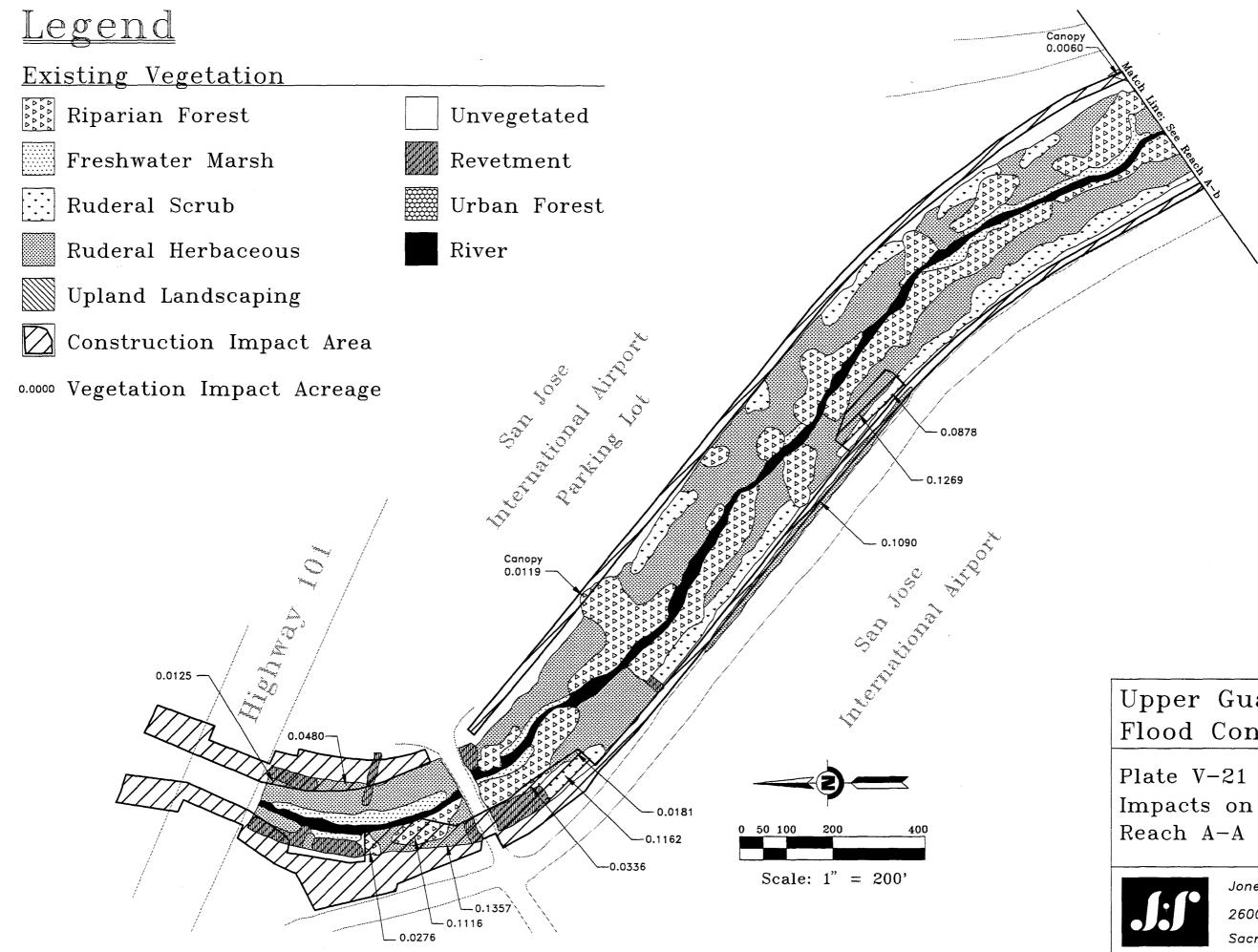
### Upper Guadalupe River Flood Control Project

Plate V-20 Pre-Project Habitat in Ross Creek - B





## Impacts on Vegetation



Impacts on Vegetation in

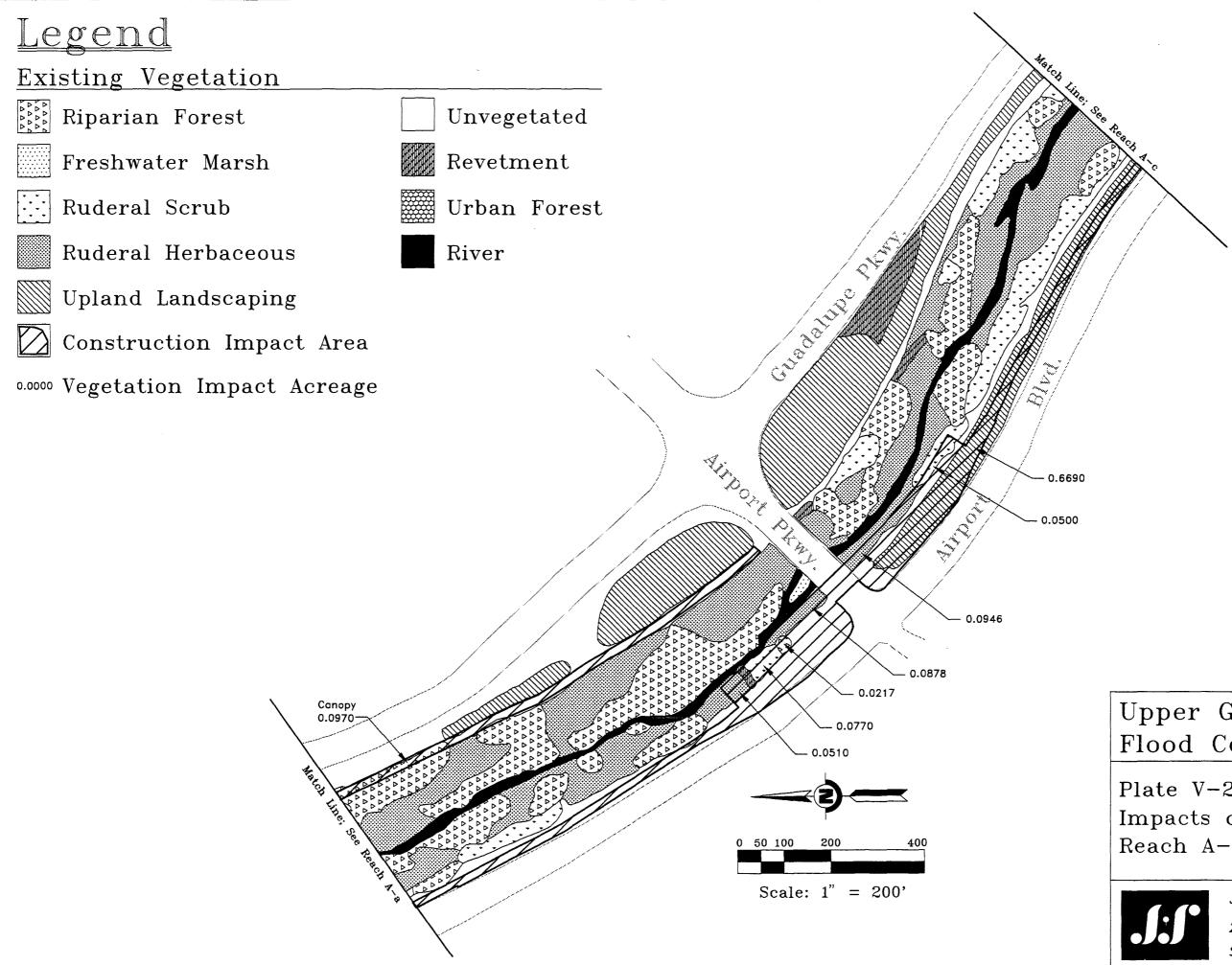
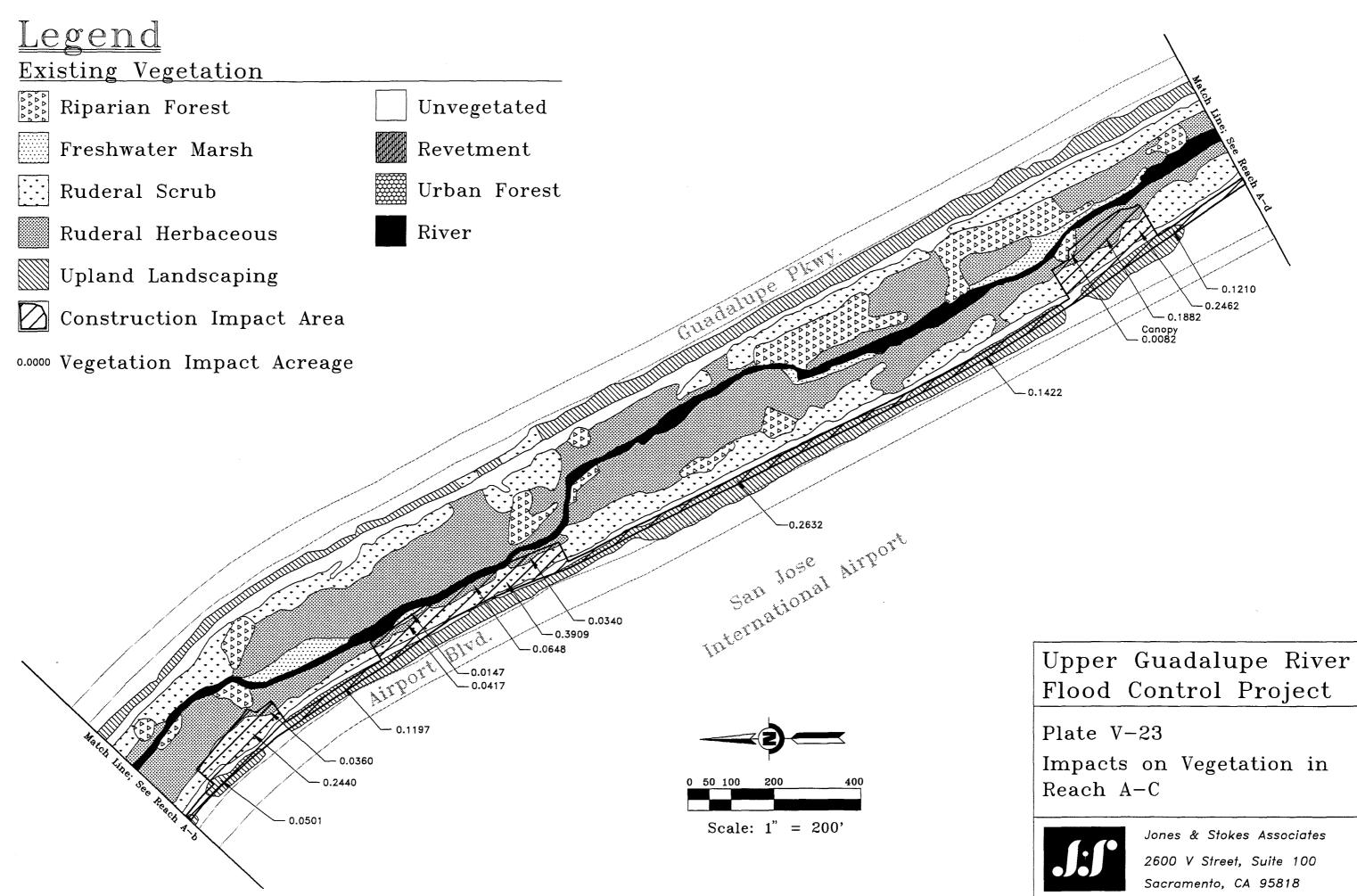
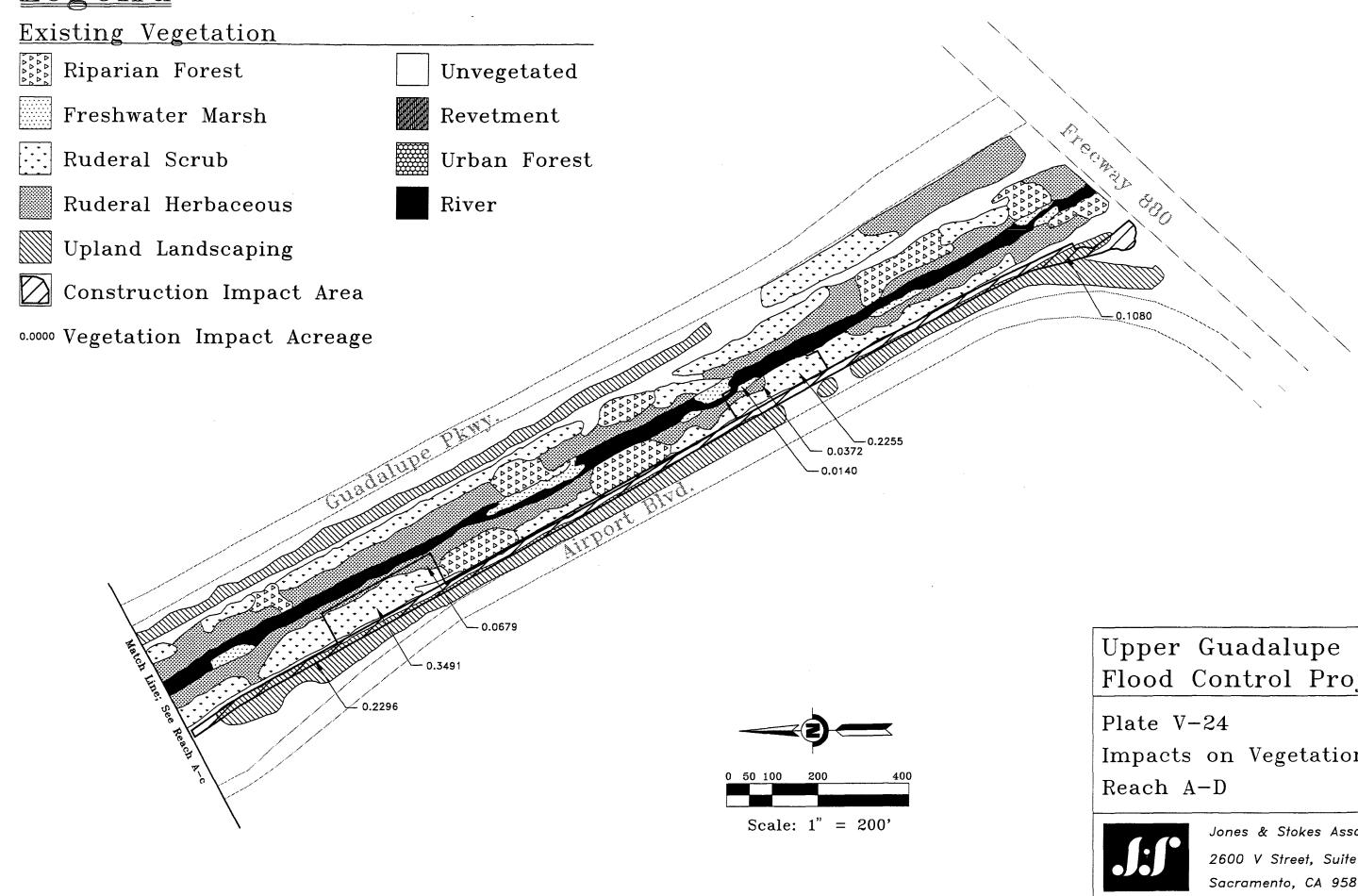


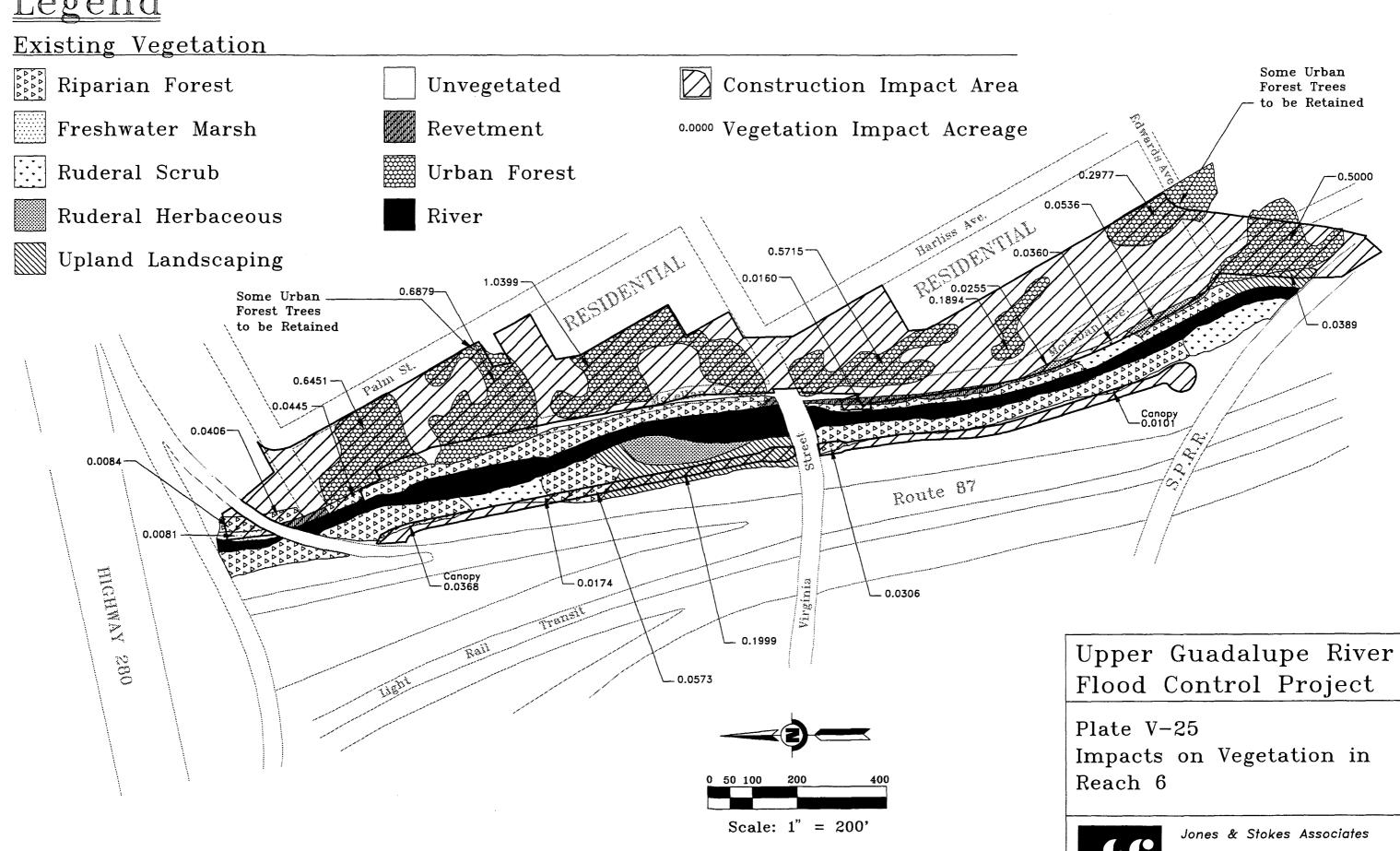
Plate V-22 Impacts on Vegetation in Reach A-B



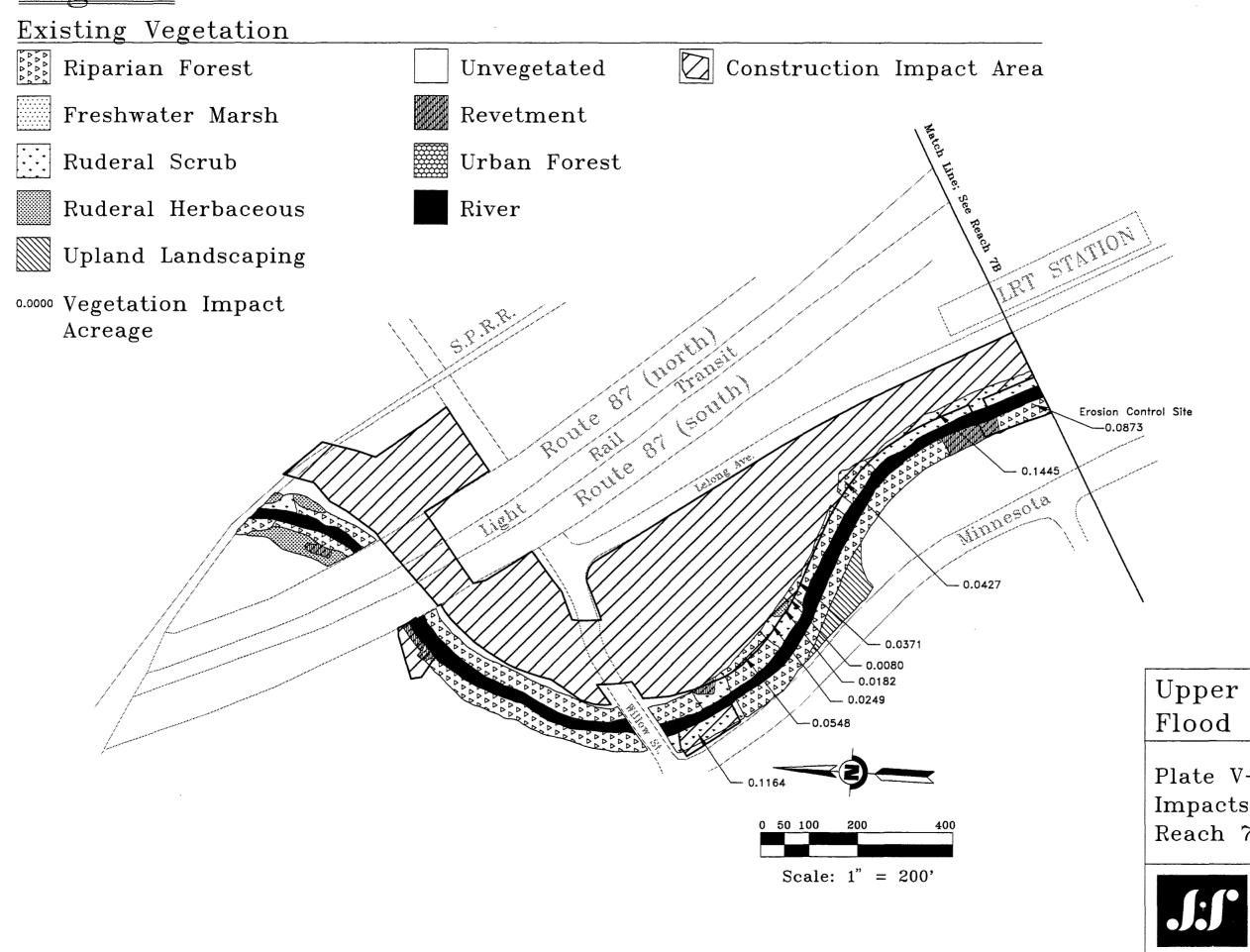


### Upper Guadalupe River Flood Control Project

Impacts on Vegetation in

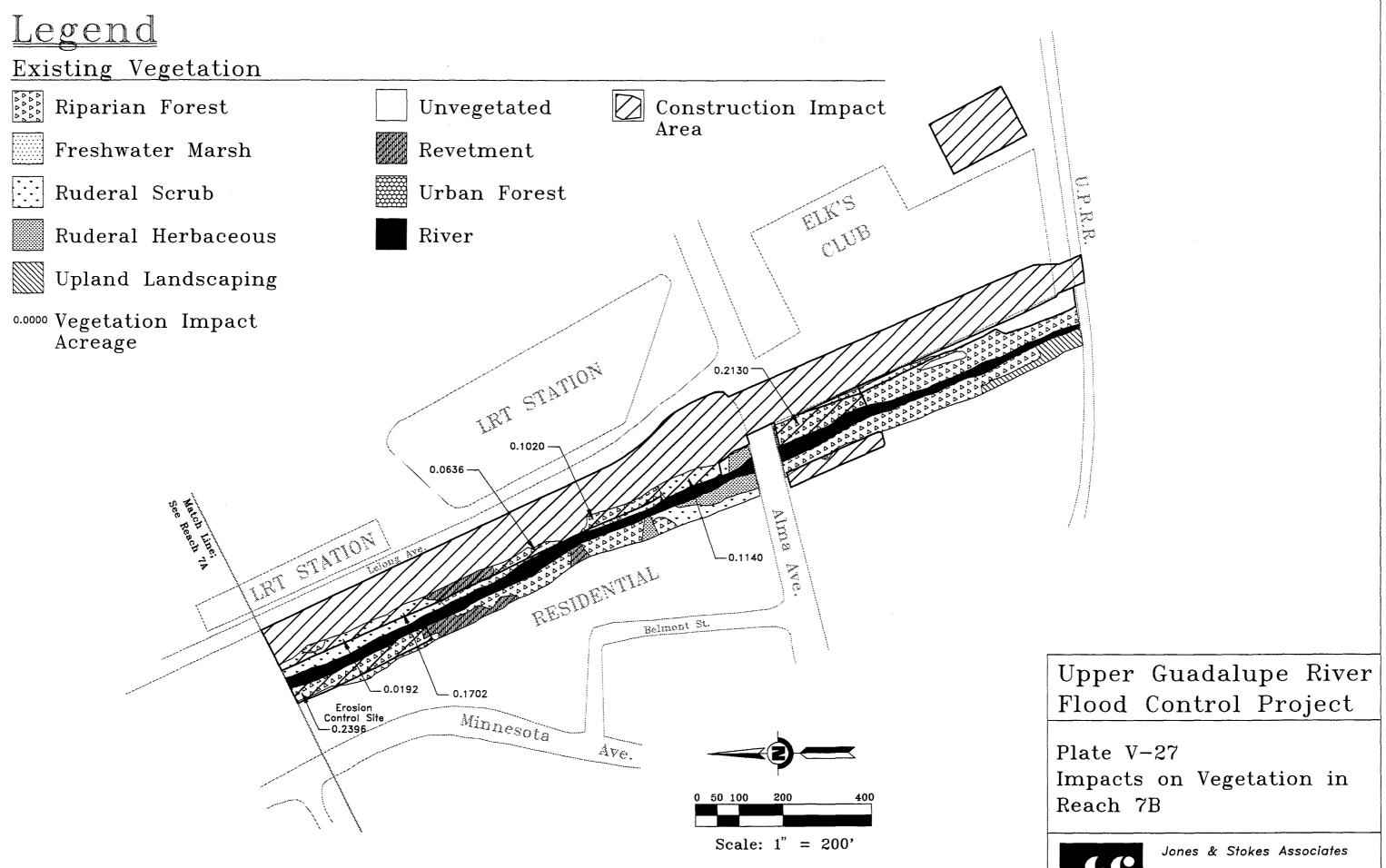


2600 V Street, Suite 100 Sacramento, CA 95818



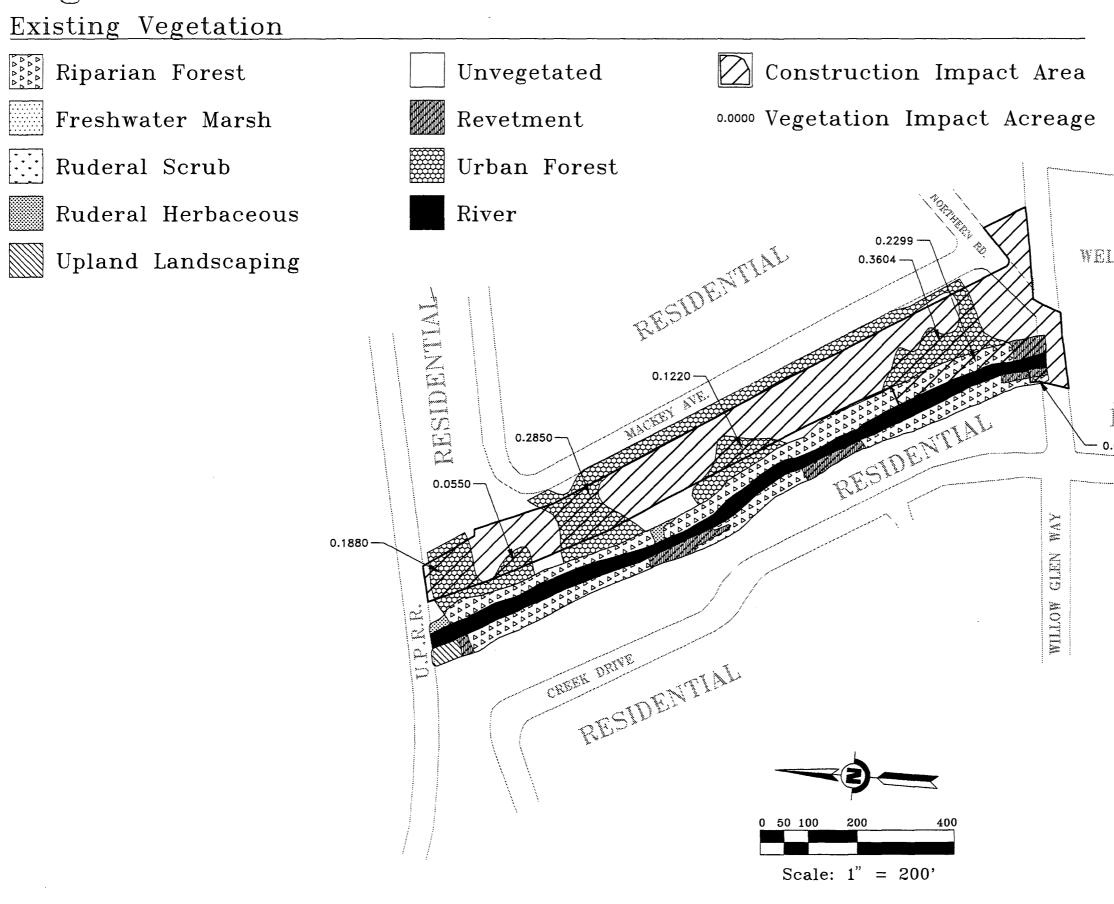
### Upper Guadalupe River Flood Control Project

