Attachment 45

DRAFT

DEC - 6 2006

EXHIBIT B
REGENTS ROAD BRIDGE/LIMITED ROADWAY CHANGES
CEQA AND PERMIT PROCESSING COSTS
GRAND TOTAL

Consultant	Cost
Project Design Consultants	$455,851.00
USA (includes 5% overhead)	$60,375.00
Gallegos and Associates (includes 5% overhead)	$396,969.