Plate V-26 Impacts on Vegetation in Reach 7A





2600 V Street, Suite 100 Sacramento, CA 95818



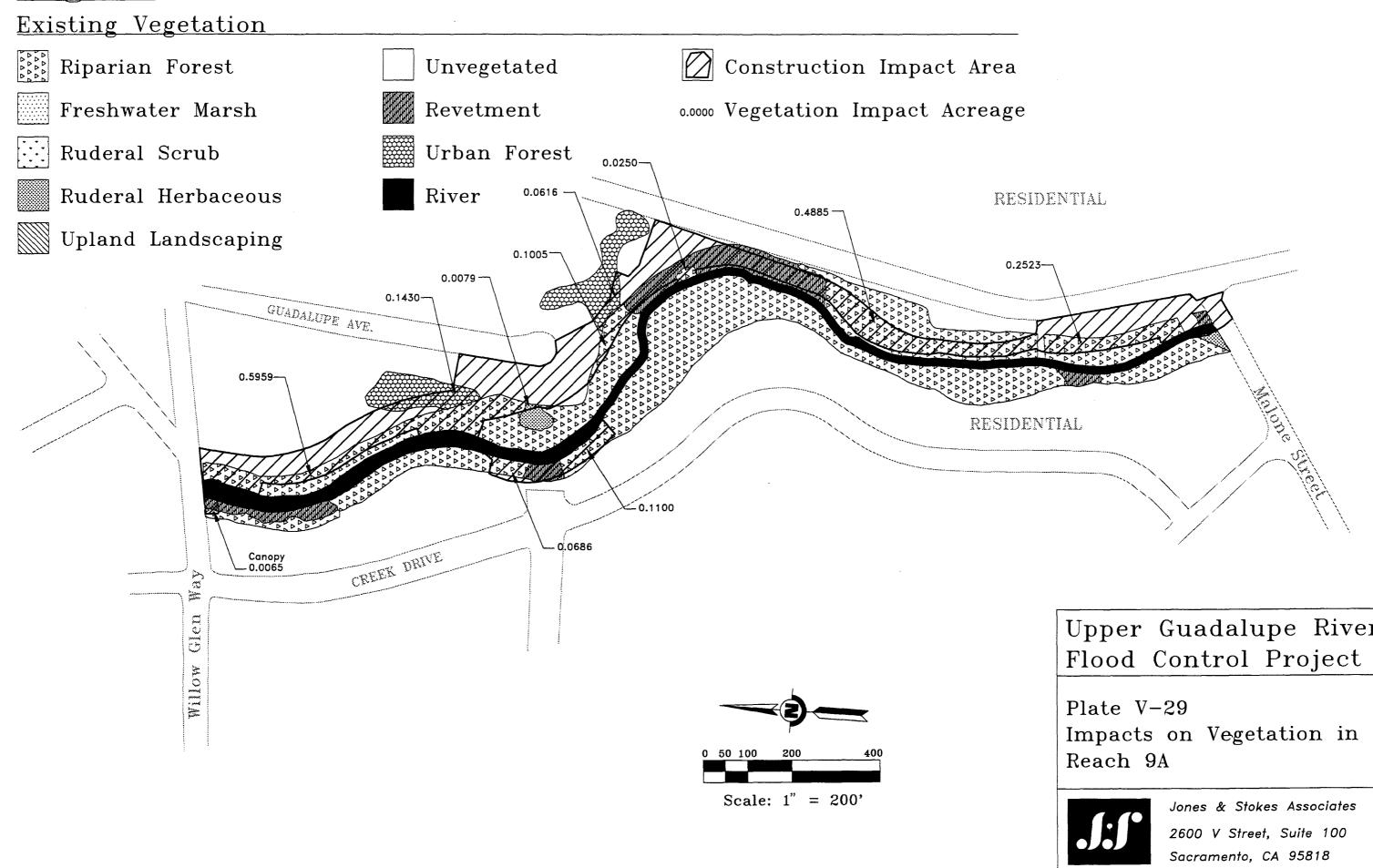
WELL SITE

## RESIDENTIAL

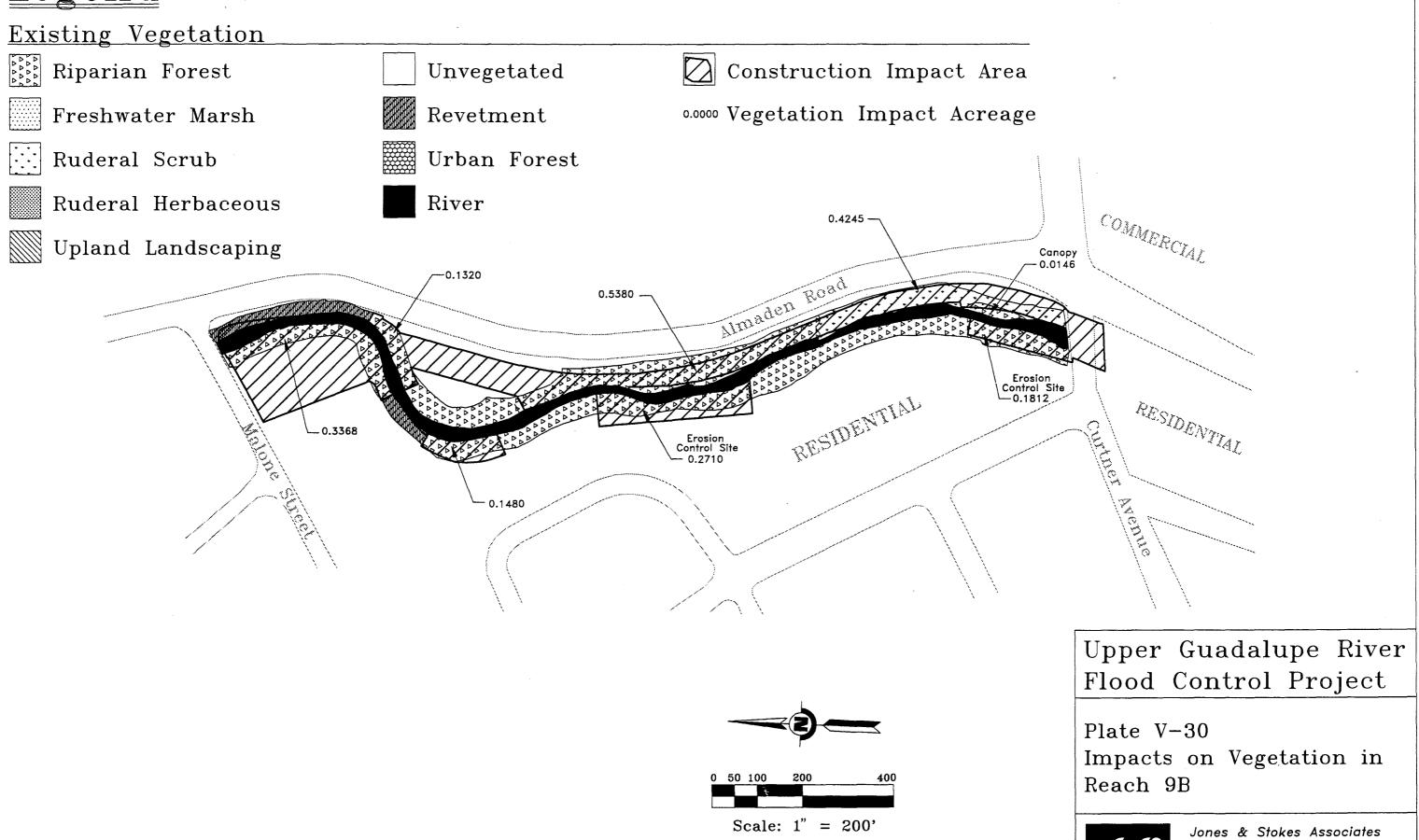
#### Upper Guadalupe River Flood Control Project

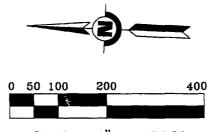
Plate V-28 Impacts on Vegetation in Reach 8



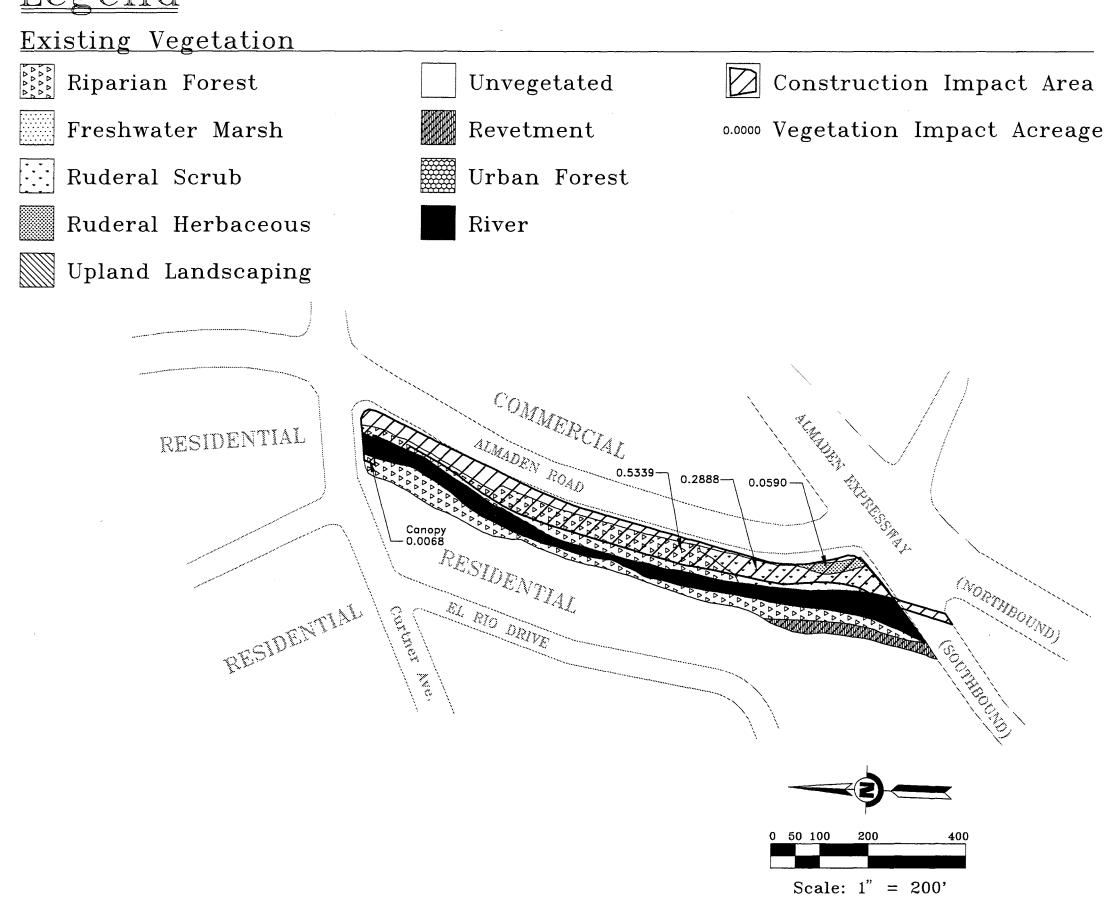


# Upper Guadalupe River





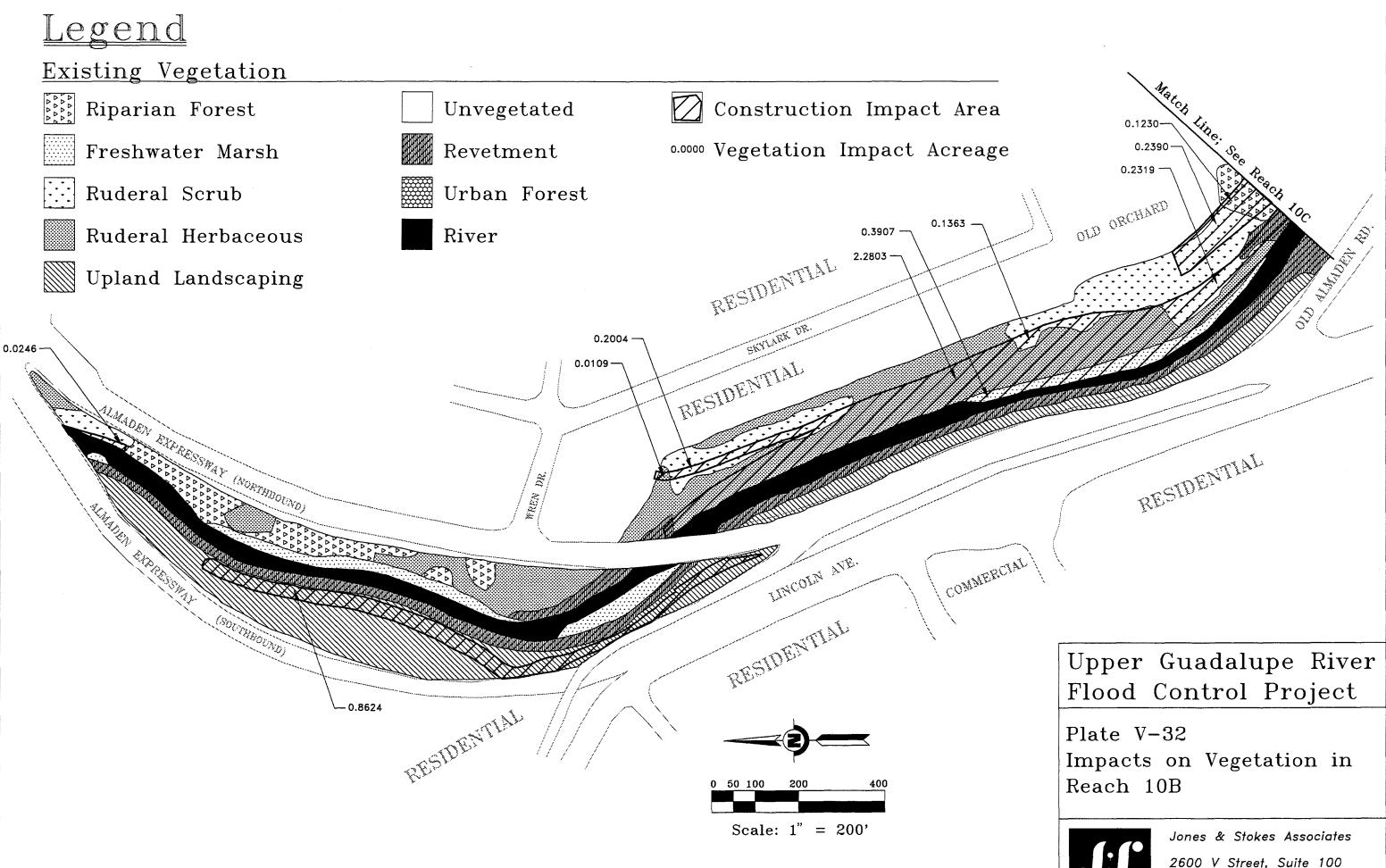
2600 V Street, Suite 100 Sacramento, CA 95818



## Upper Guadalupe River Flood Control Project

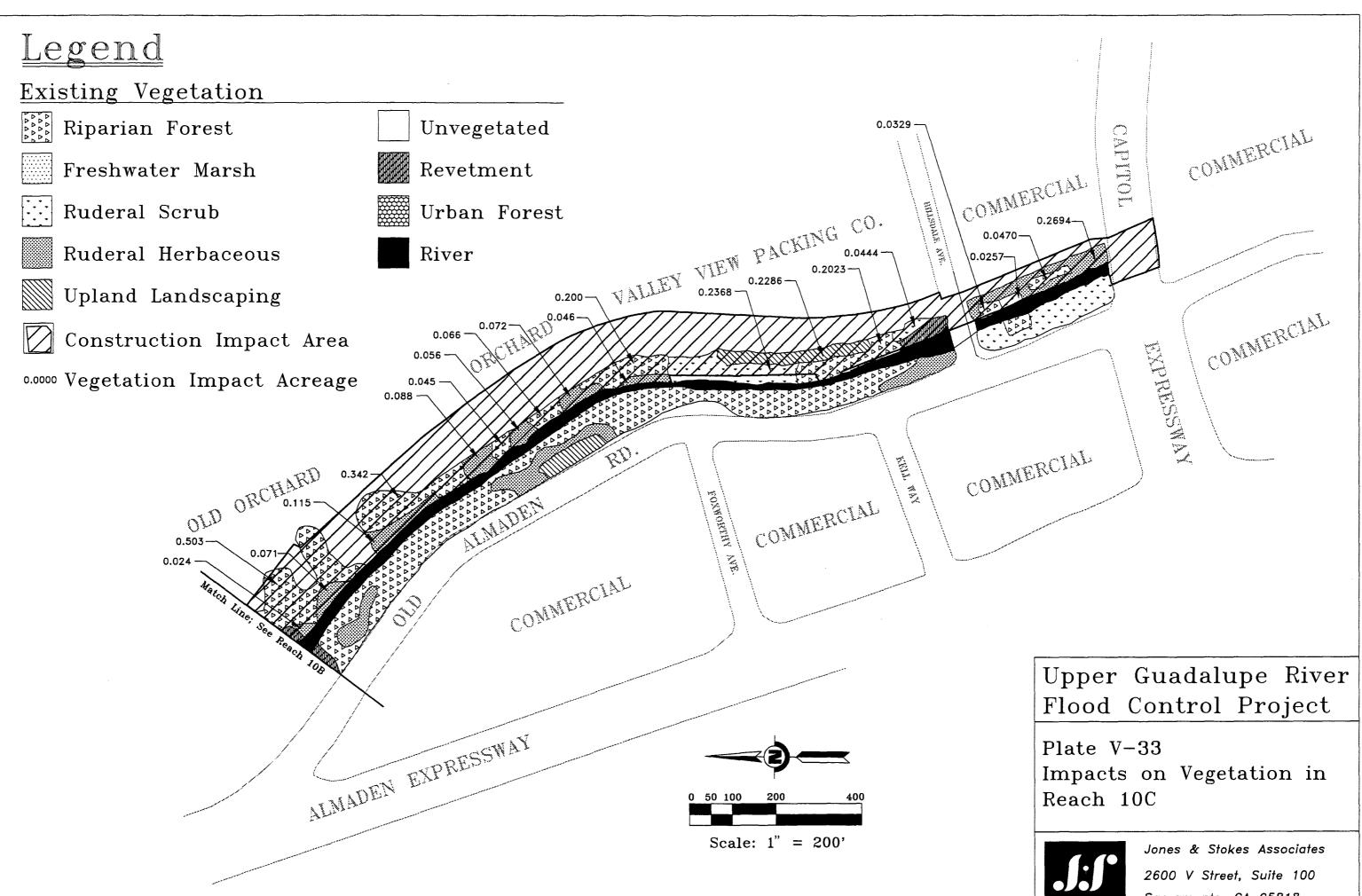
Plate V-31 Impacts on Vegetation in Reach 10A



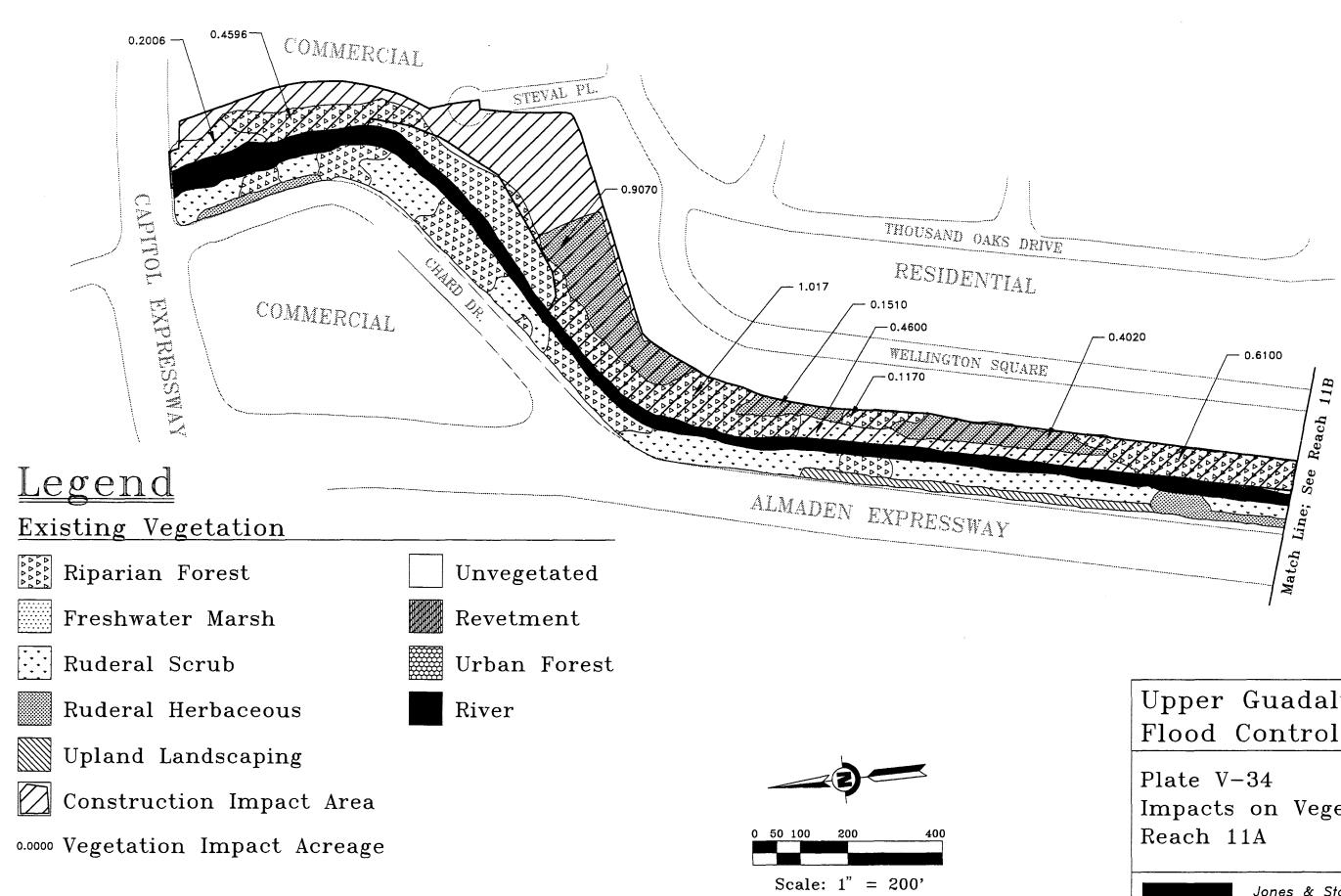


2600 V Street, Suite 100 Sacramento, CA 95818

- and



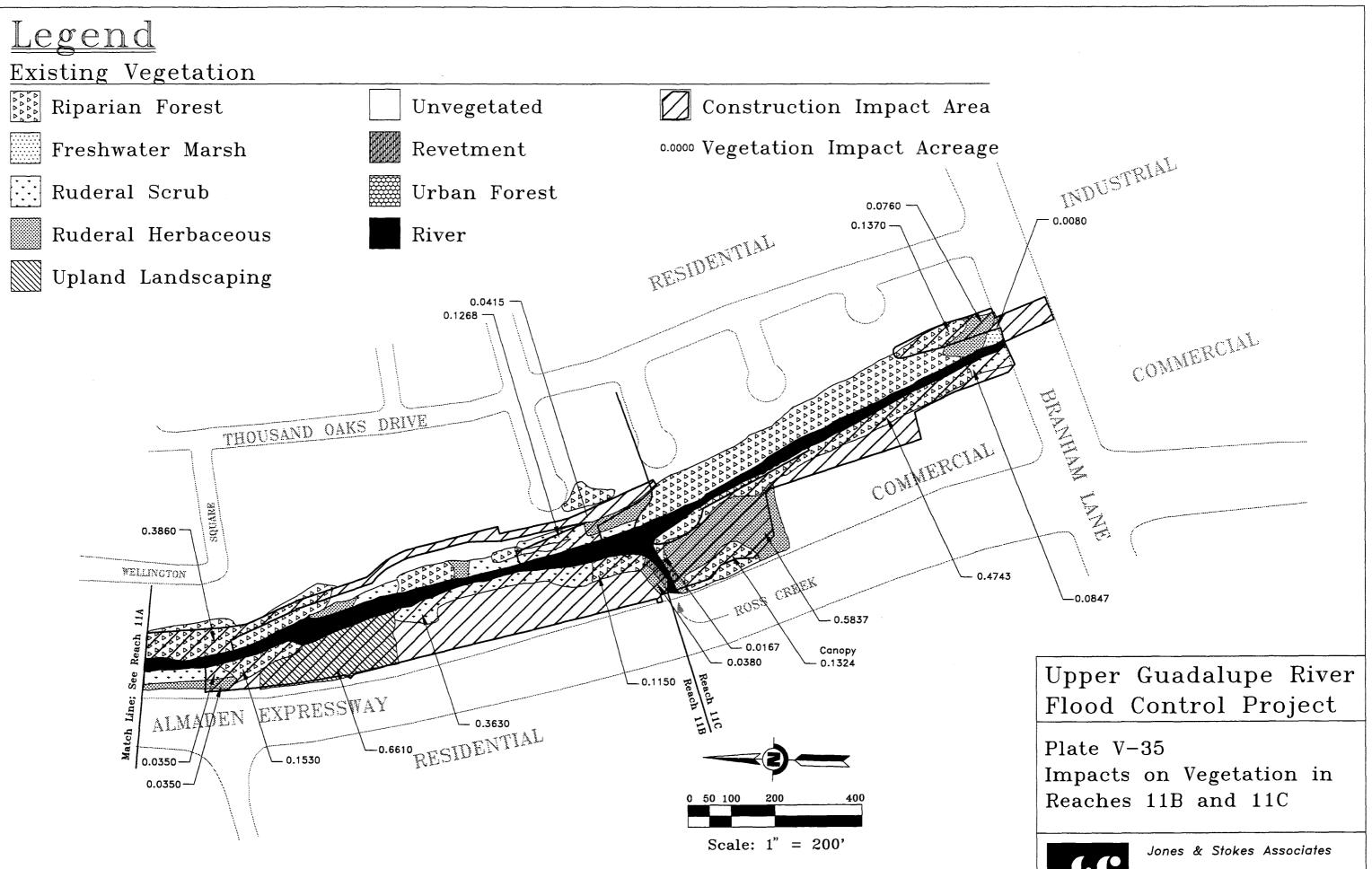
Sacramento, CA 95818



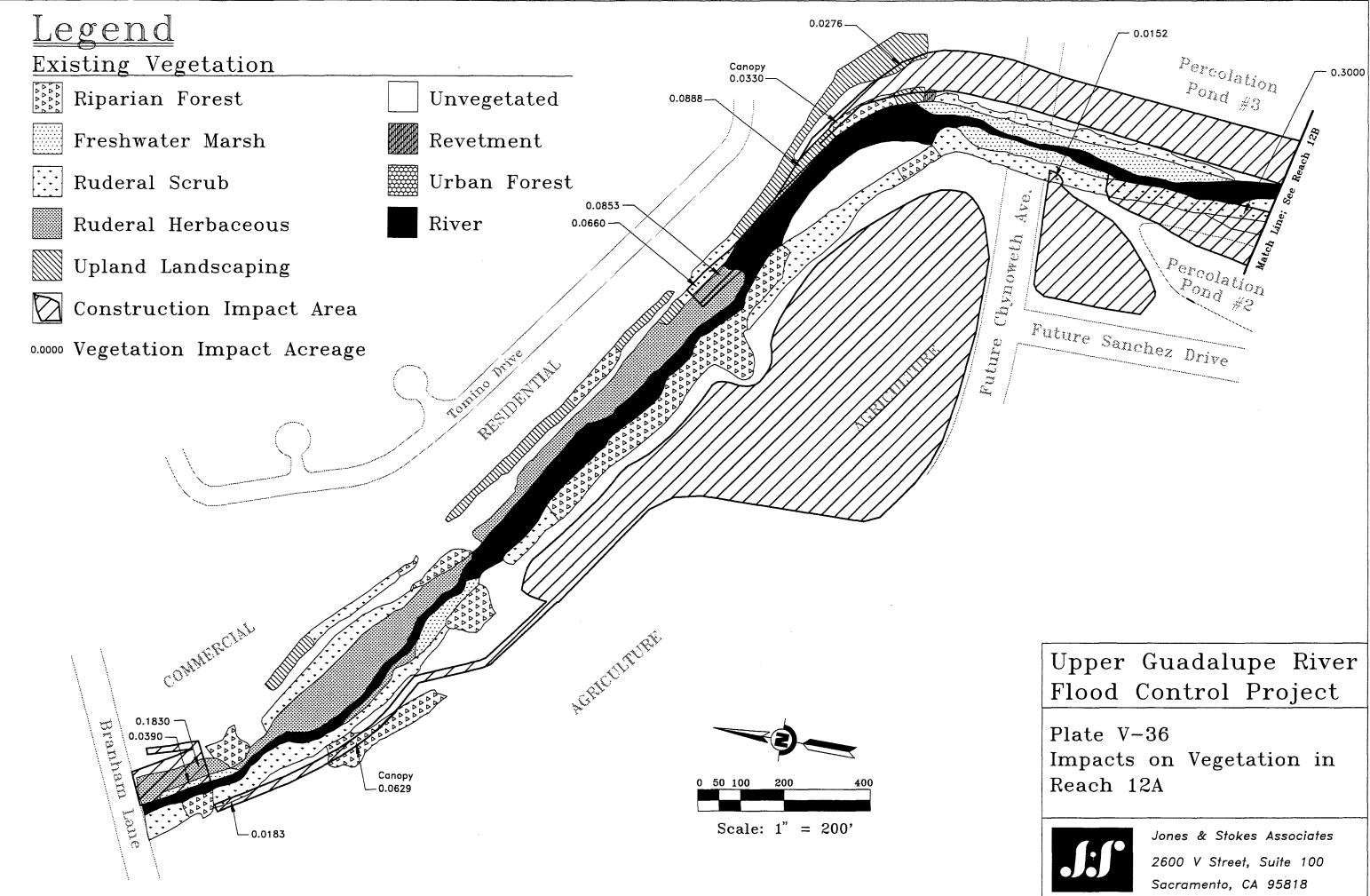
# Upper Guadalupe River Flood Control Project

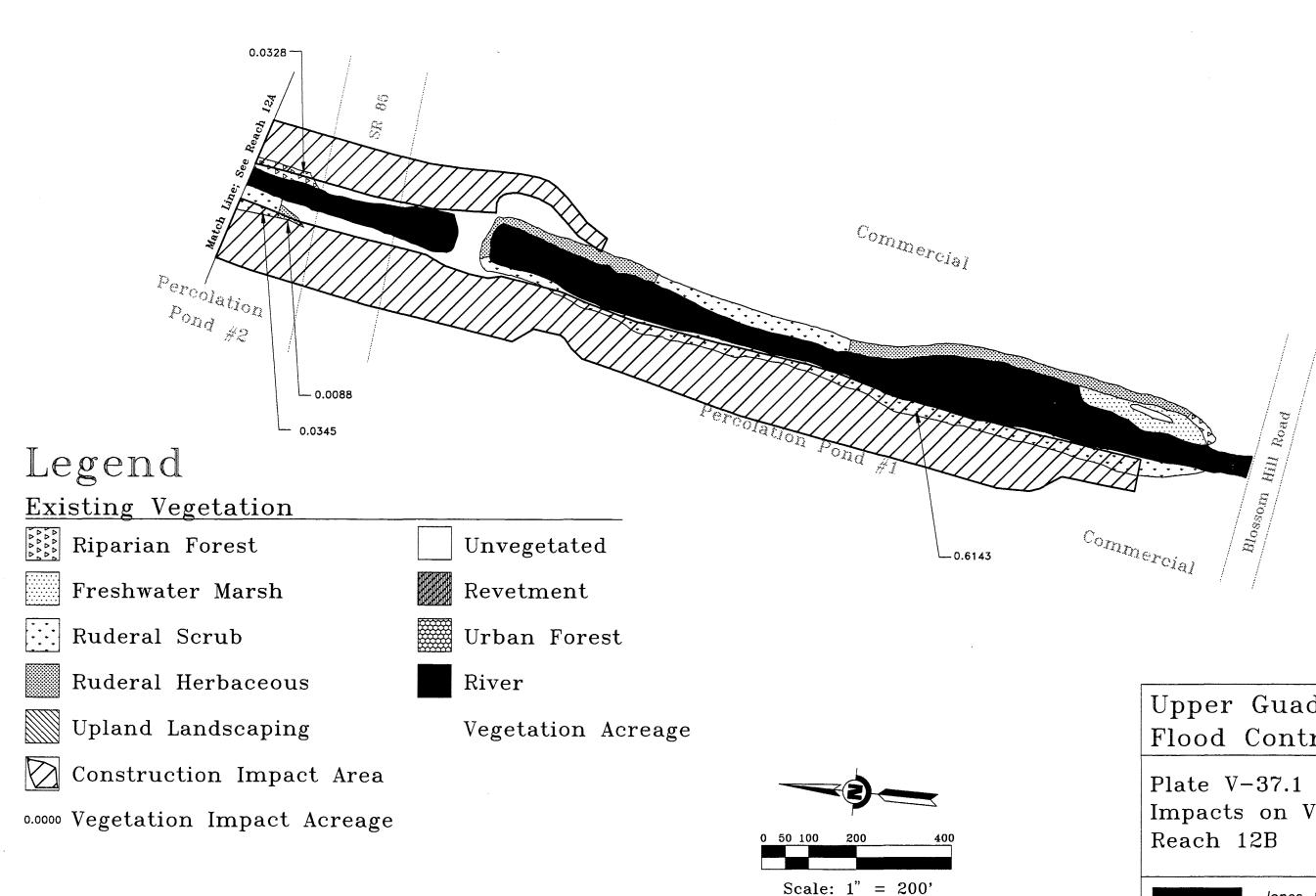
Impacts on Vegetation in





2600 V Street, Suite 100 Sacramento, CA 95818

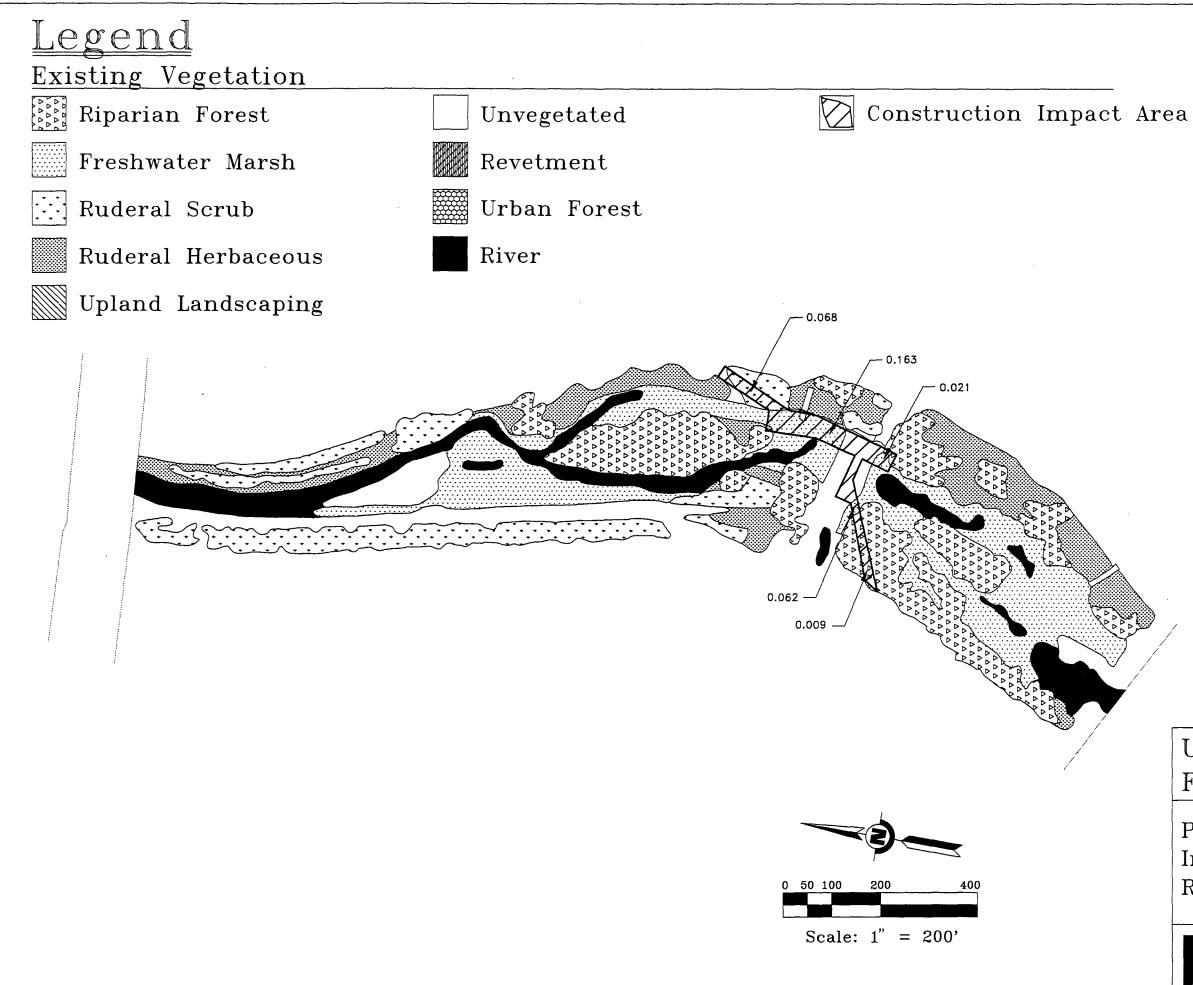




# Upper Guadalupe River Flood Control Project

Impacts on Vegetation in

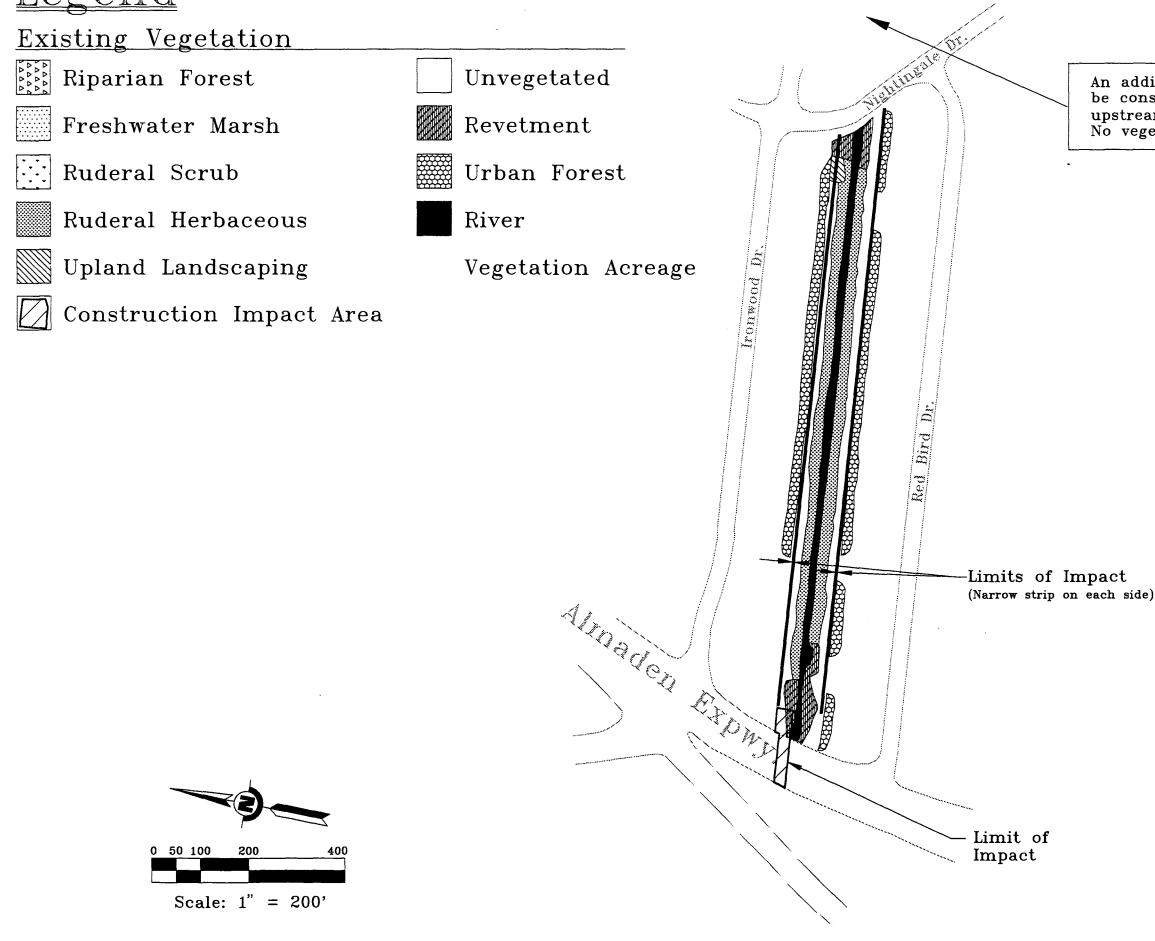




# Upper Guadalupe River Flood Control Project

Plate V-37.2Impacts on Vegetation in Reach 13



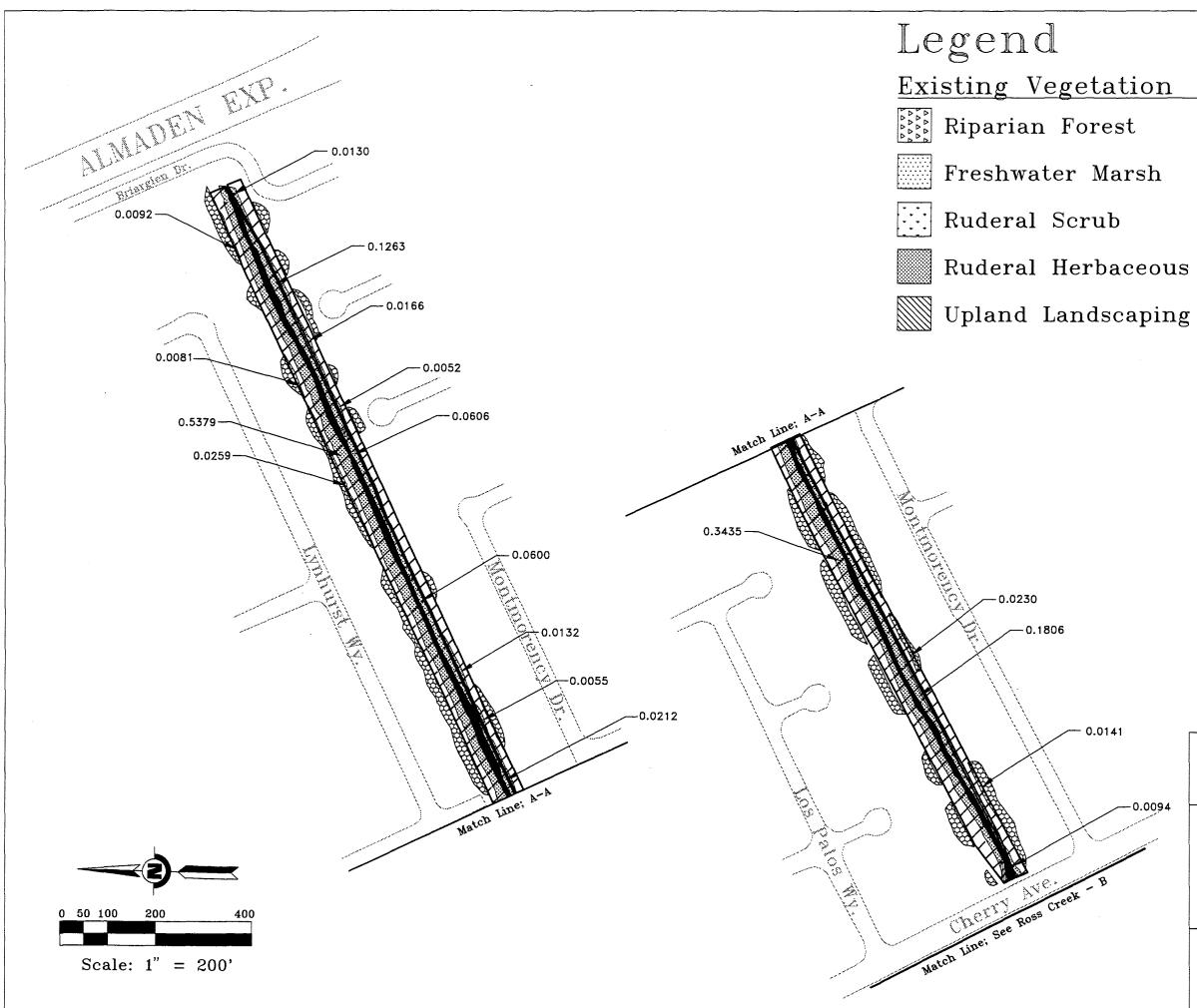


An additional 1,385 feet of floodwall would be constructed on the south bank levee upstream of the Nightingale Drive culvert. No vegetation impacts would occur.

## Upper Guadalupe River Flood Control Project

Plate V-38 Impacts on Vegetation in Canoas Creek





Unvegetated

000

Revetment



Urban Forest



Construction Impact Area

River

0.000 Vegetation Impact Acreage

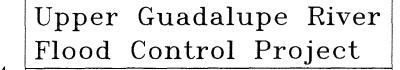
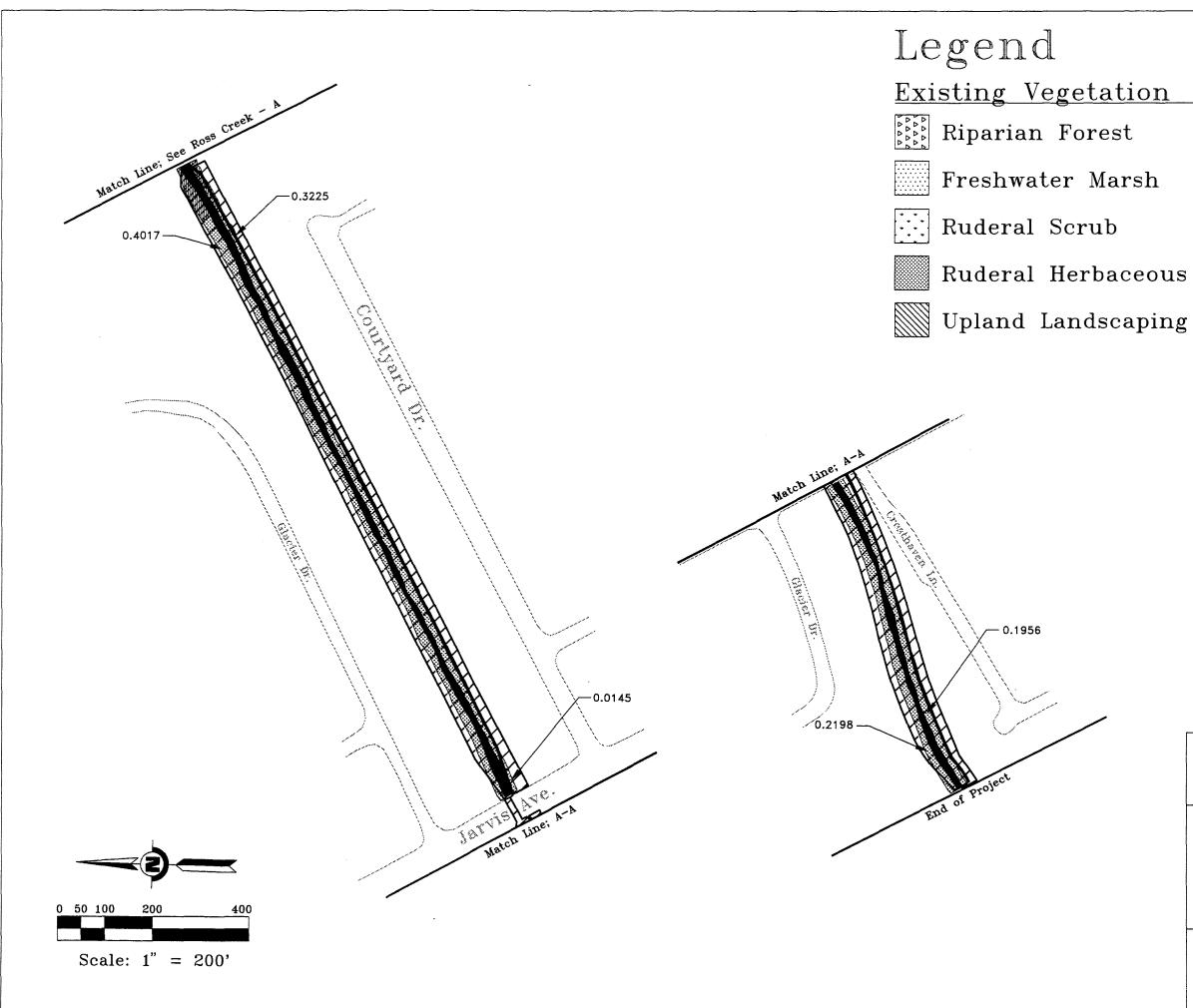


Plate V-39 Impacts on Vegetation in Ross Creek - A







Unvegetated

Urban Forest

Revetment





River



Construction Impact Area

<sup>0.000</sup> Vegetation Impact Acreage

## Upper Guadalupe River Flood Control Project

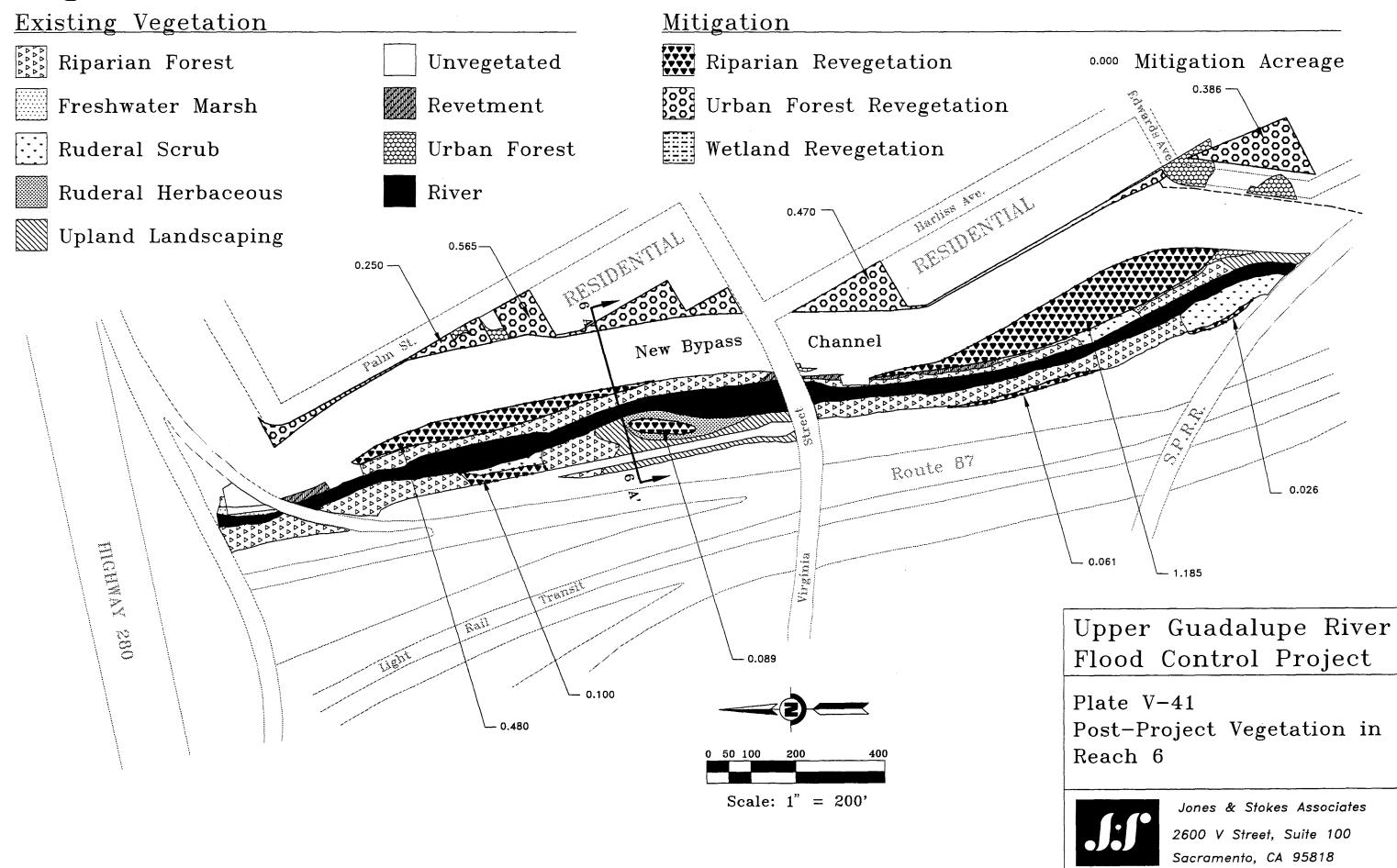
Plate V-40 Impacts on Vegetation in Ross Creek - B

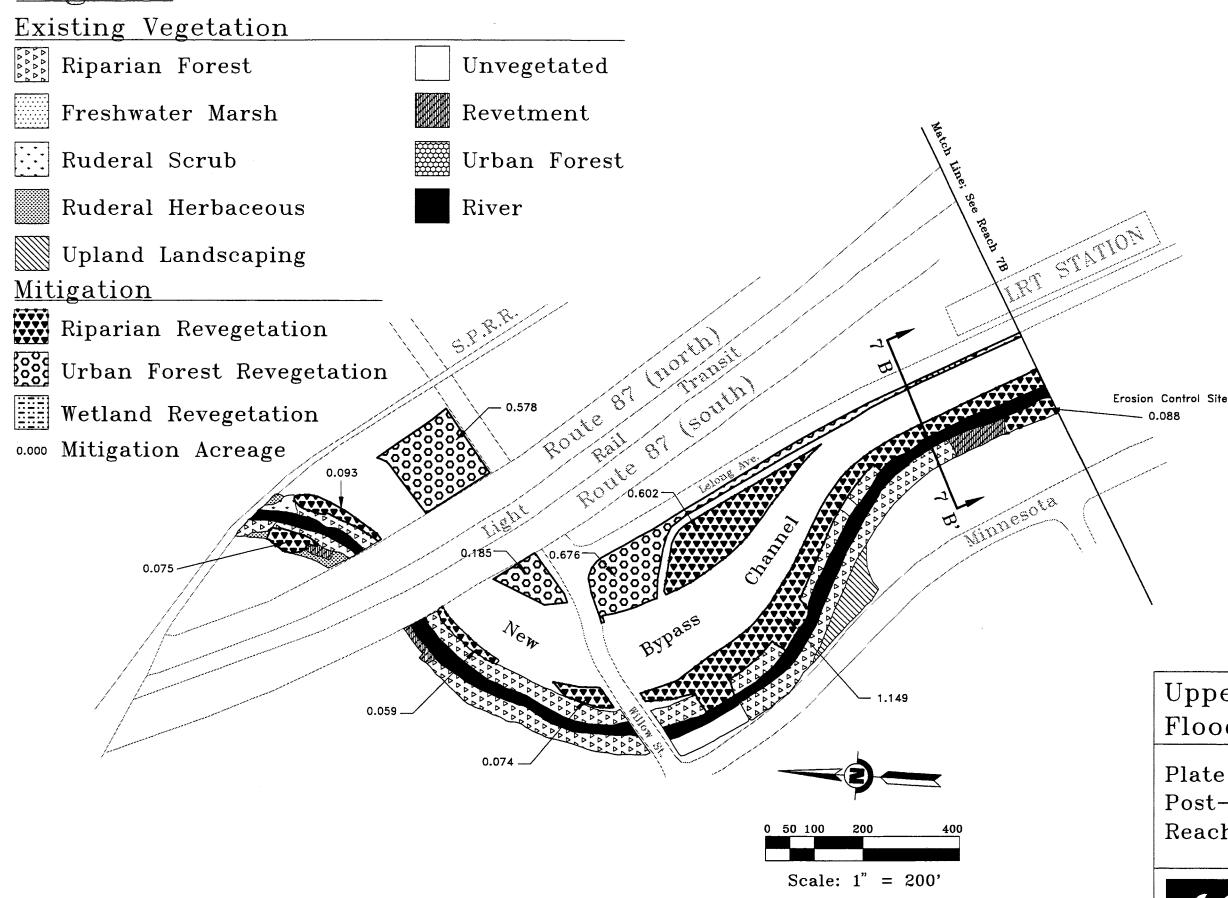


. Sherry

Cross-section lines on these plates refer to the typical sections that follow.

# Post-Project Vegetation



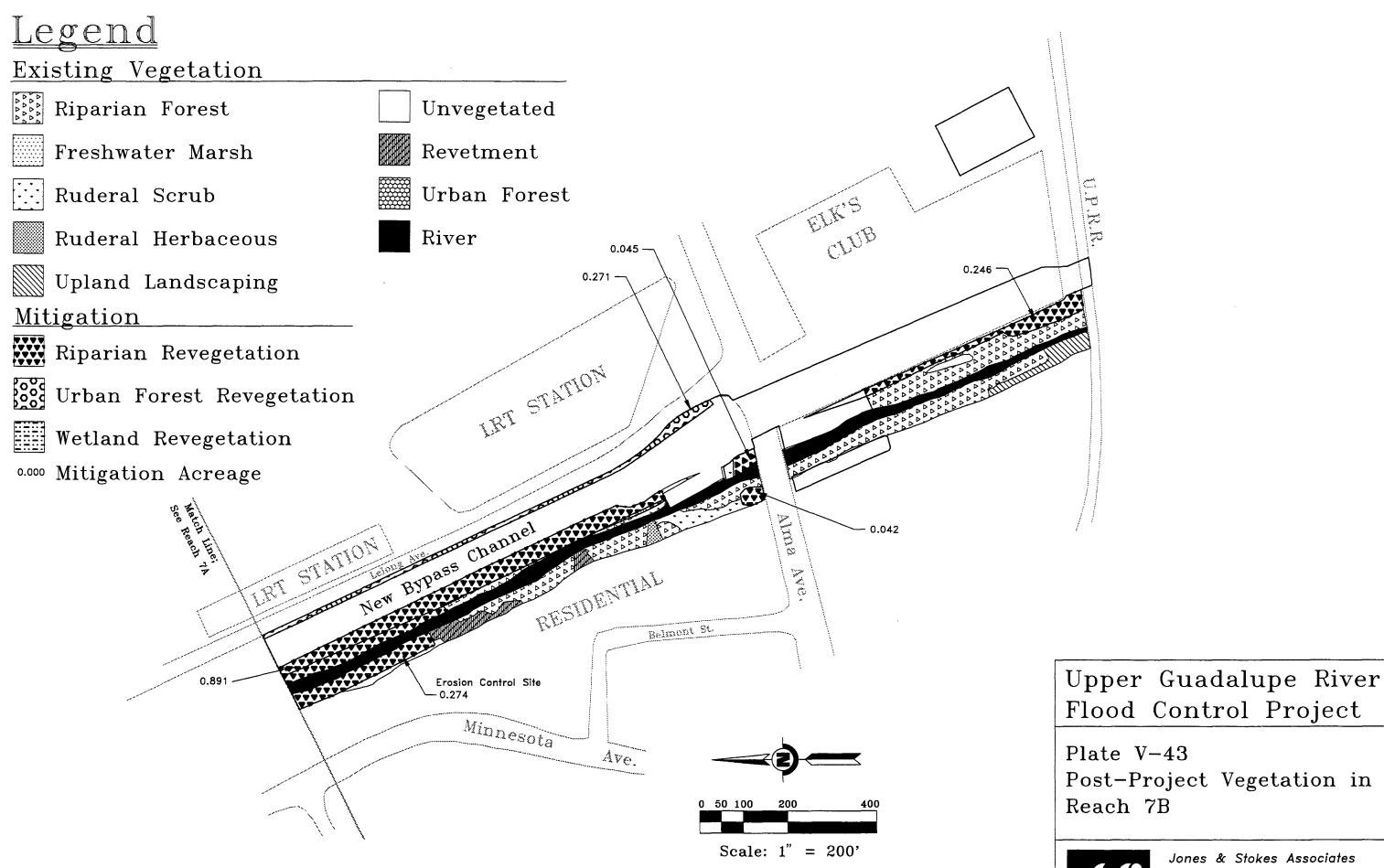




## Upper Guadalupe River Flood Control Project

Plate V-42 Post-Project Vegetation in Reach 7A

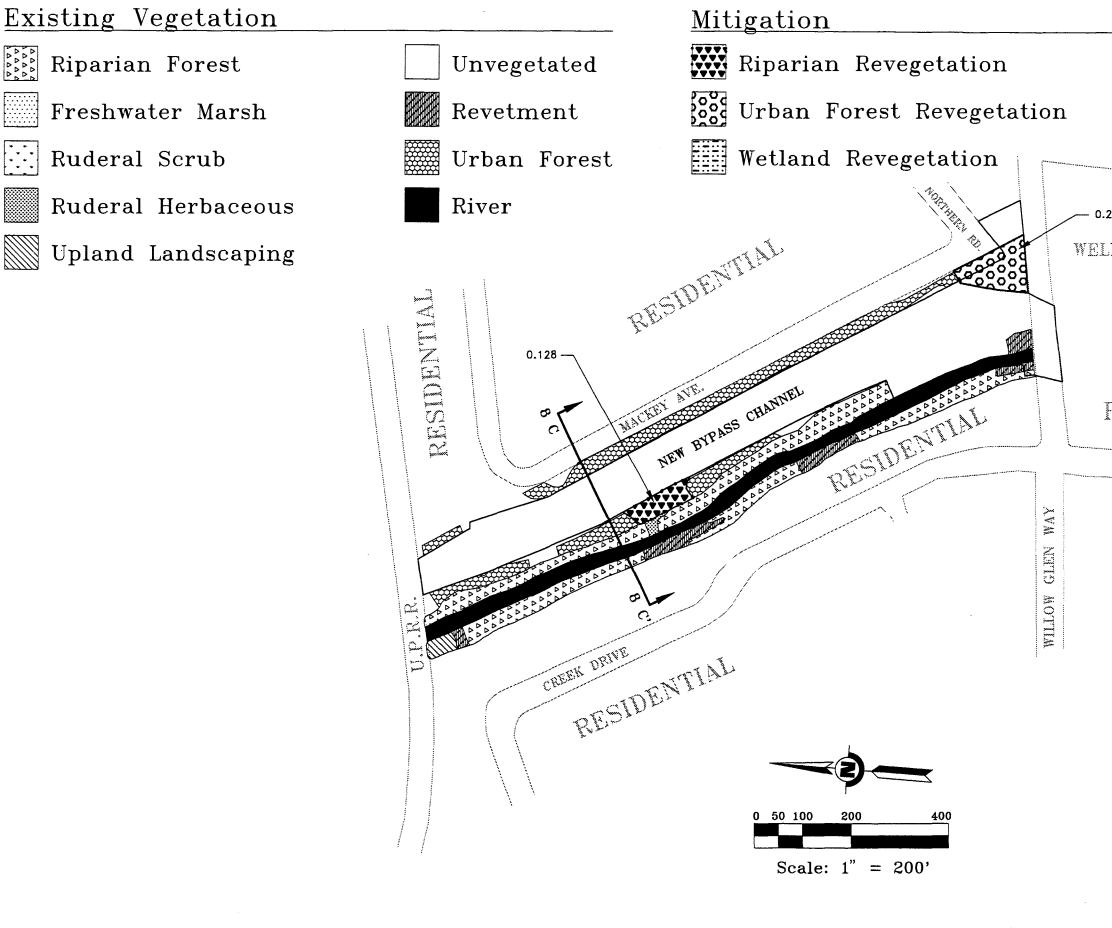




Post-Project Vegetation in



2600 V Street, Suite 100 Sacramento, CA 95818



## 0.000 Mitigation Acreage

0.248

WELL SITE

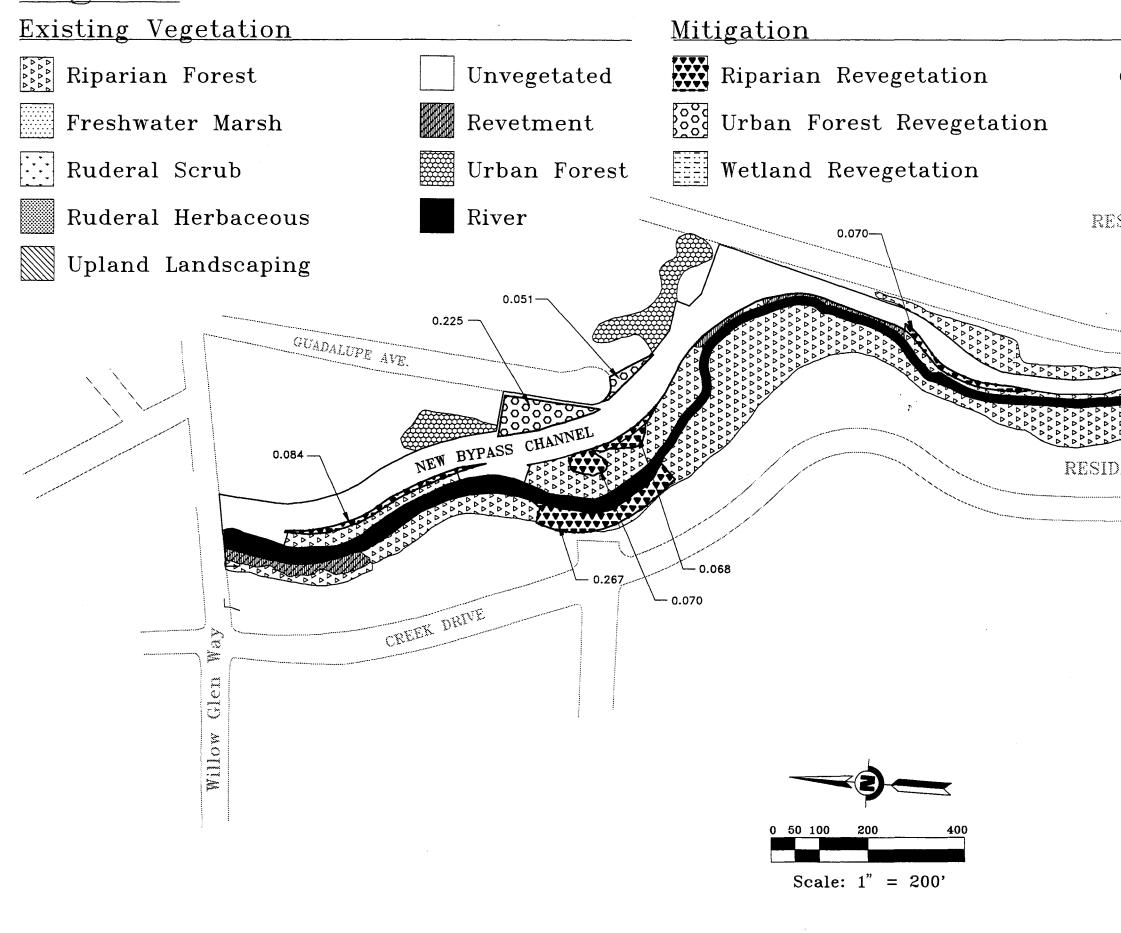
## RESIDENTIAL

## Upper Guadalupe River Flood Control Project

Plate V-44 Post-Project Vegetation in Reach 8



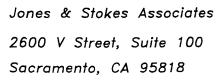


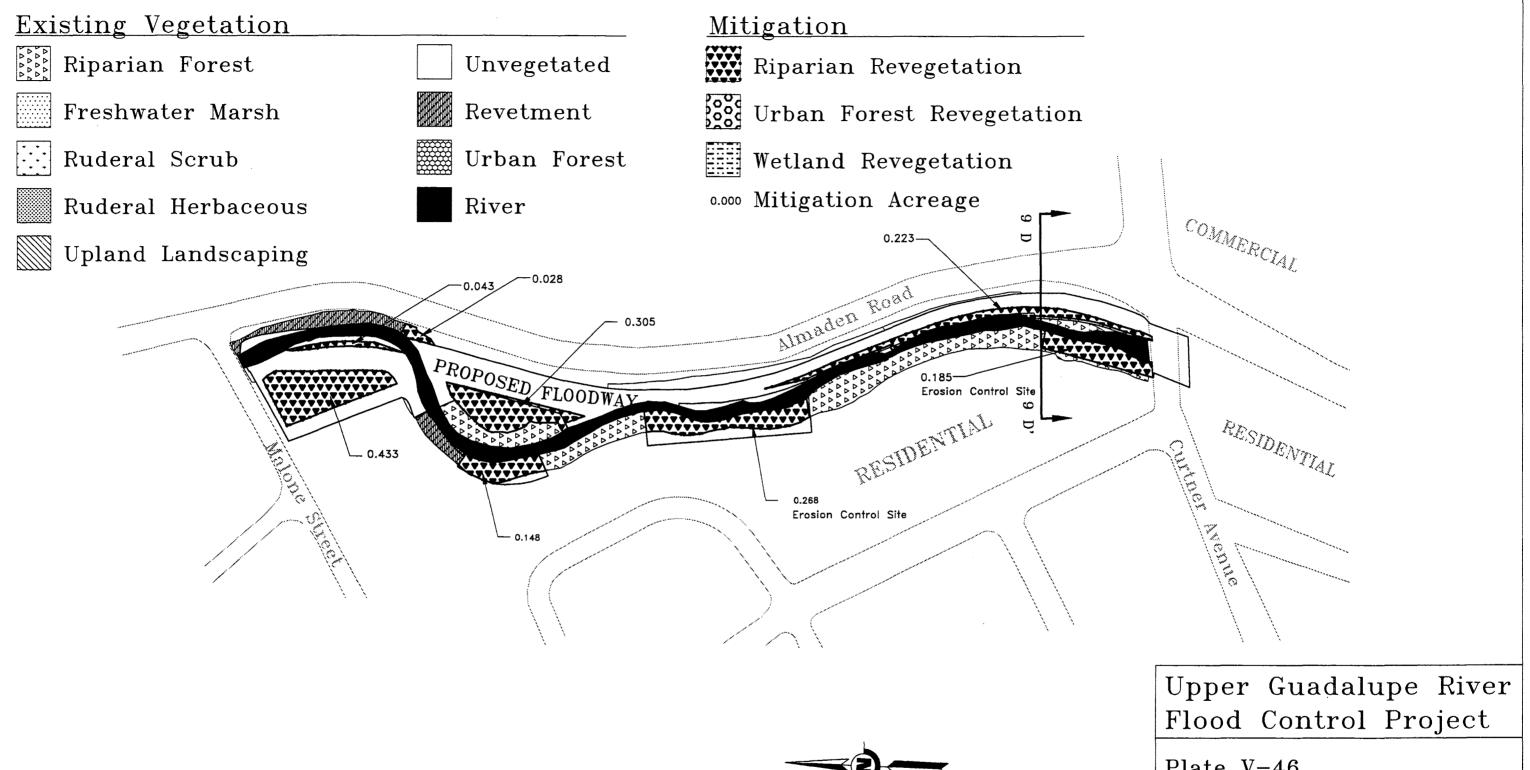


# 0.000 Mitigation Acreage RESIDENTIAL 0.073 -0.030 RESIDENTIAL Upper Guadalupe River

Flood Control Project

Plate V-45 Post-Project Vegetation in Reach 9A





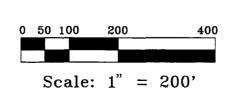
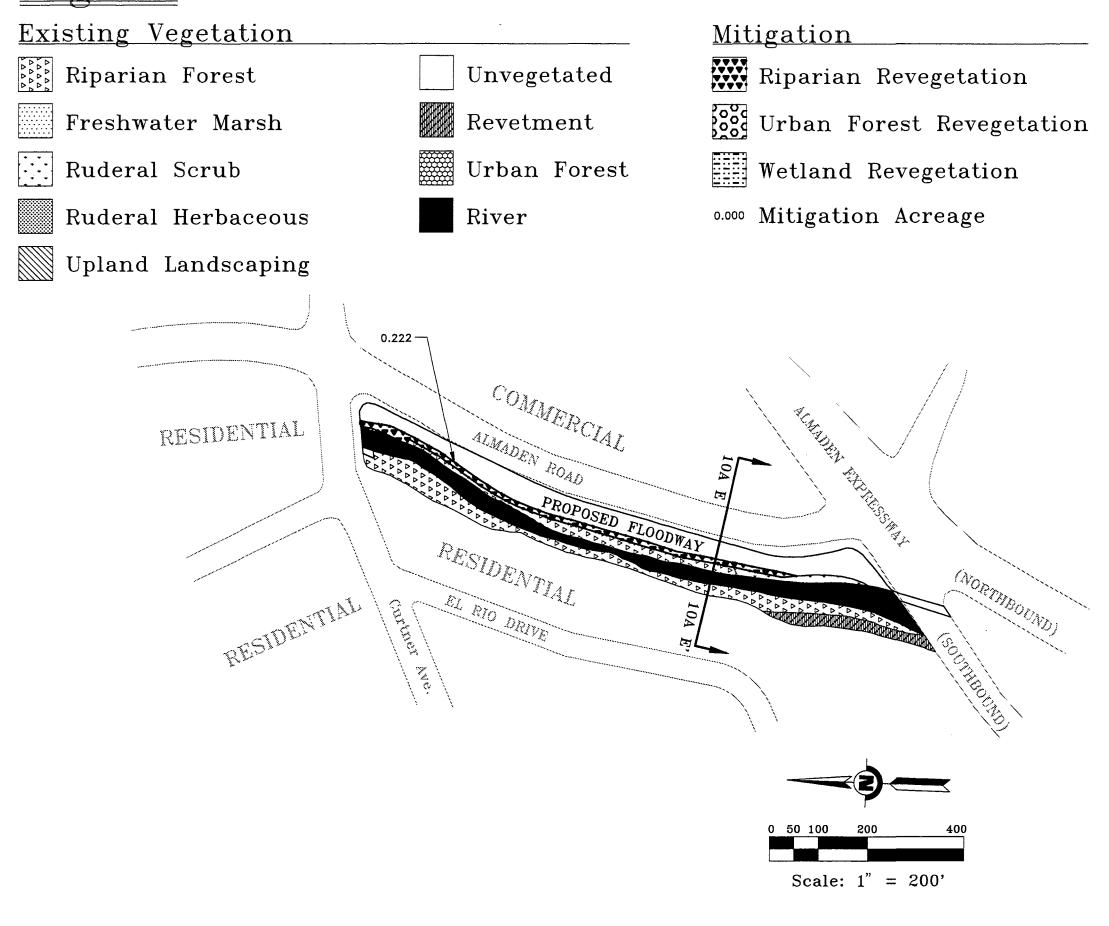


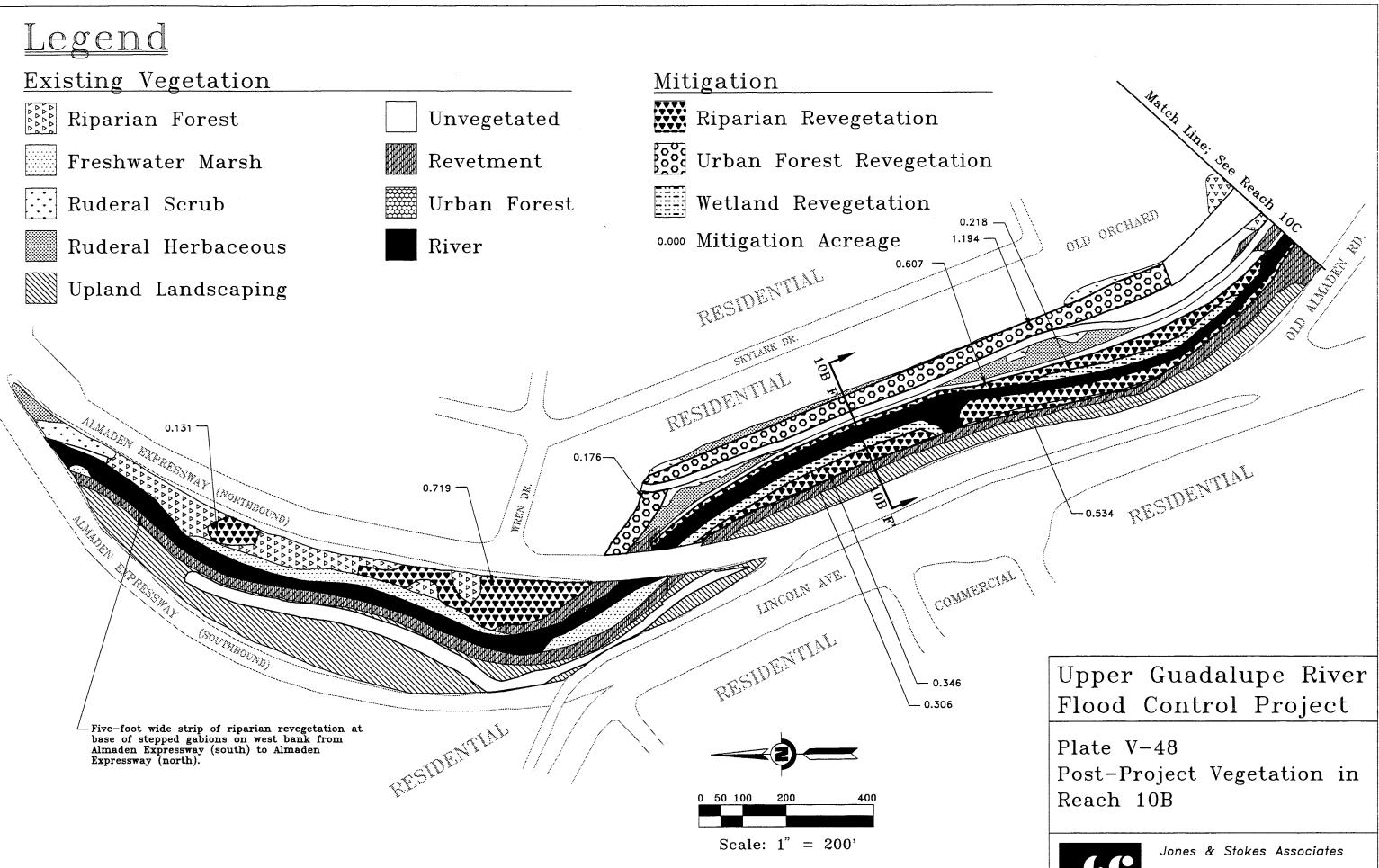
Plate V-46 Post-Project Vegetation in Reach 9B



# Upper Guadalupe River Flood Control Project

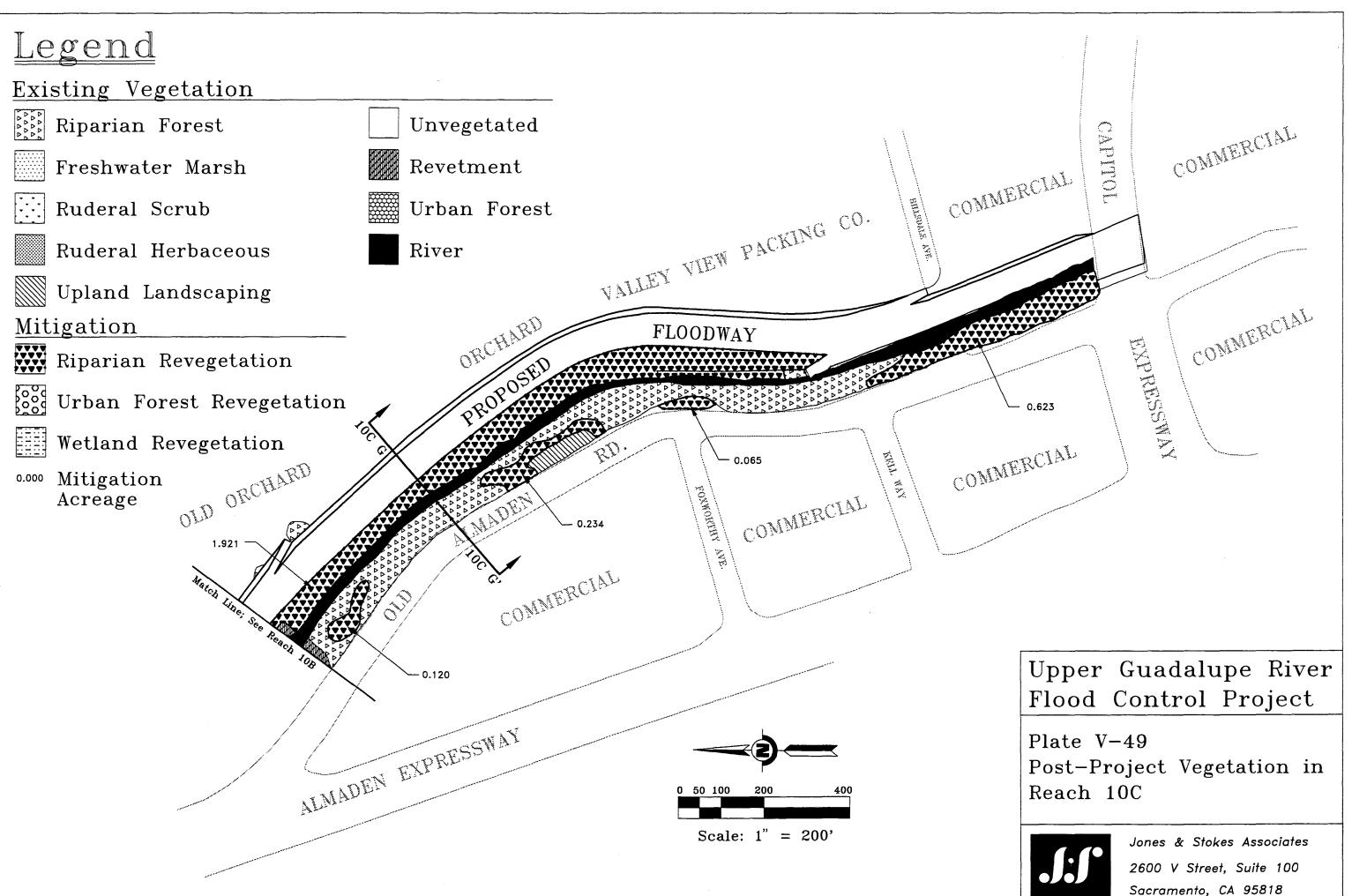
Plate V-47 Post-Project Vegetation in Reach 10A

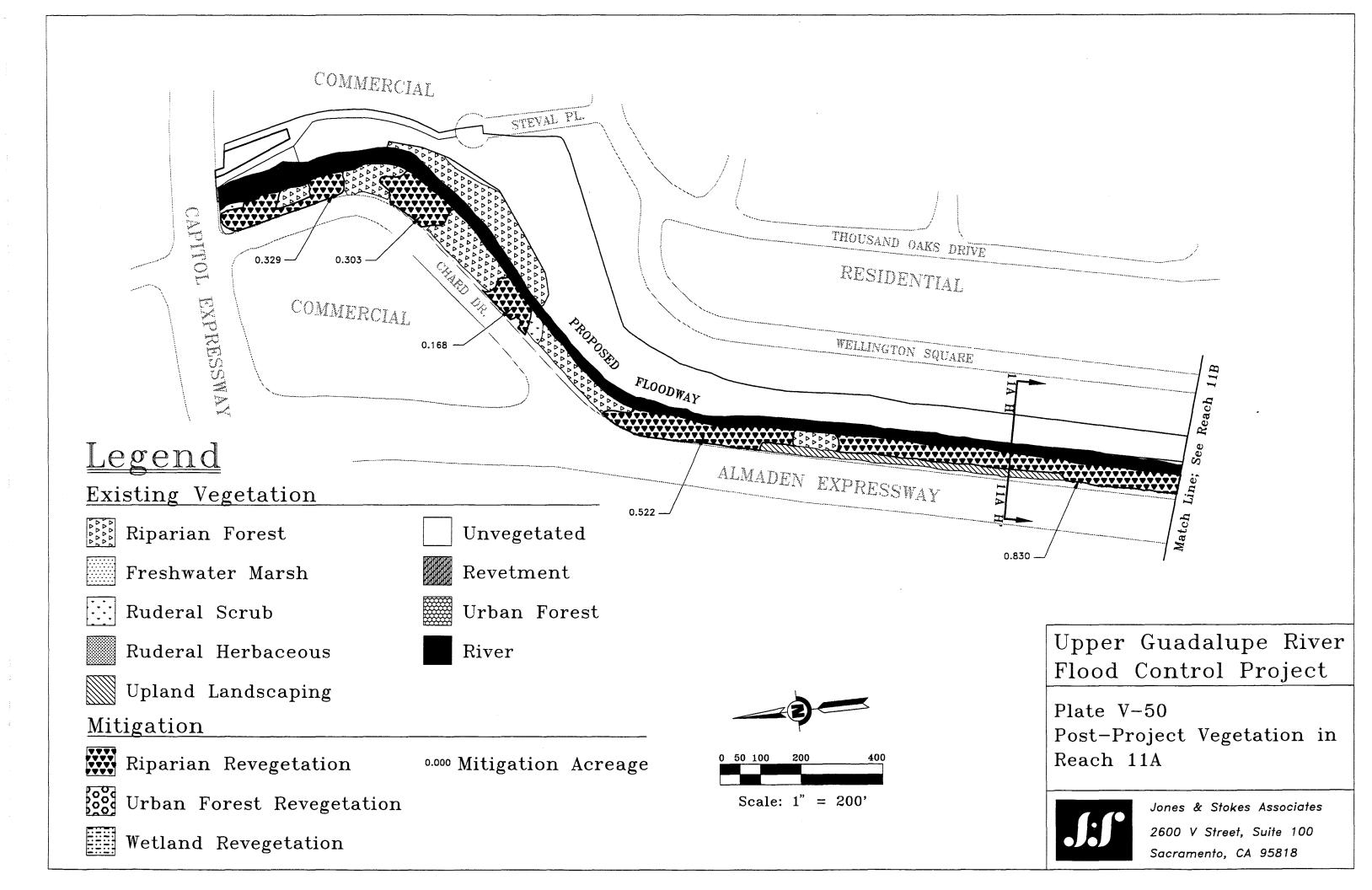


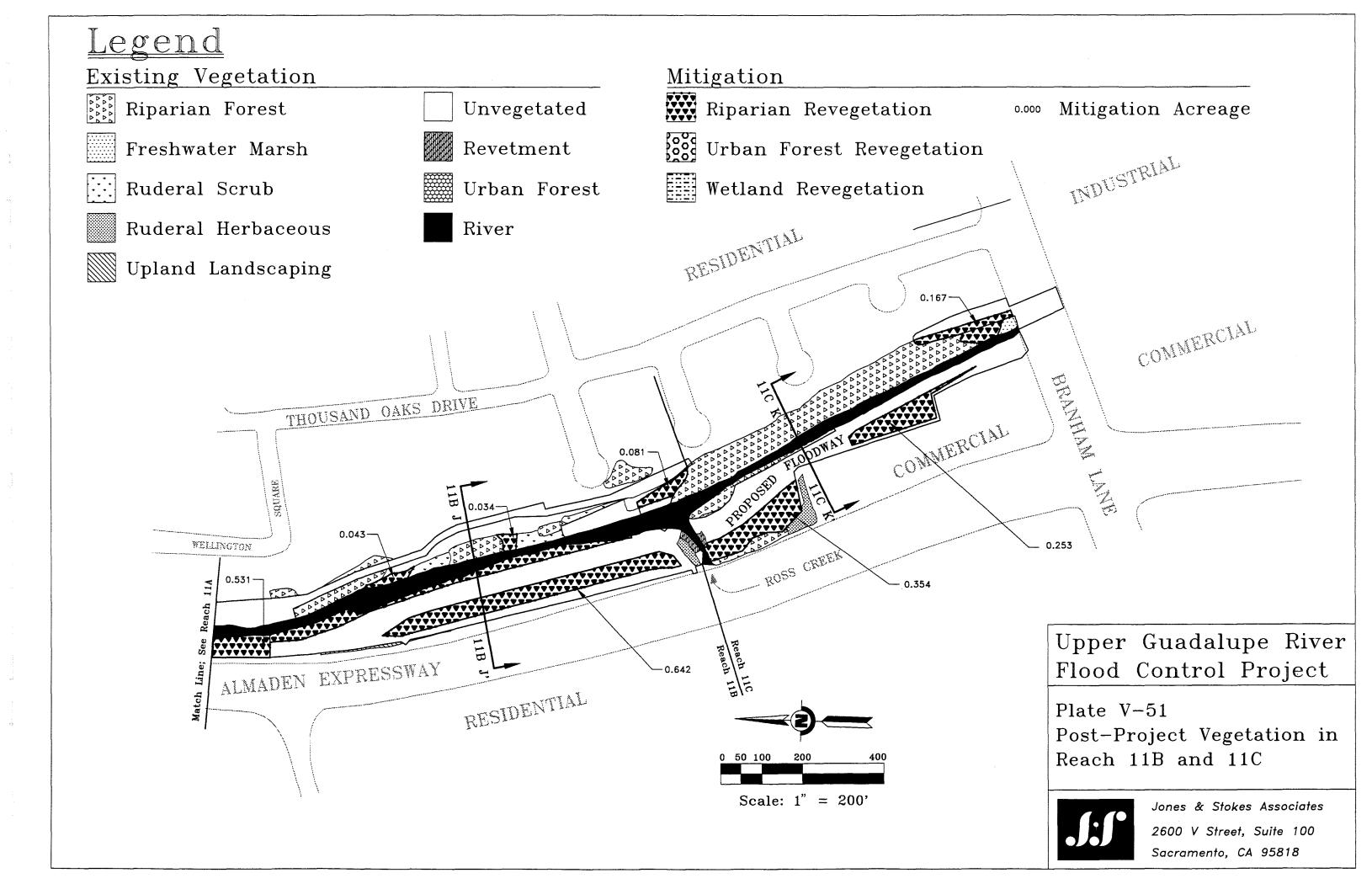


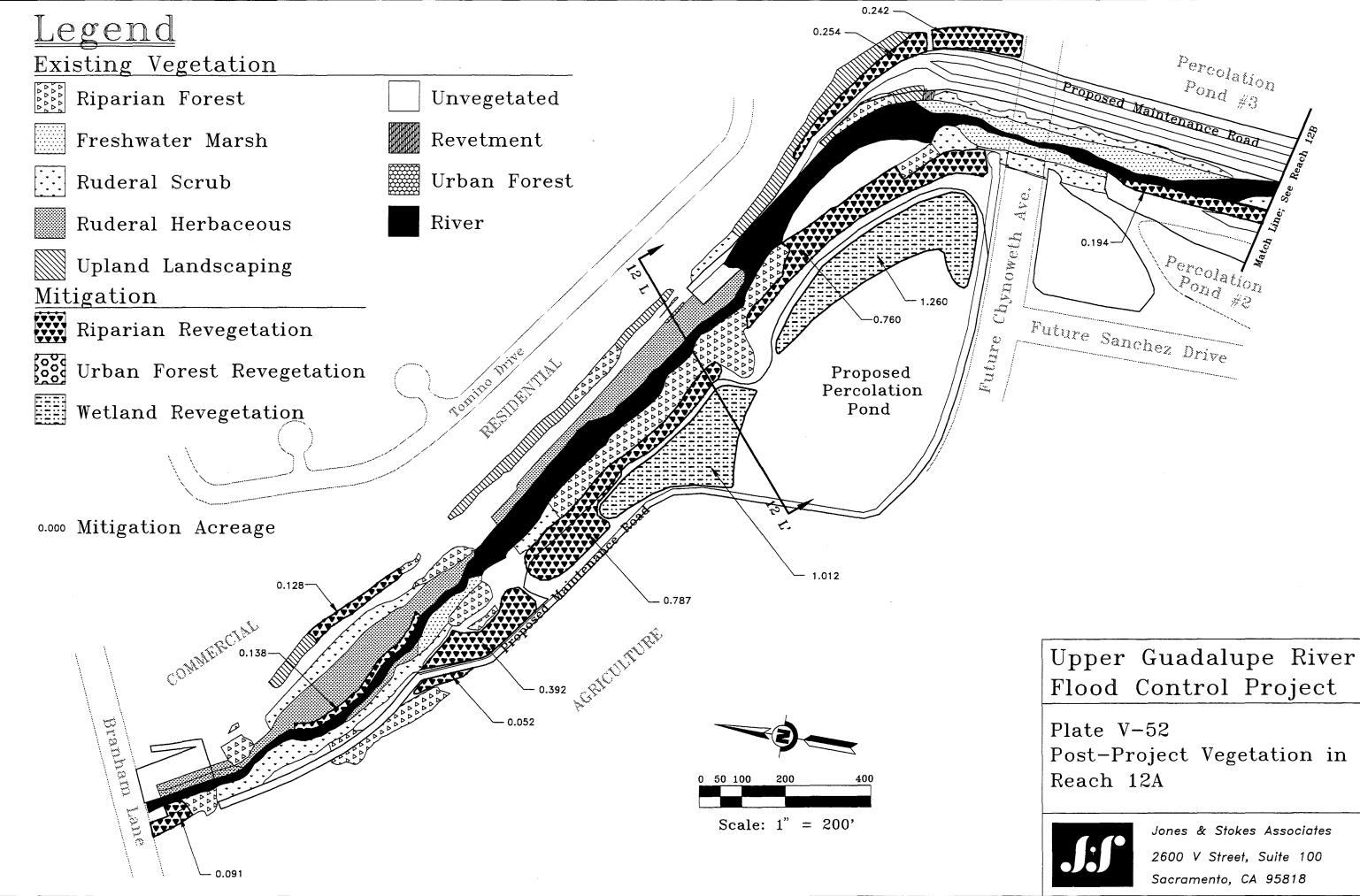
2600 V Street, Suite 100 Sacramento, CA 95818

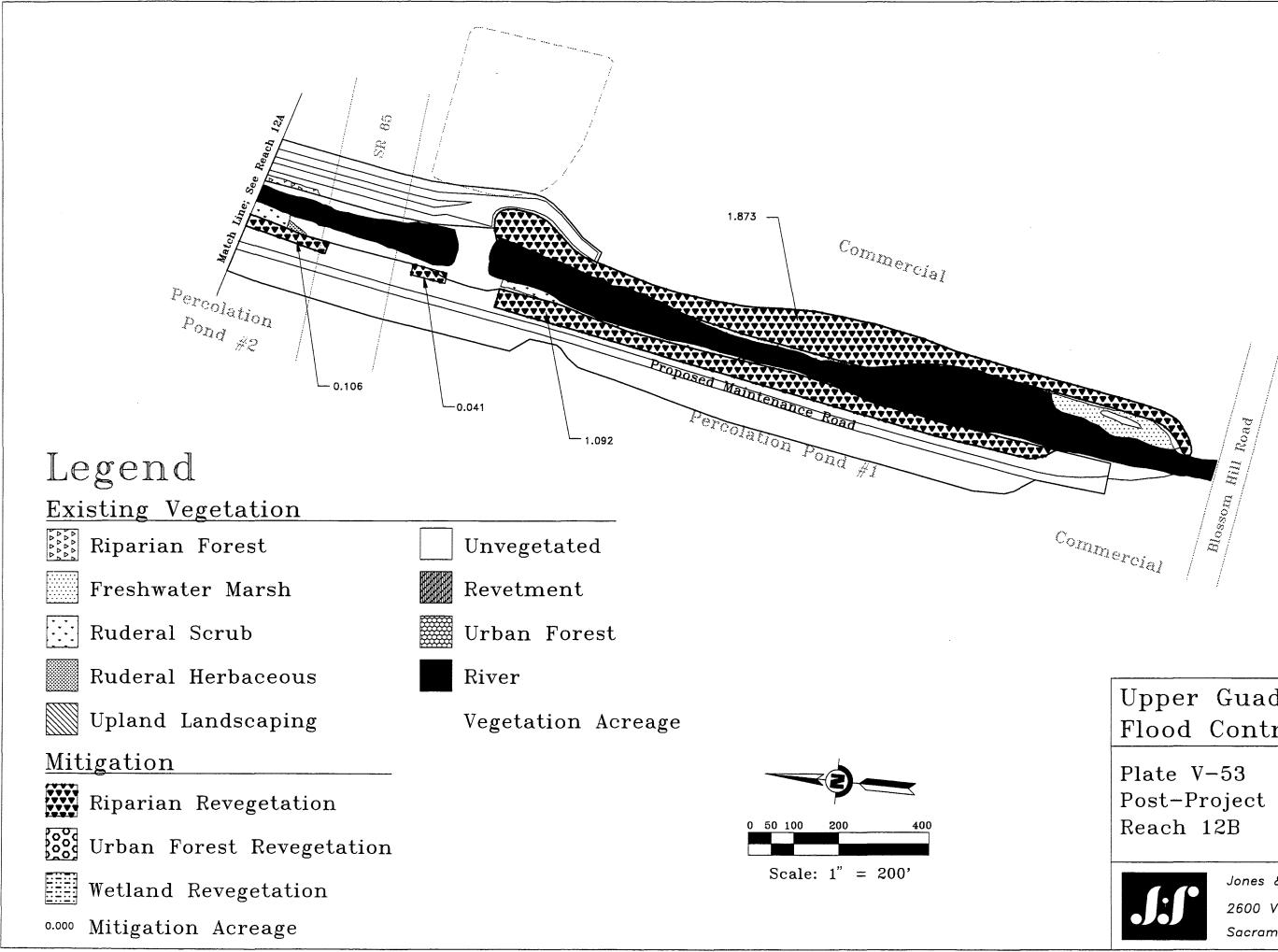
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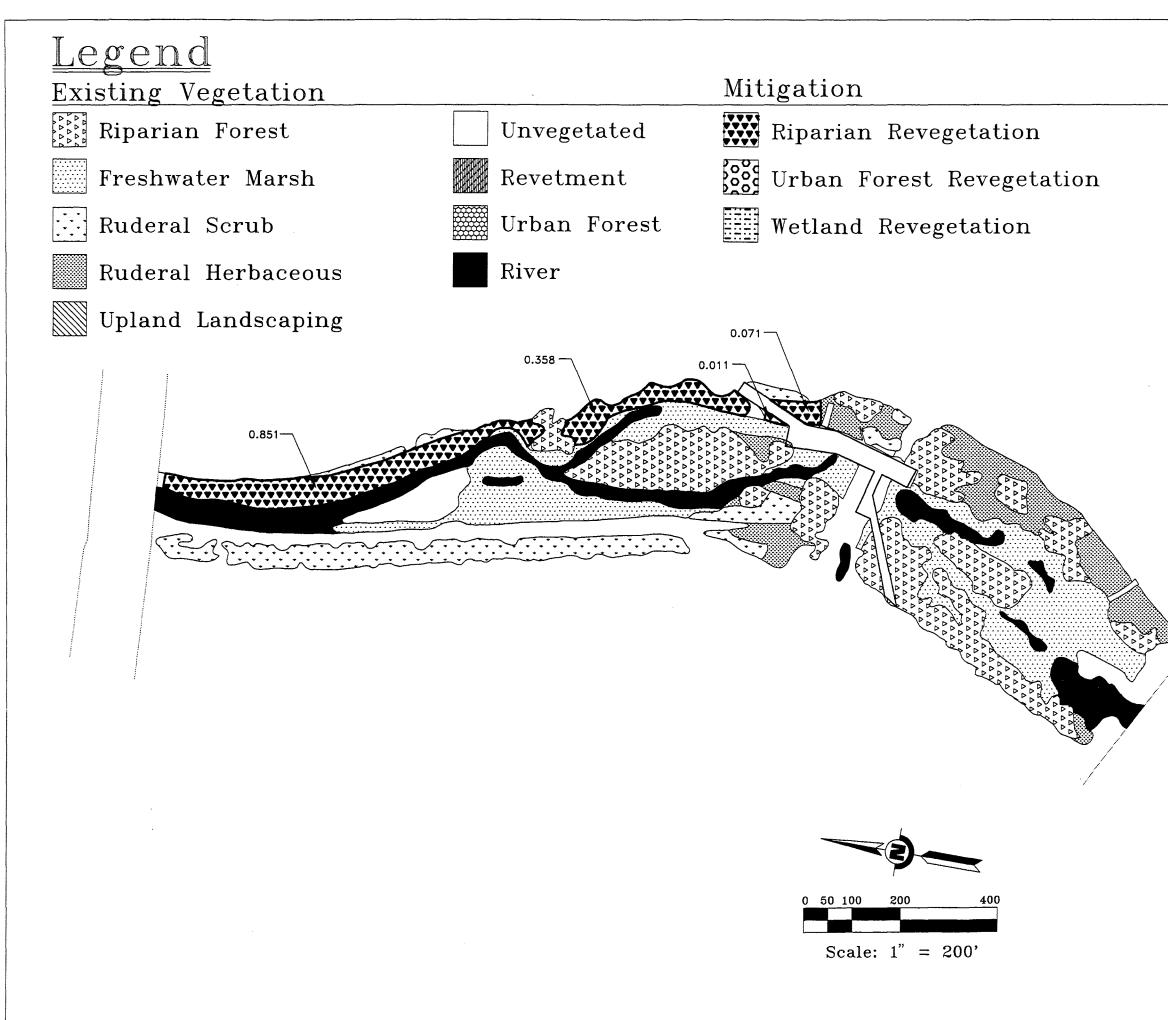


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# Upper Guadalupe River Flood Control Project

Post-Project Vegetation in

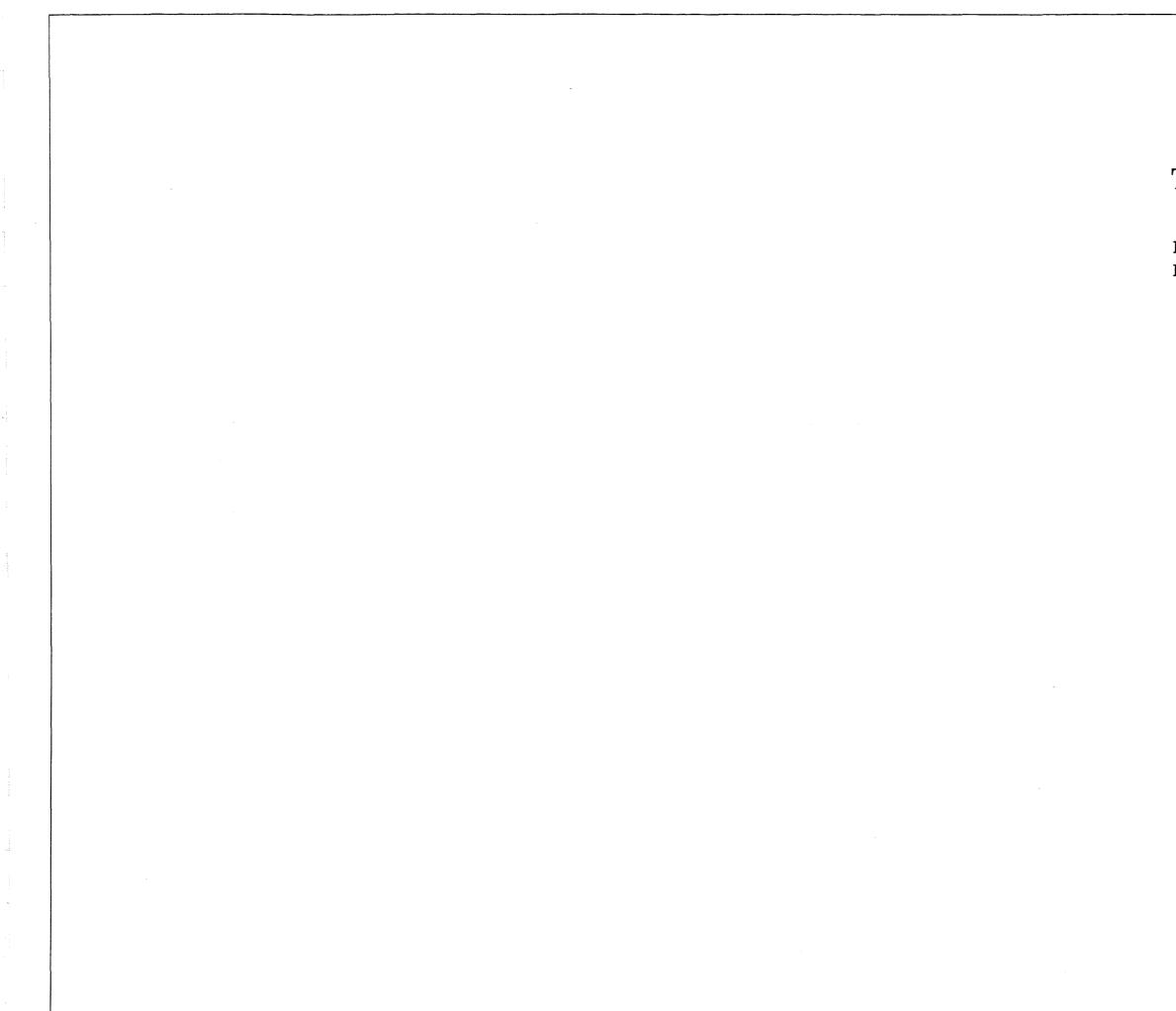


### 0.000 Mitigation Acreage

## Upper Guadalupe River Flood Control Project

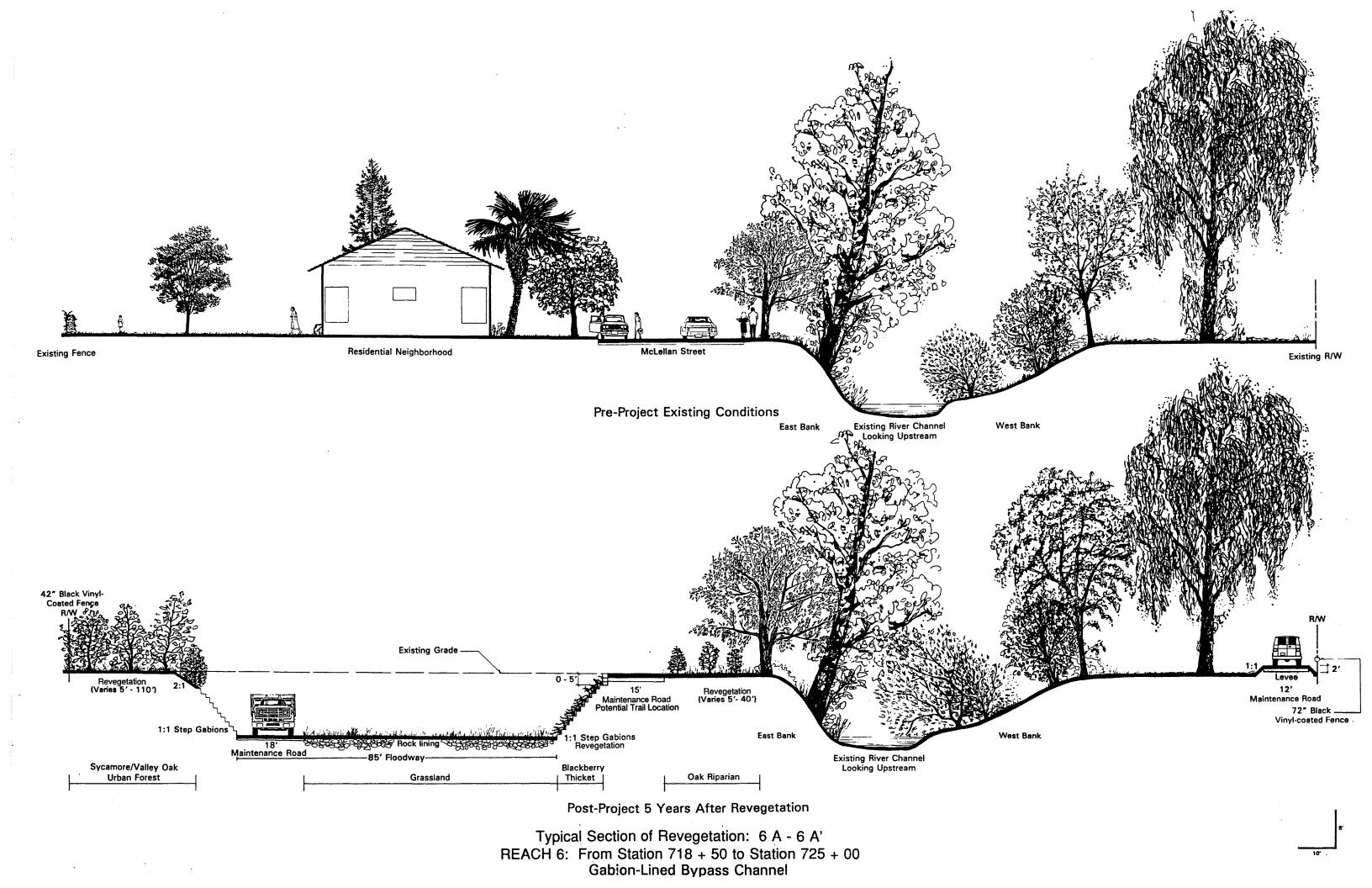
Plate V-54 Post-Project Vegetation in Reach 13

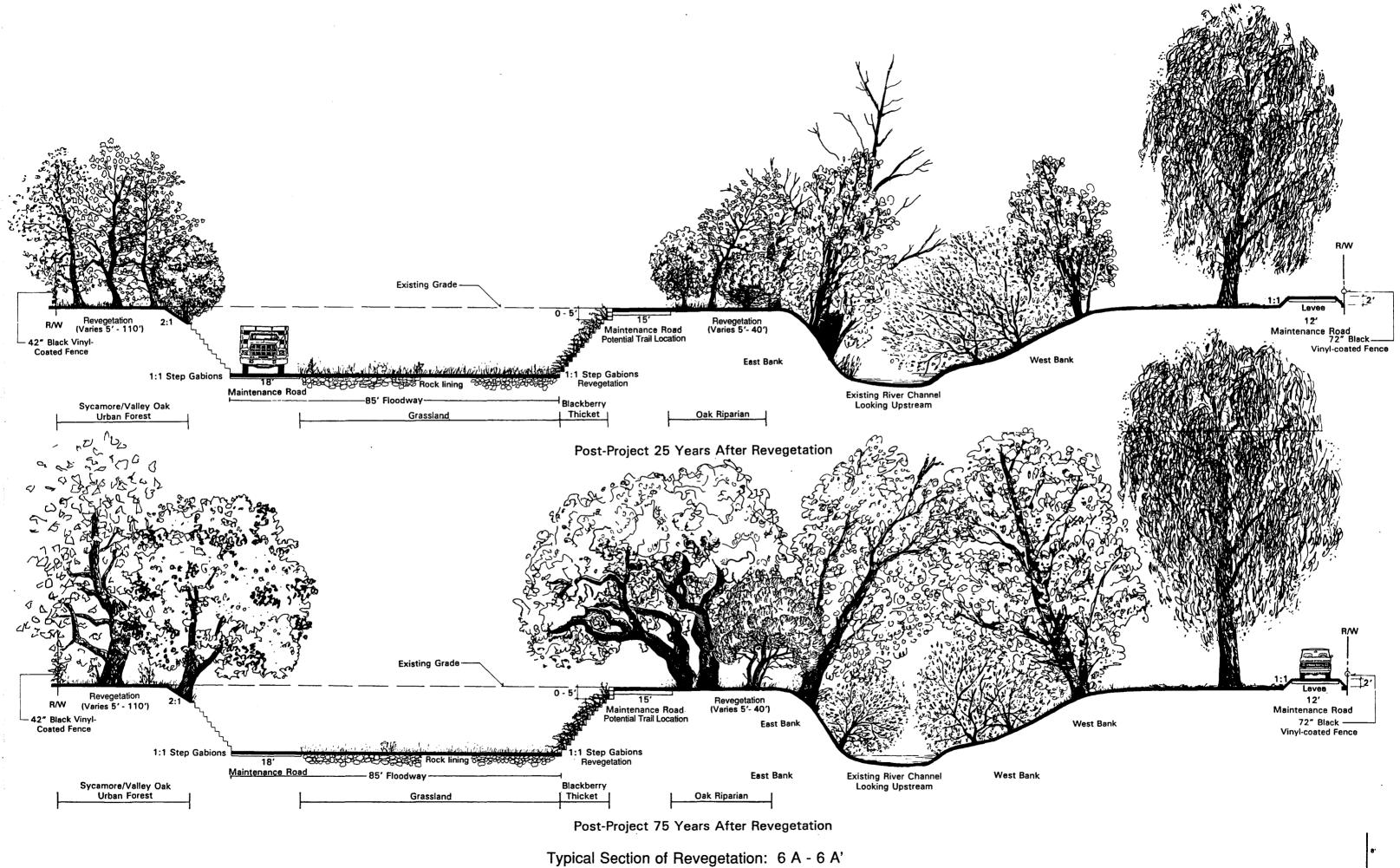




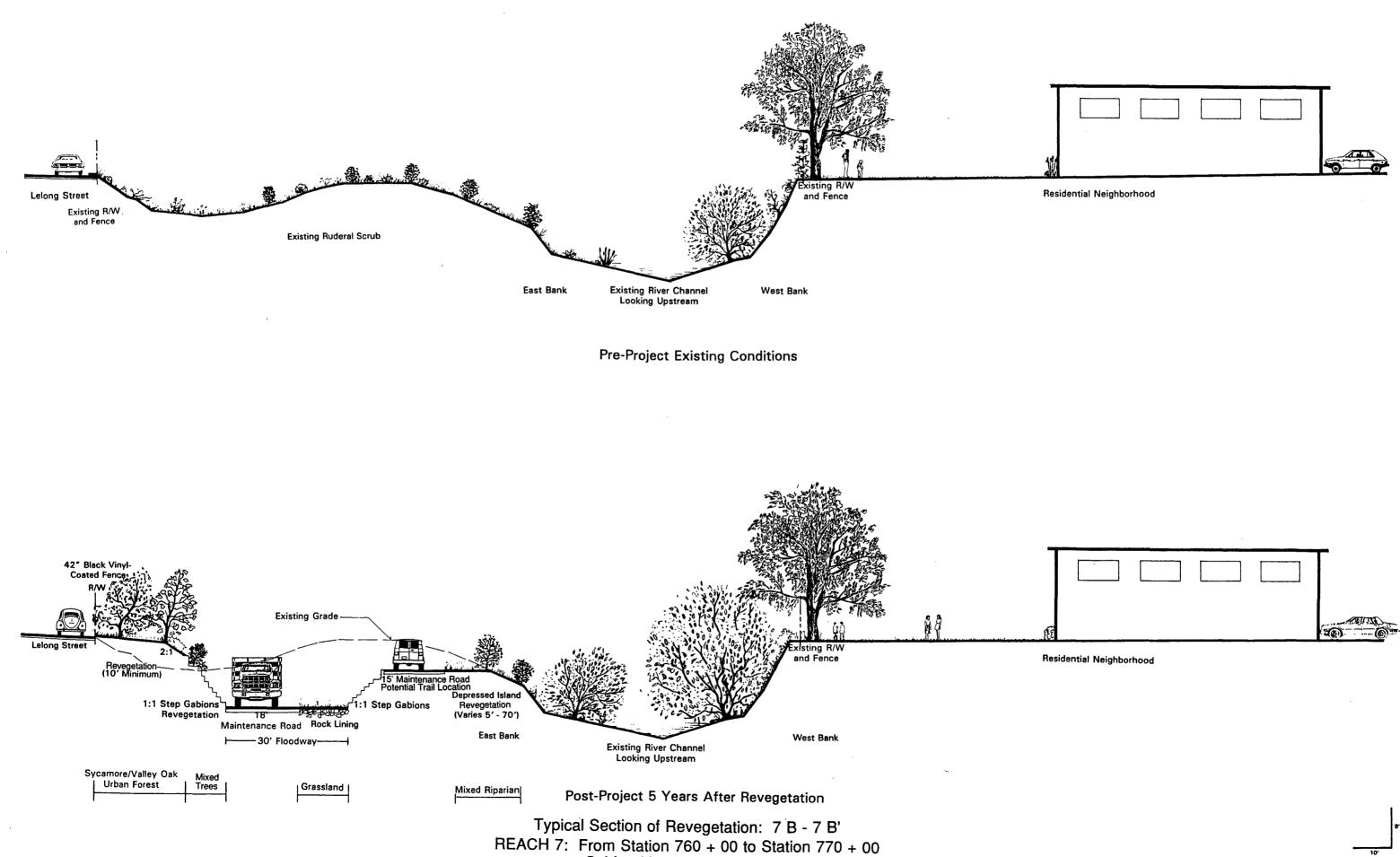
# Typical Sections

Refer to post-project vegetation plates for cross-section lines.

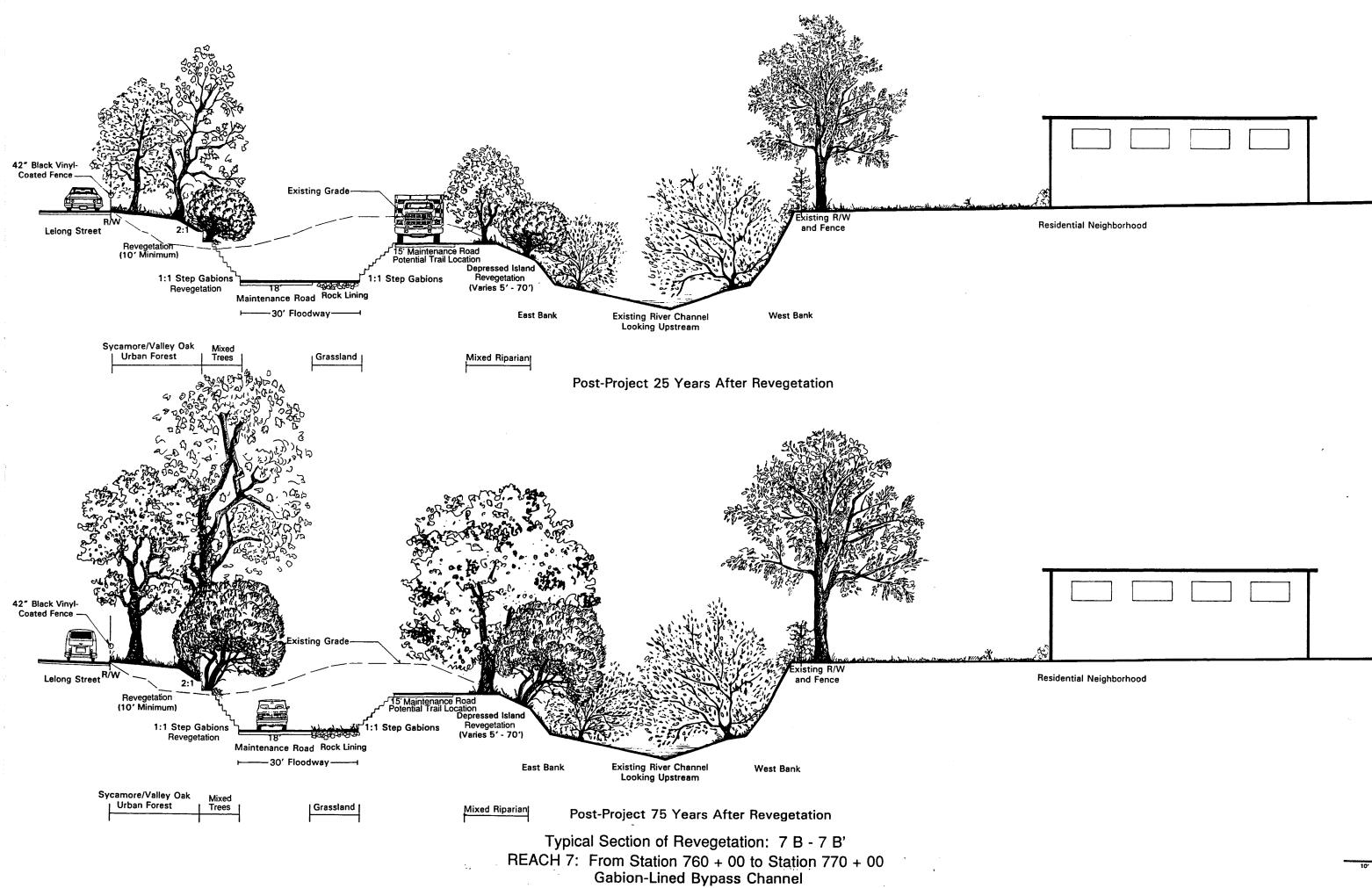


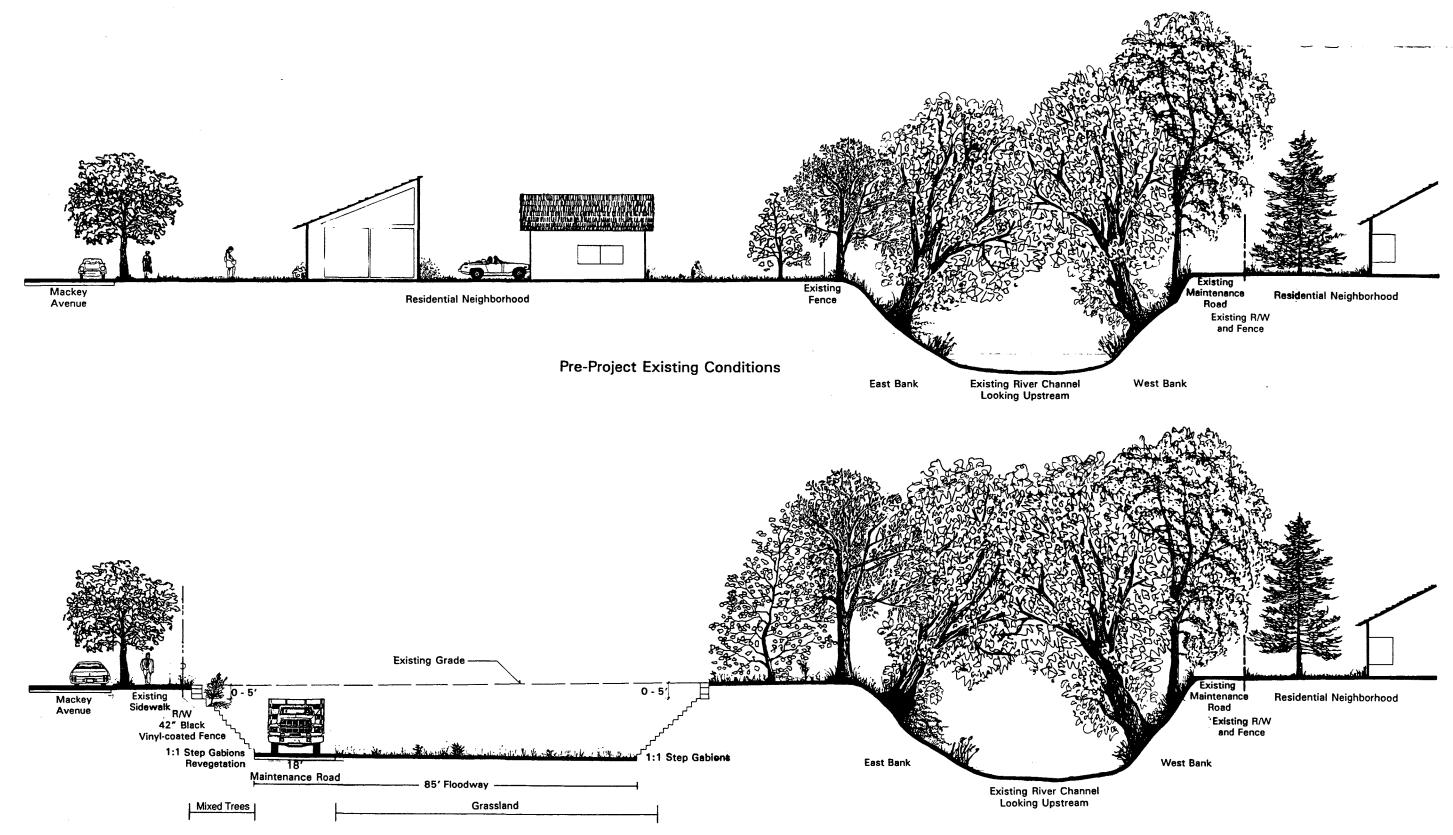


REACH 6: From Station 718 + 50 to Station 725 + 00 **Gabion-Lined Bypass Channel** 



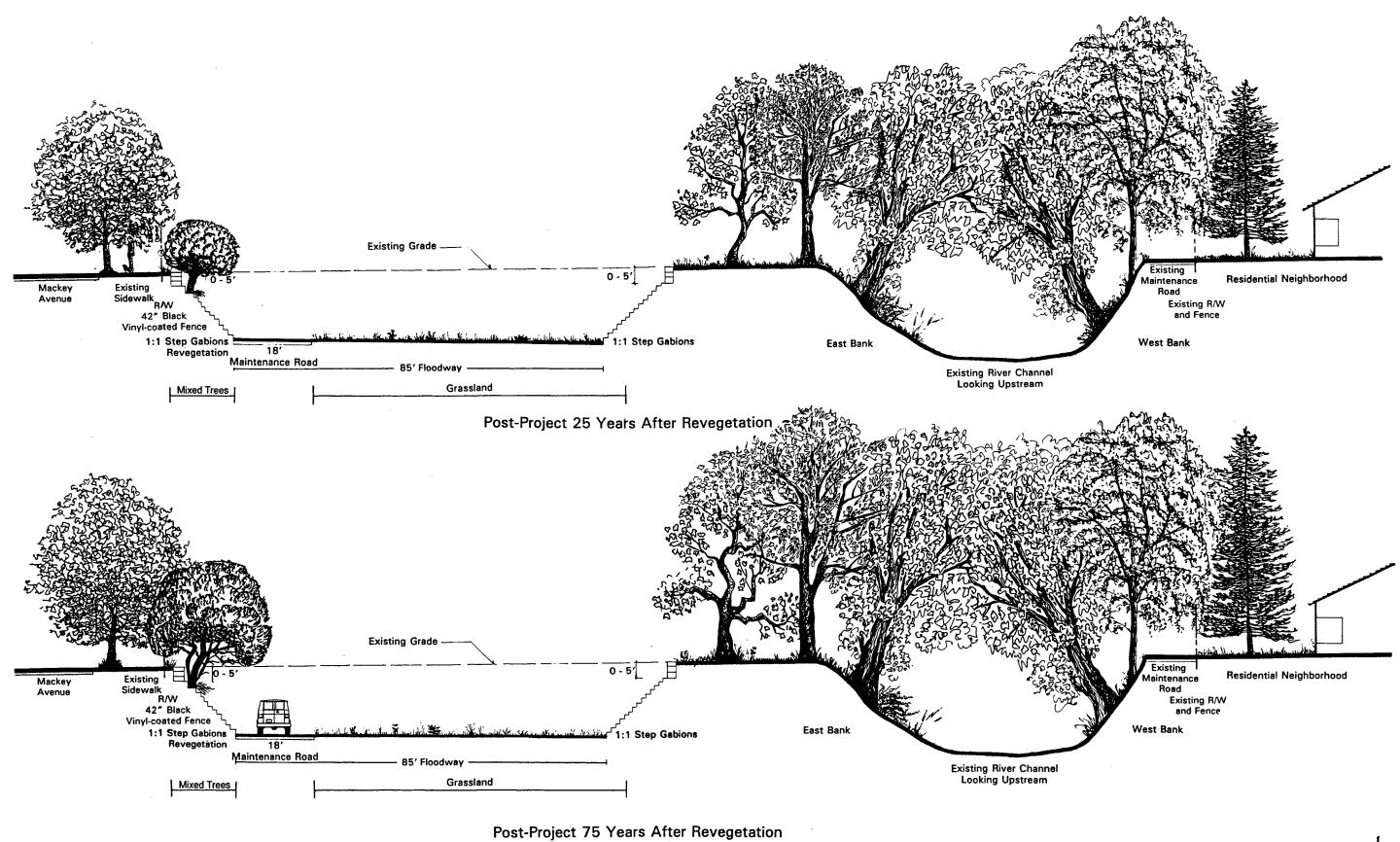
Gabion-Lined Bypass Channel



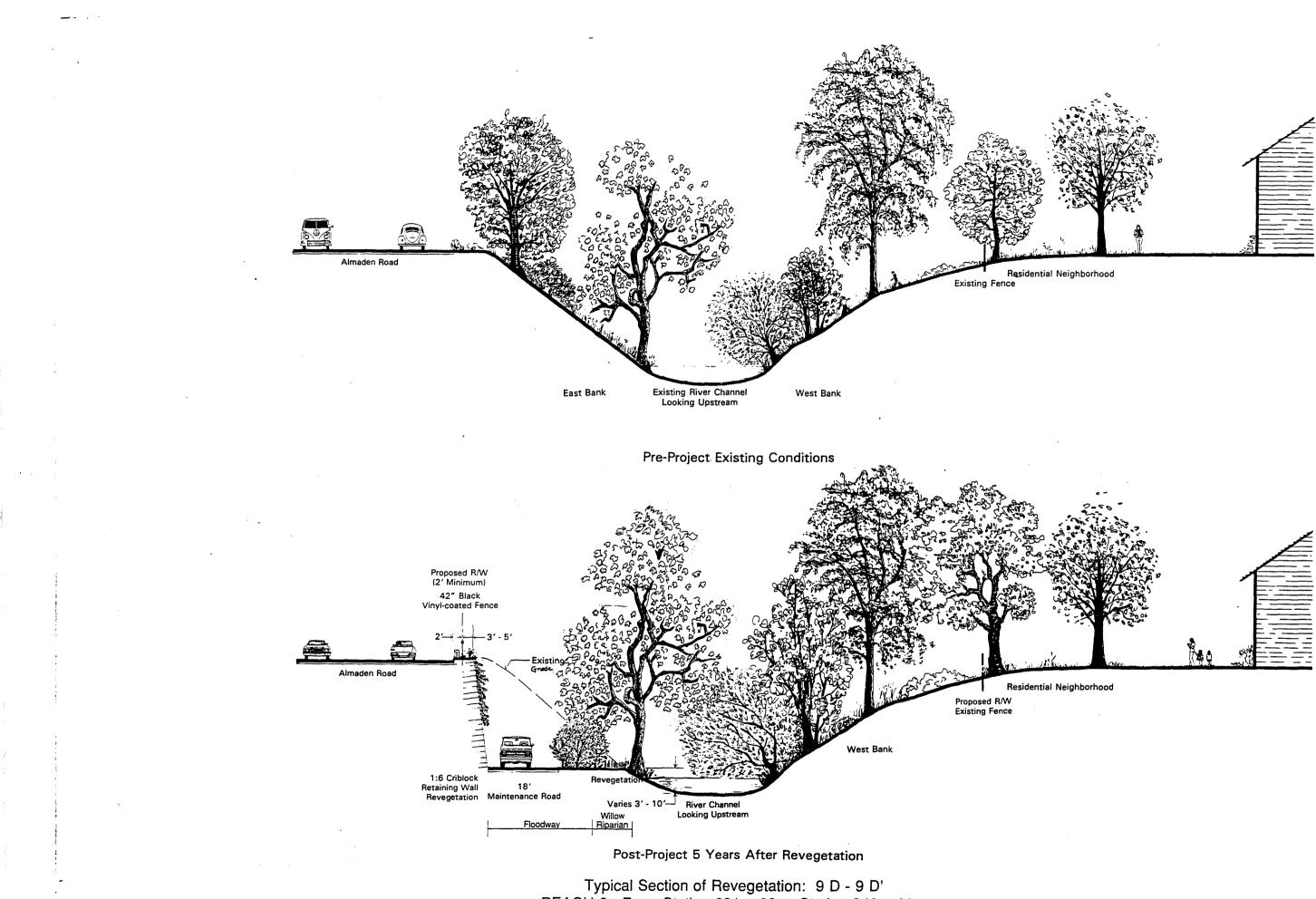


Post-Project 5 Years After Revegetation

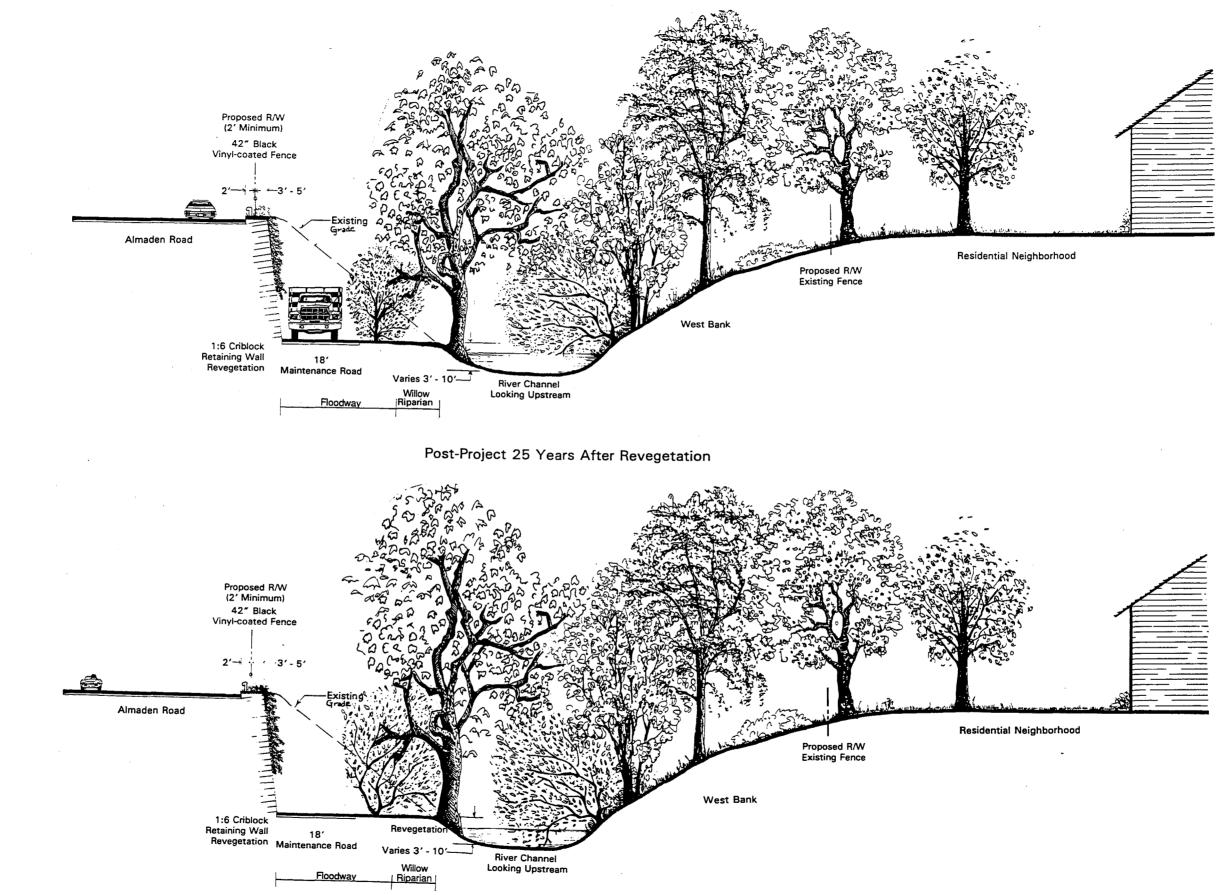
Typical Section of Revegetation: 8 C - 8 C' REACH 8: From Station 786 + 00 to Station 791 + 00 Gabion-Lined Bypass Channel



Typical Section of Revegetation: 8 C - 8 C' REACH 8: From Station 786 + 00 to Station 791 + 00 Gabion-Lined Bypass Channel



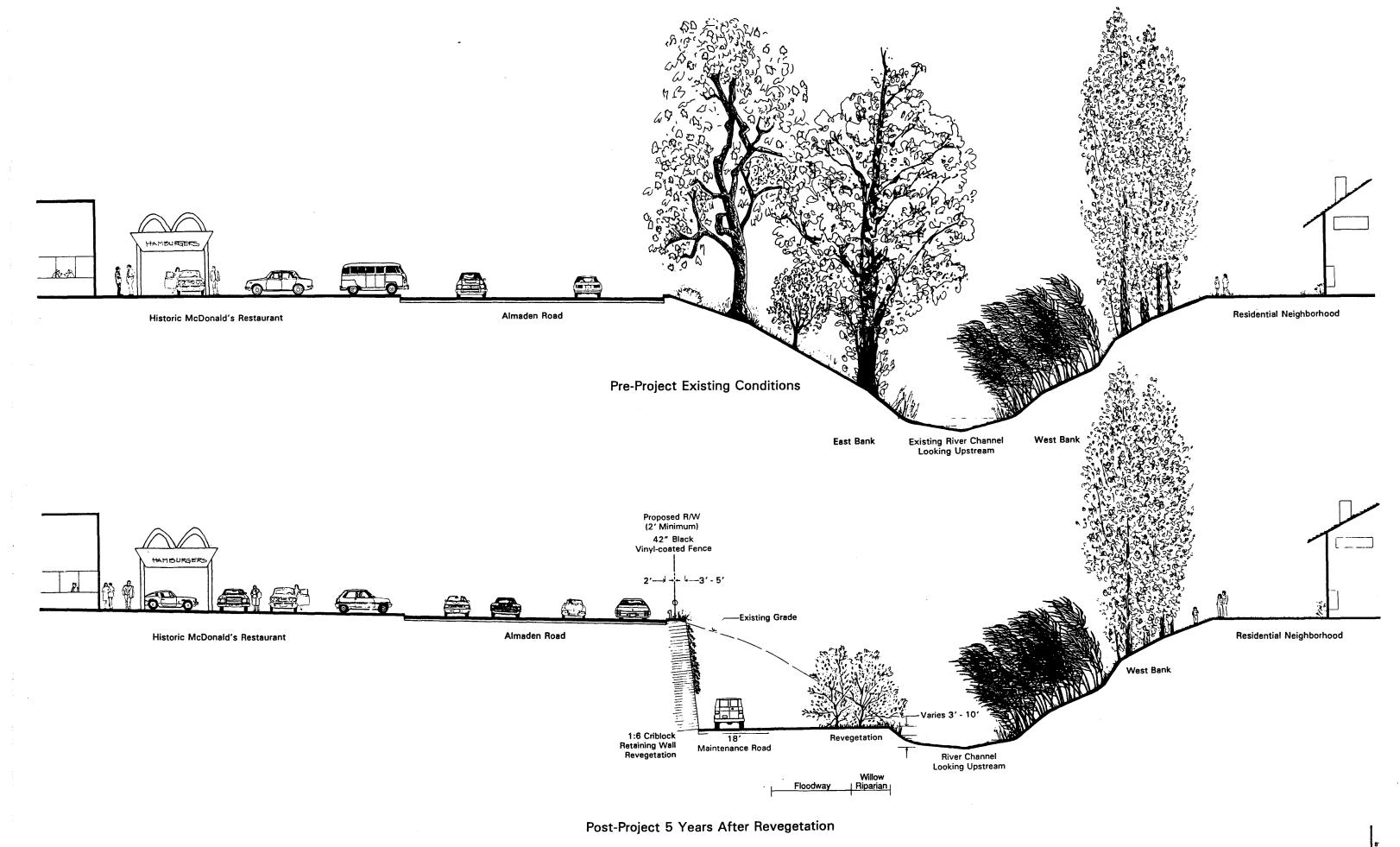
Typical Section of Revegetation: 9 D - 9 D' REACH 9: From Station 831 + 00 to Station 842 + 00 East Bank Widening



Post-Project 75 Years After Revegetation

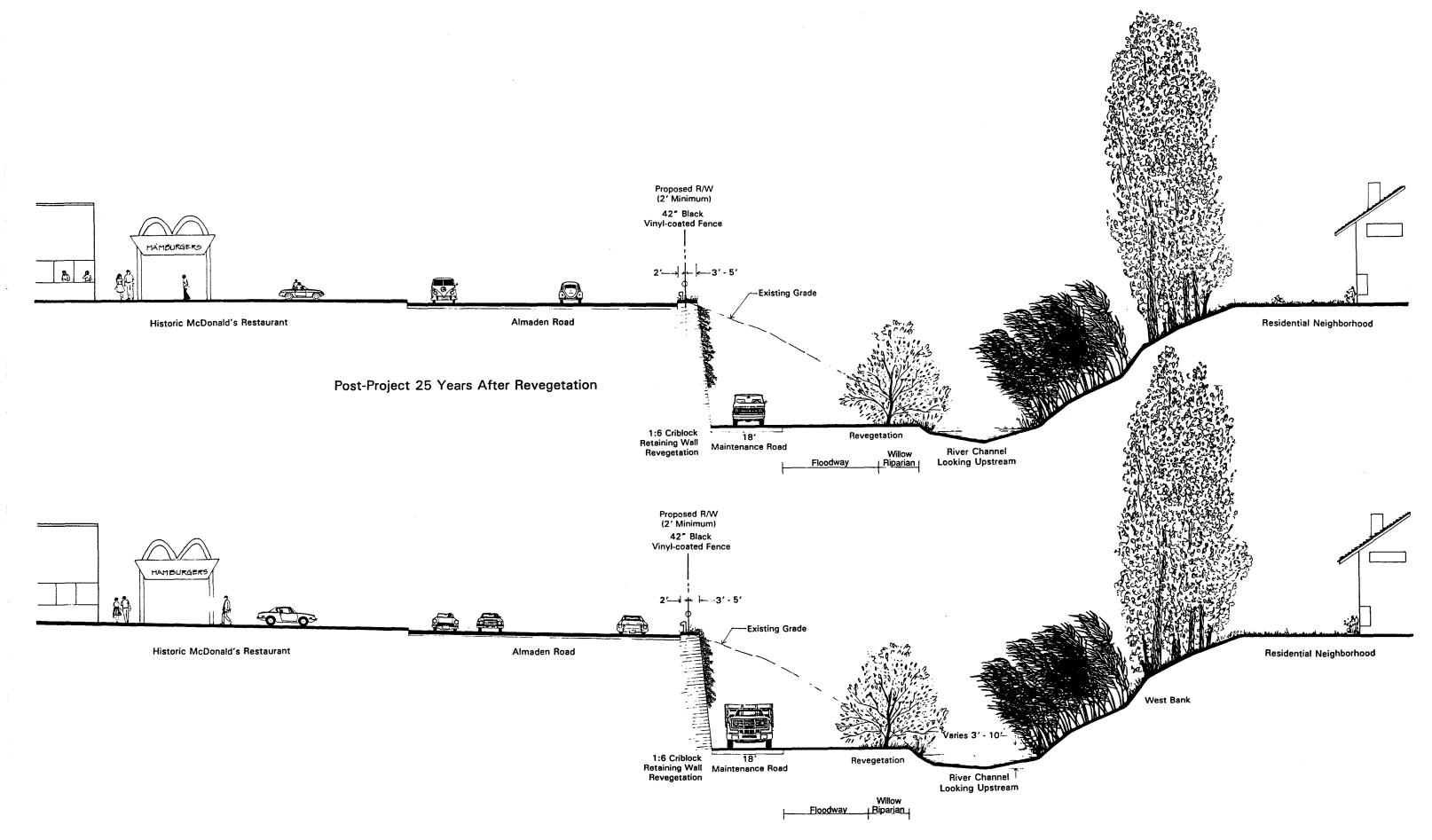
Typical Section of Revegetation: 9 D - 9 D' REACH 9: From Station 831 + 00 to Station 842 + 00 East Bank Widening

1



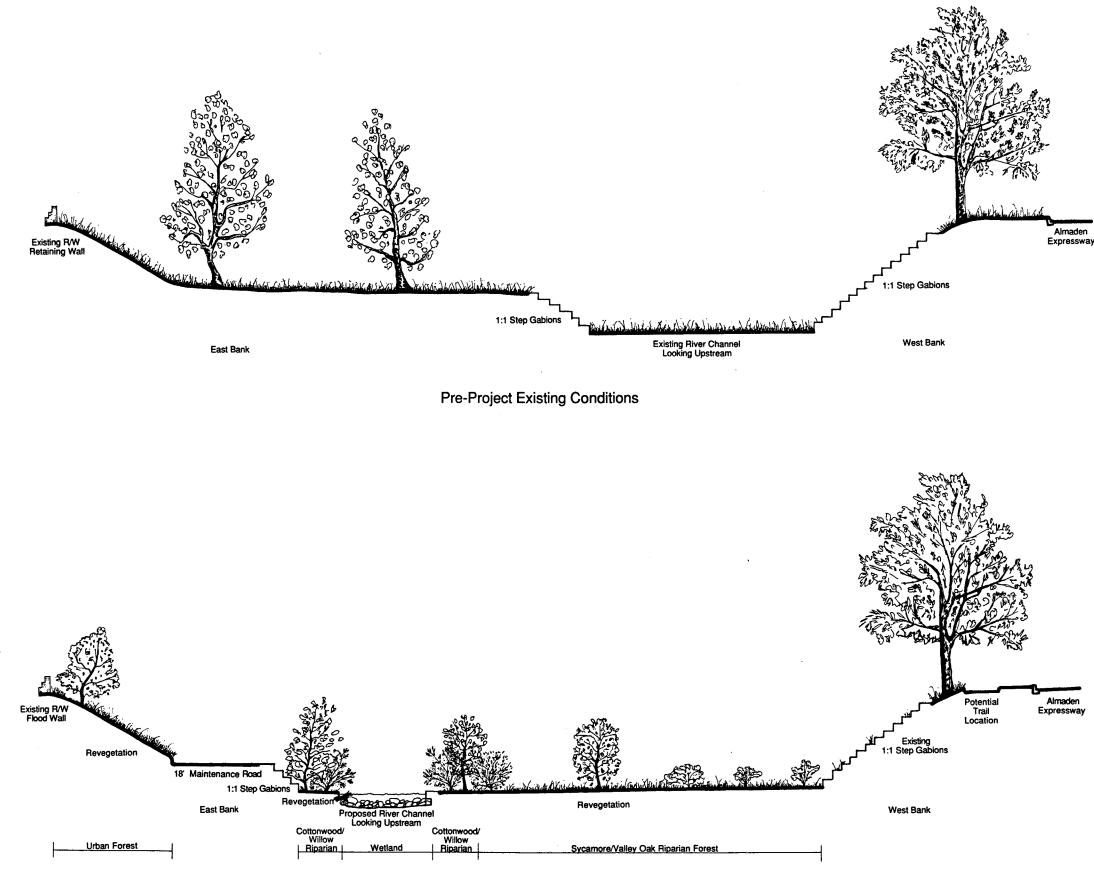
Typical Section of Revegetation: 10A E - 10A E' REACH 10A: From Station 844 + 00 to Station 851 + 00 East Bank Widening

10



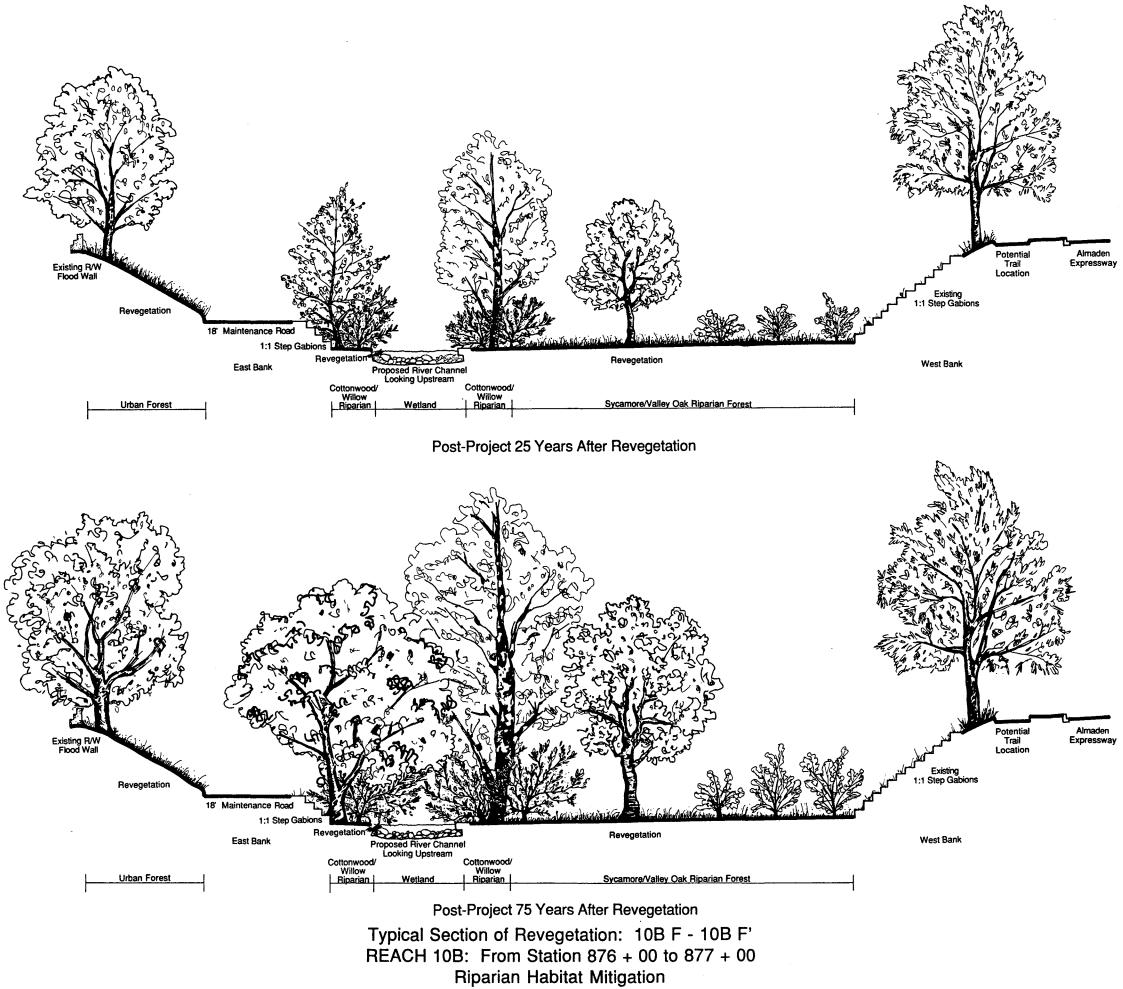
Post-Project 75 Years After Revegetation

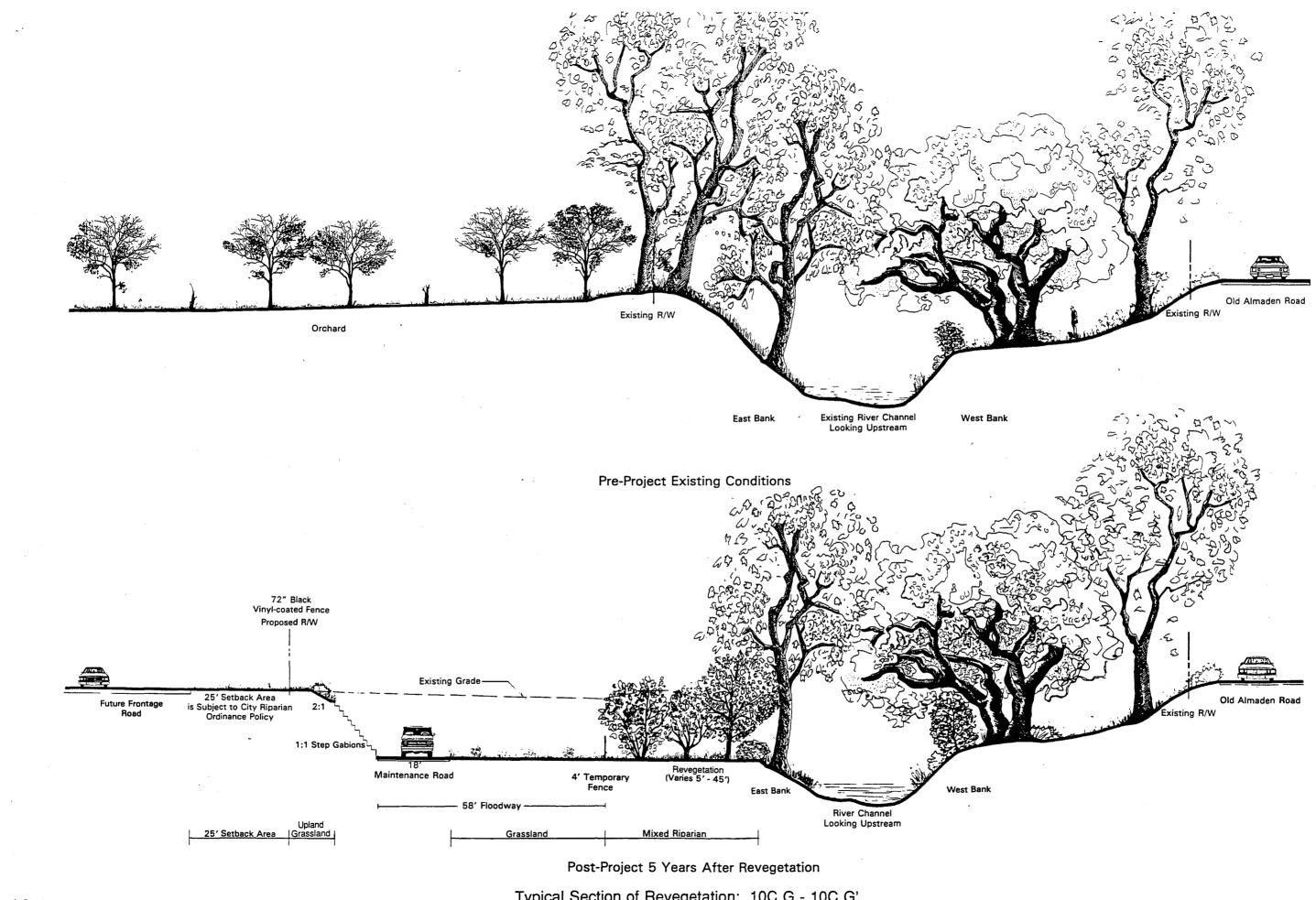
Typical Section of Revegetation: 10A E - 10A E' REACH 10A: From Station 844 + 00 to Station 851+ 00 East Bank Widening



Post-Project 5 Years After Revegetation

Typical Section of Revegetation: 10B F - 10B F' REACH 10B: From Station 876 + 00 to 877 + 00 Riparian Habitat Mitigation

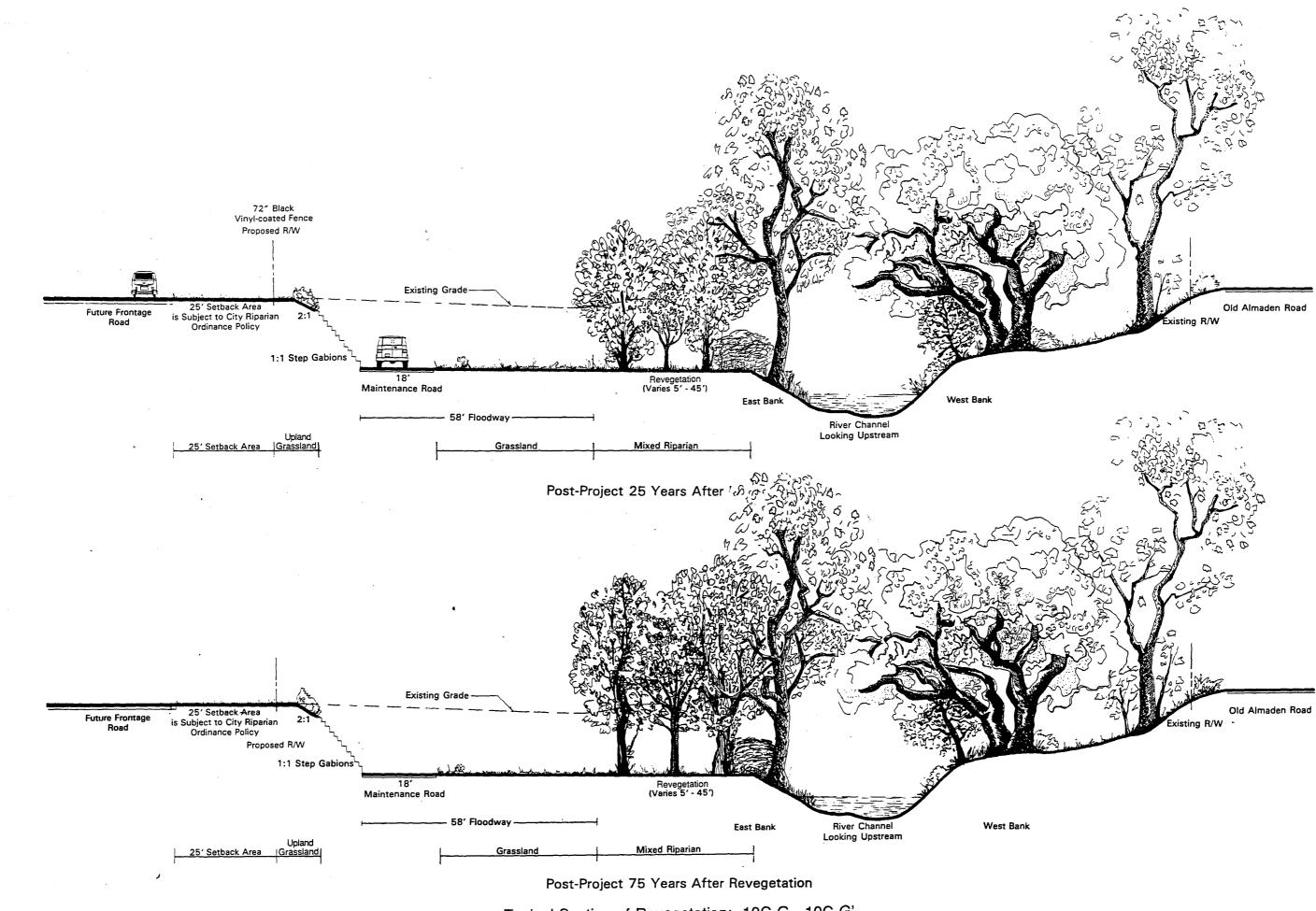




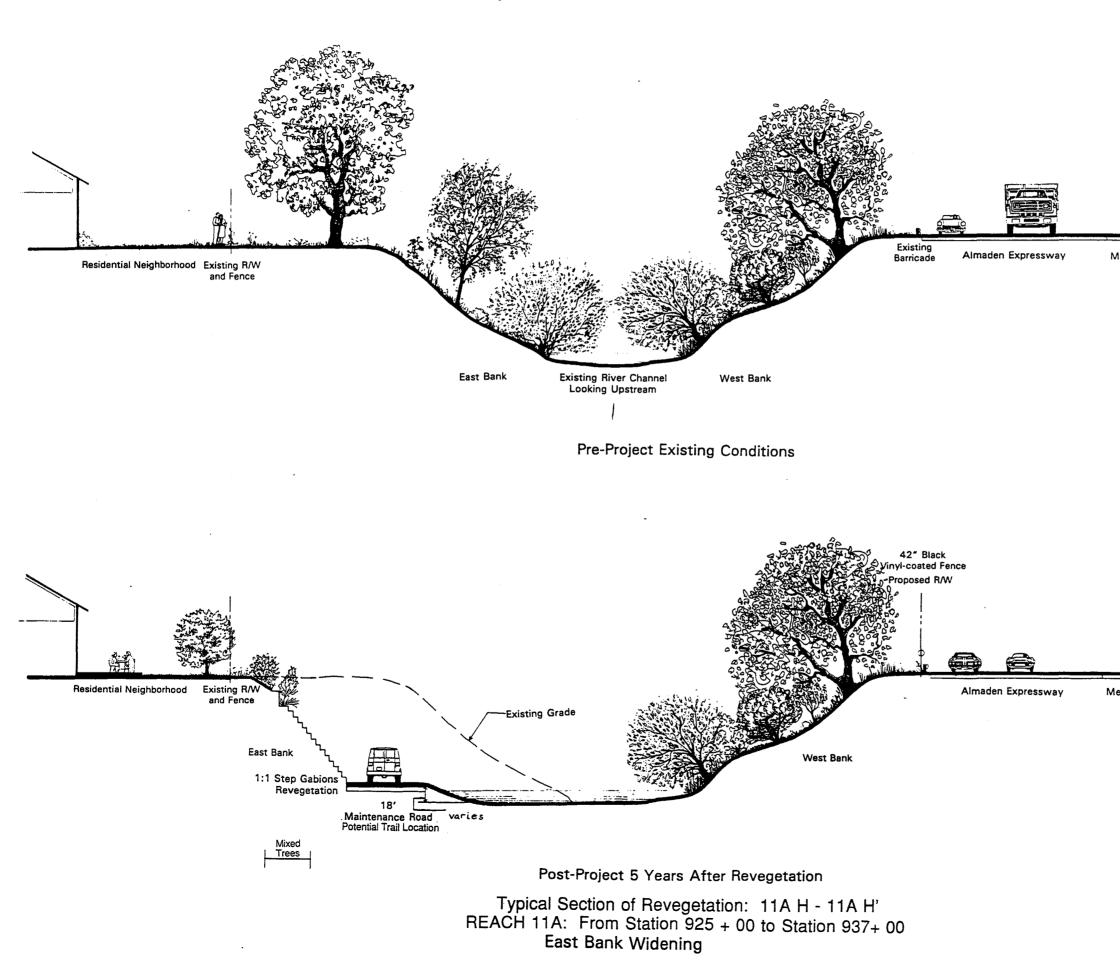
Typical Section of Revegetation: 10C G - 10C G' REACH 10C: From Station 888 + 00 to Station 903+ 00 East Bank Widening

.

\_\_\_\_\_\_B\*



Typical Section of Revegetation: 10C G - 10C G' REACH 10C: From Station 888 + 00 to Station 903+ 00 East Bank Widening



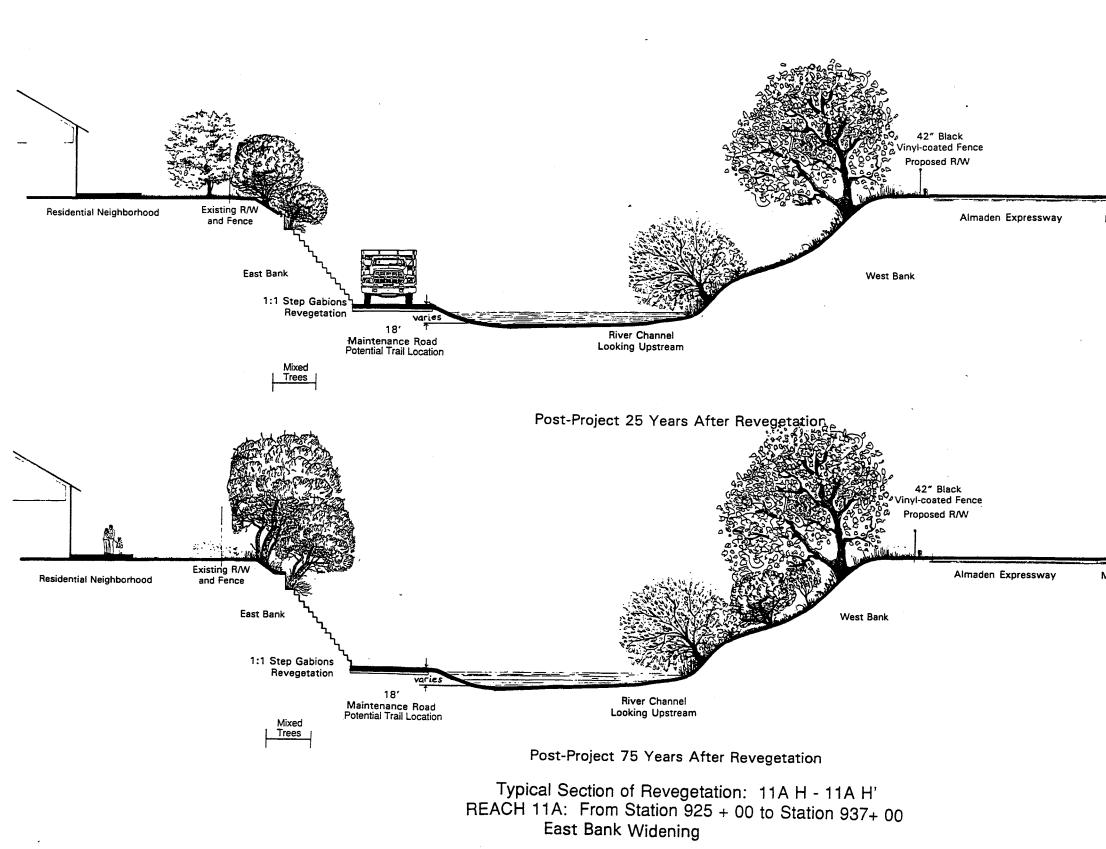


Median

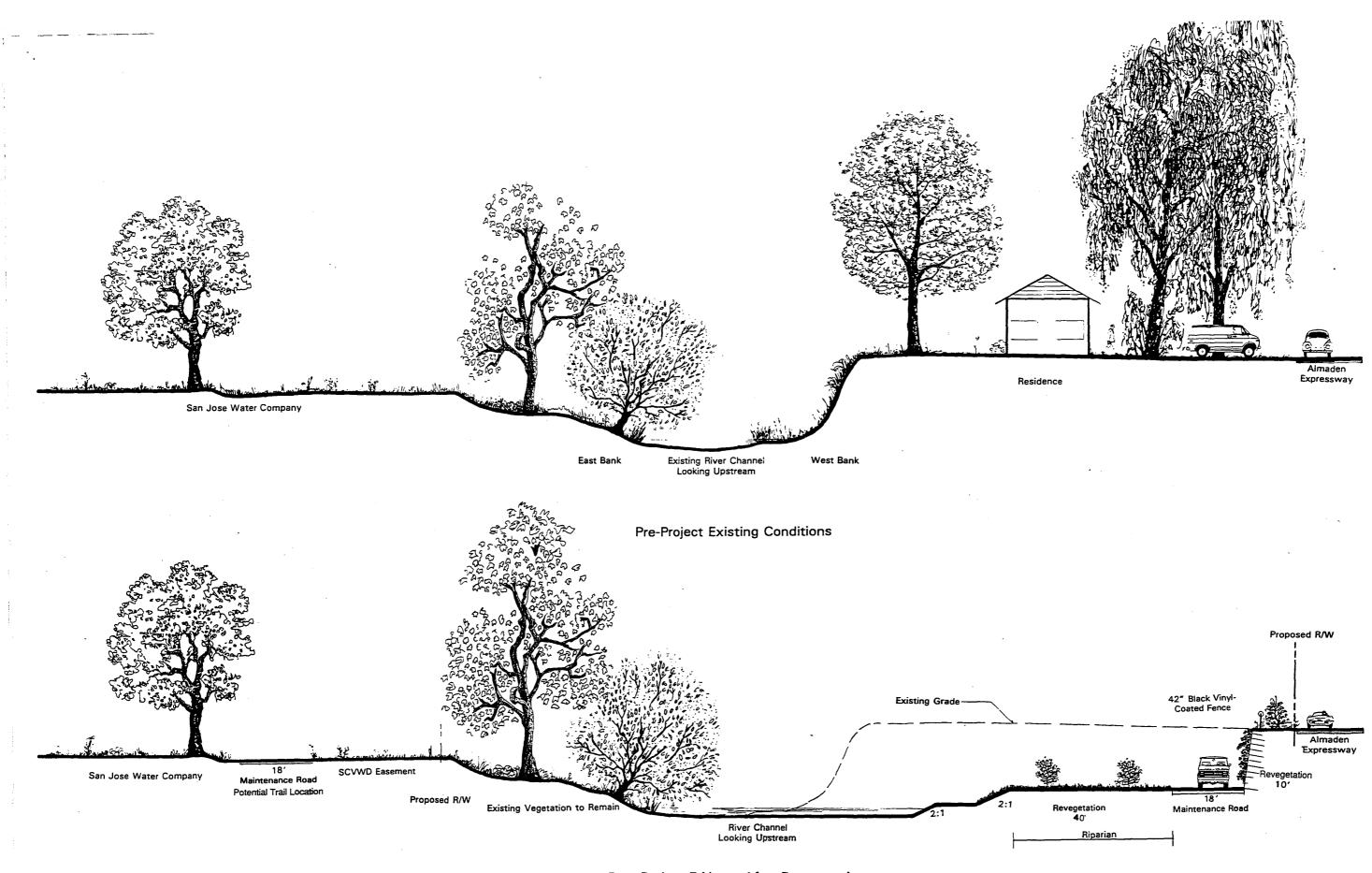
Almaden Expressway

Median

Almaden Expressway

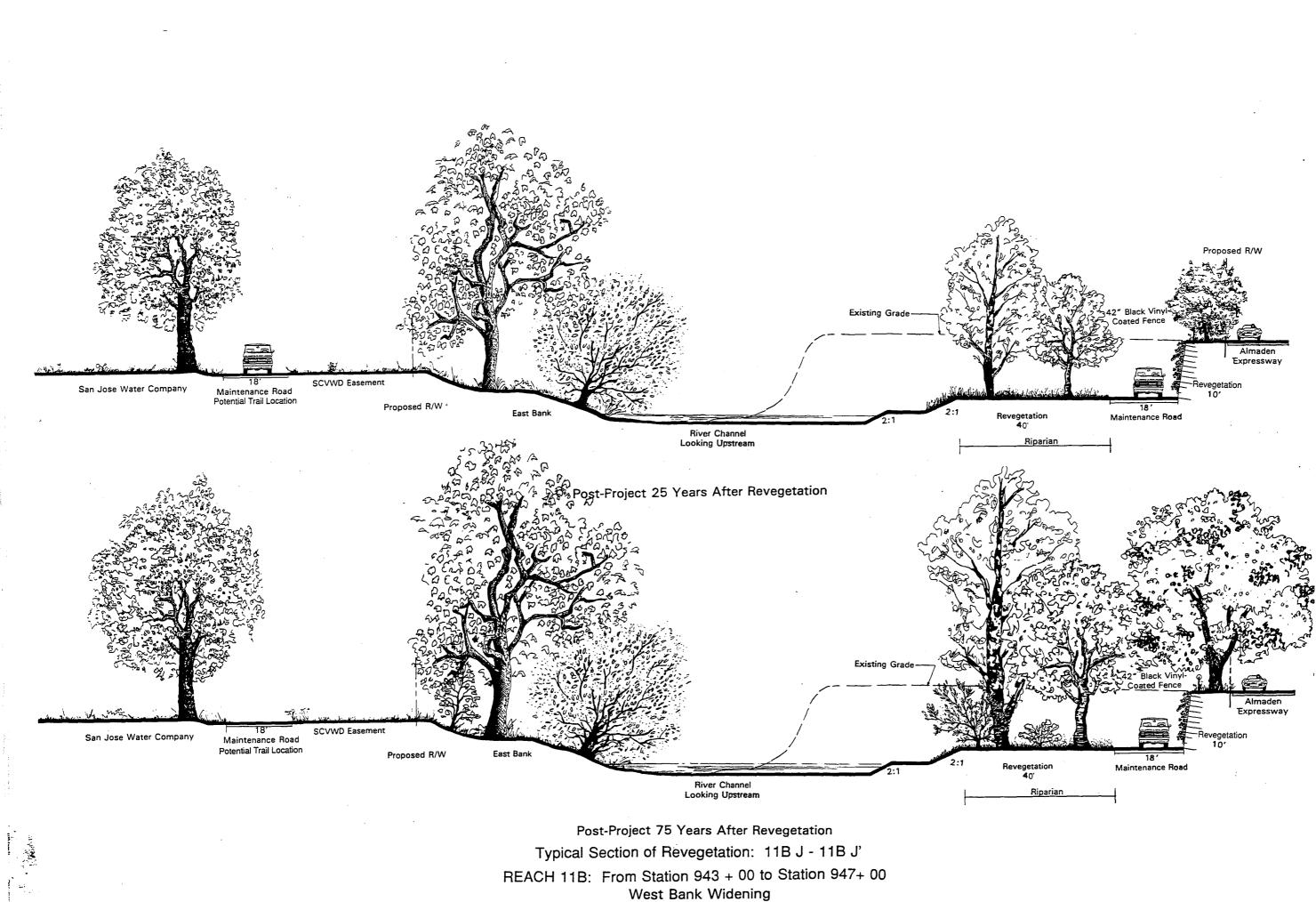


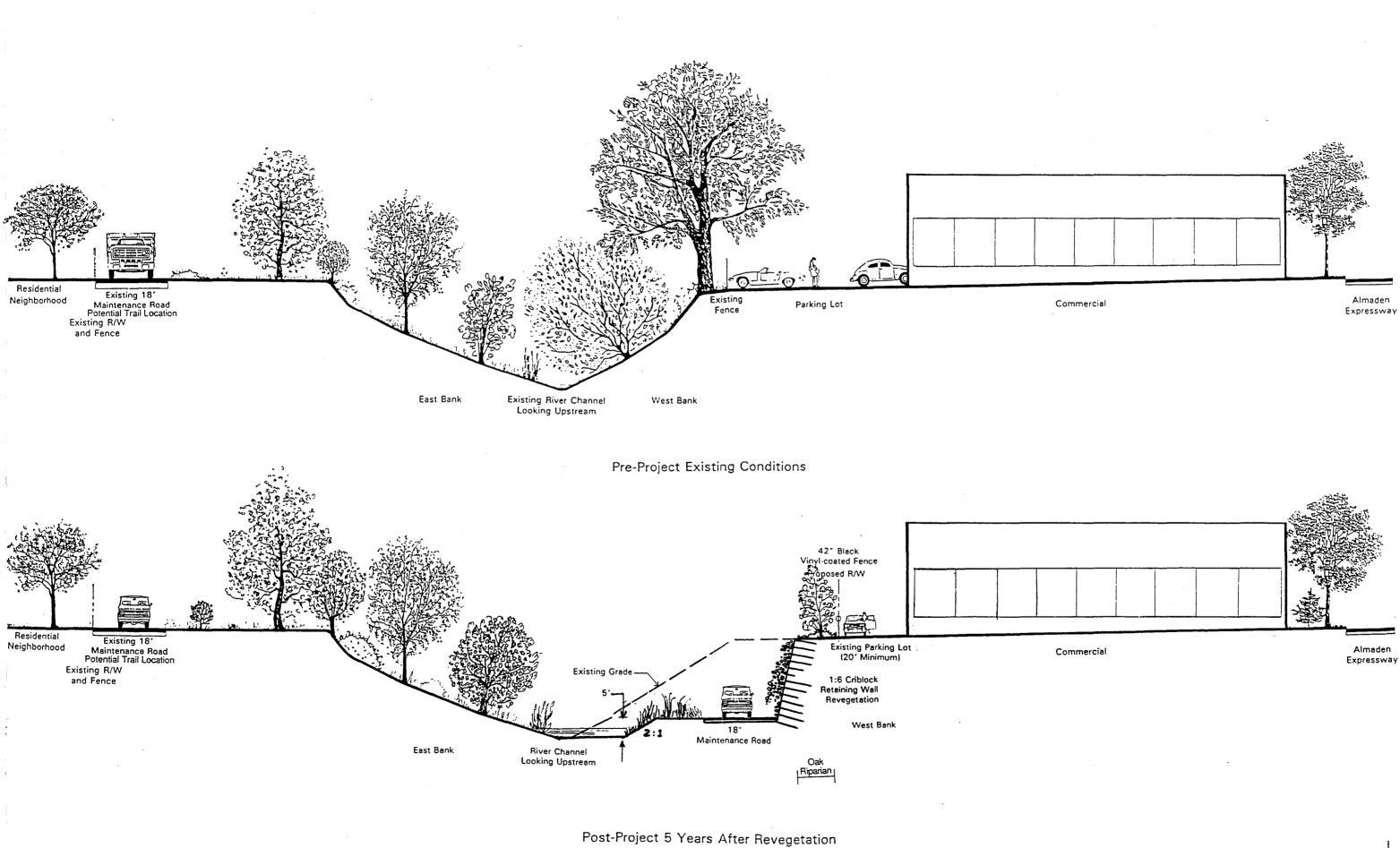
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Median	Almaden Expressway	
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Median	Almaden Expressway	



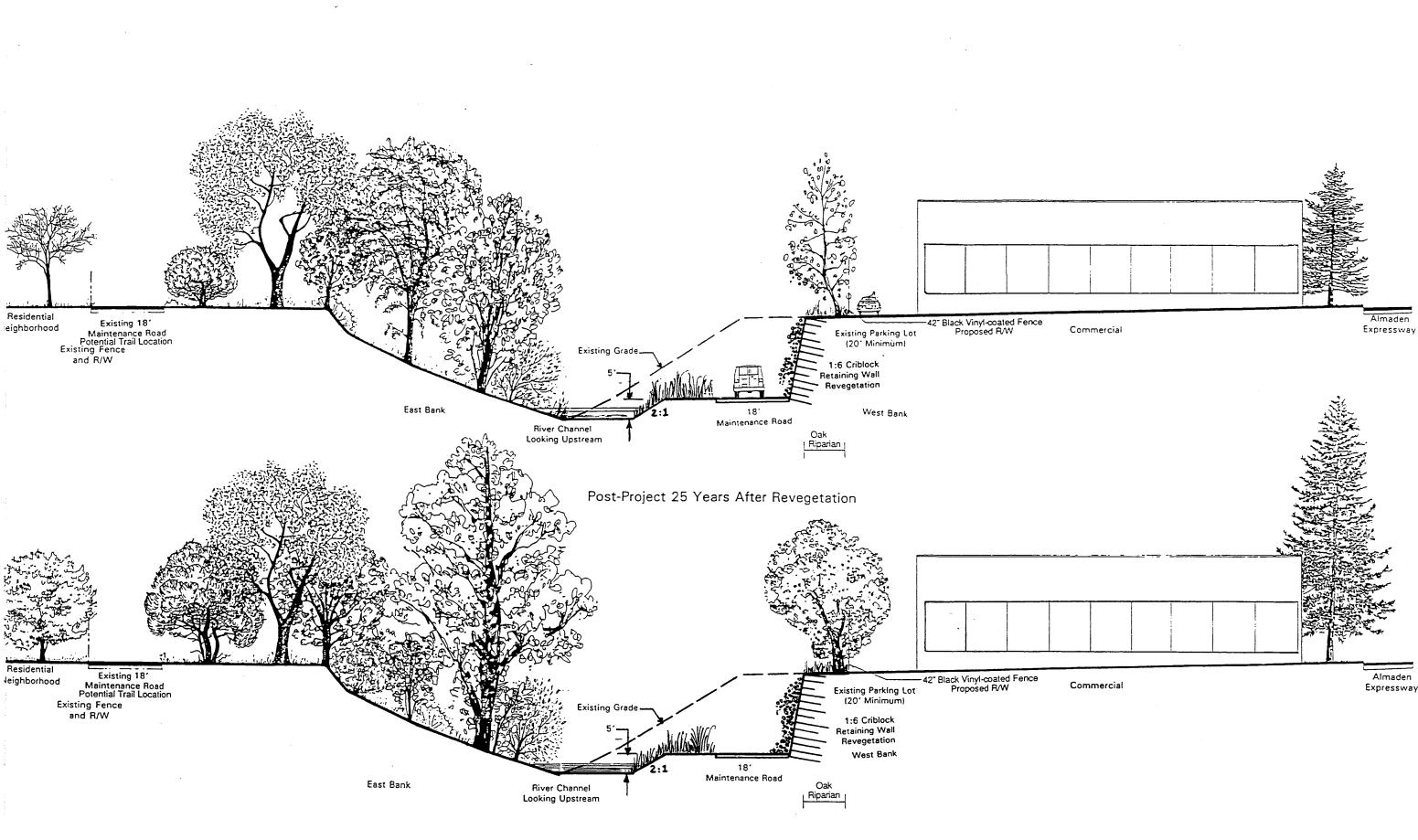
Post-Project 5 Years After Revegetation Typical Section of Revegetation: 11B J - 11B J'

REACH 11B: From Station 943 + 00 to Station 947+ 00 West Bank Widening



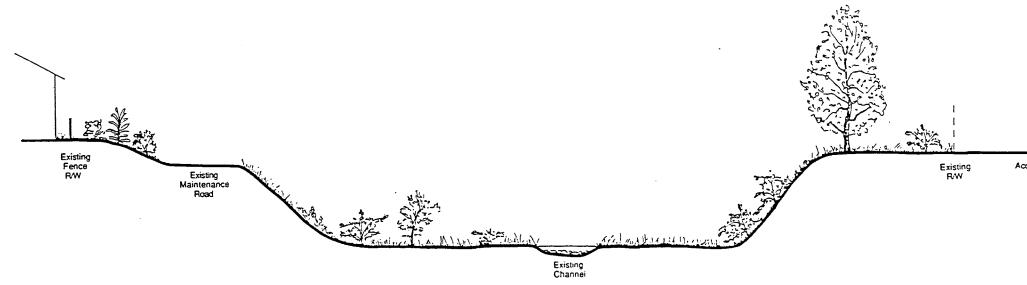


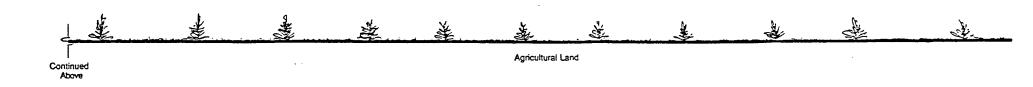
Typical Section of Revegetation: 11C K - 11C K' REACH 11C: From Station 952 + 50 to Station 955+ 50



Post-Project 75 Years After Revegetation Typical Section of Revegetation: 11C K - 11C K' REACH 11C: From Station 952 + 50 to Station 955+ 50

Expressway



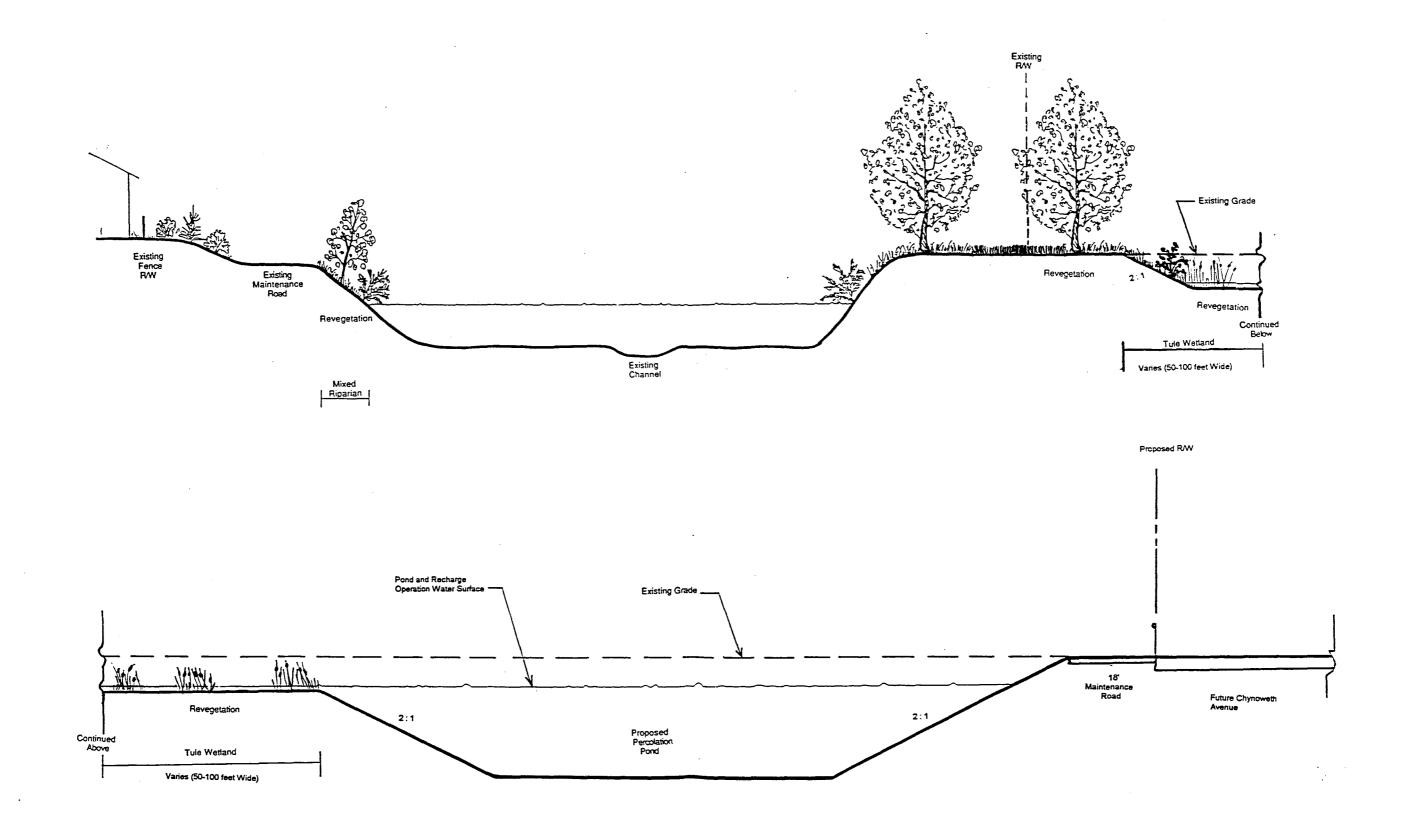


Pre-Project Existing Conditions

Typical Section of Revegetation: 12 L - 12 L' REACH 12: From Station 975+00 - 985+00 Riparian Habitat Mitigation

Agricultural Land Continued Beicw

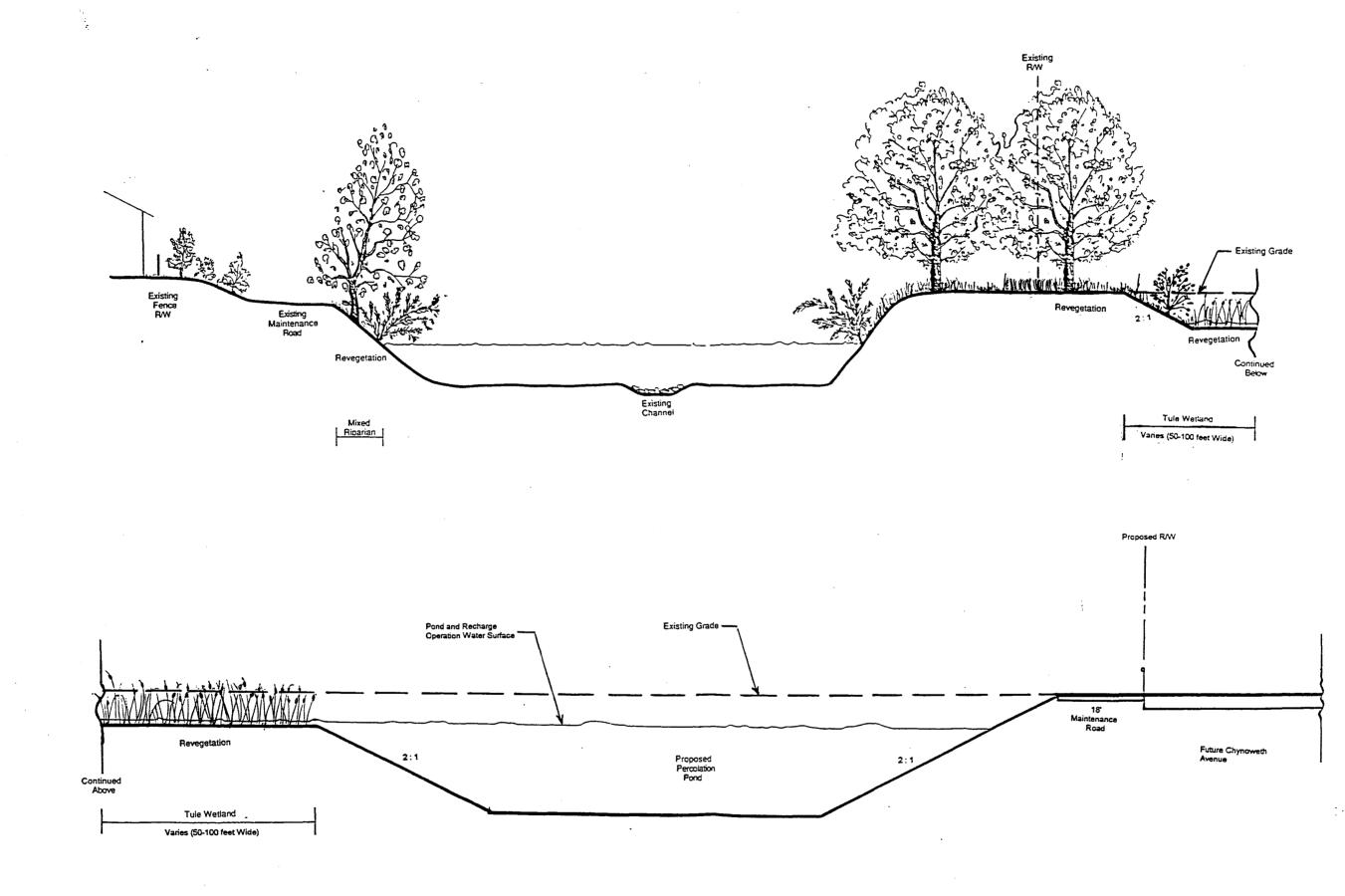
Access Road



Post-Project 5 Years After Revegetation

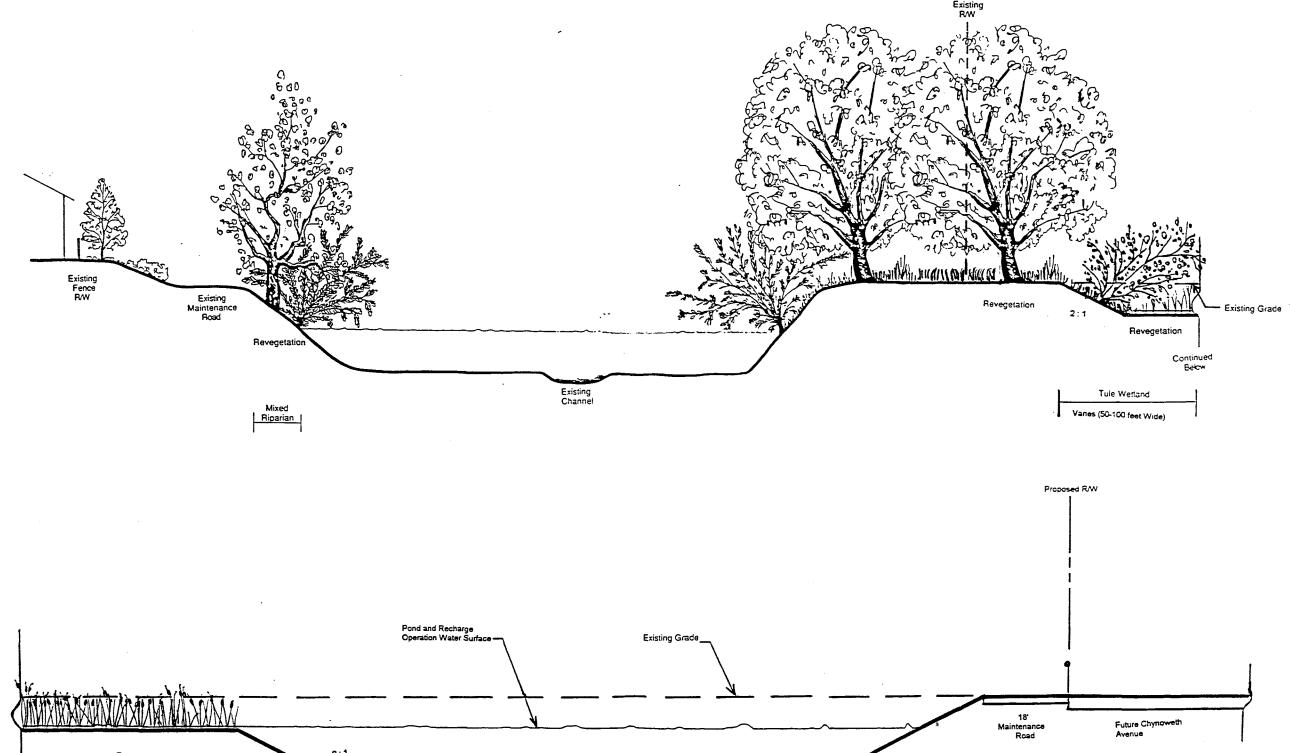
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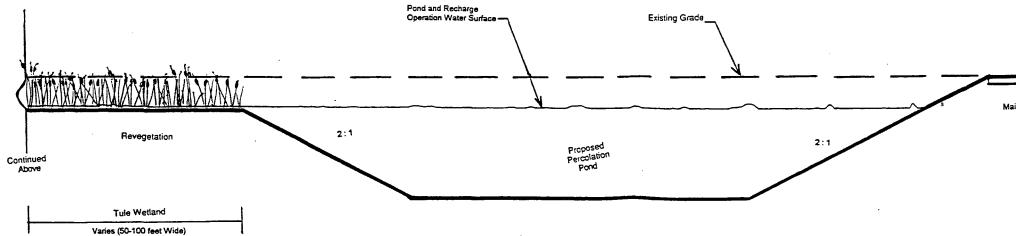
Typical Section of Revegetation: 12 L - 12 L' REACH 12: From Station 975+00 - 985+00 Riparian Habitat Mitigation



Post-Project 25 Years After Revegetation

Typical Section of Revegetation: 12 L - 12 L' REACH 12: From Station 975+00 - 985+00 Riparian Habitat Mitigation





Post-Project 75 Years After Revegetation

Typical Section of Revegetation: 12 L - 12 L' REACH 12: From Station 975+00 - 985+00 Riparian Habitat Mitigation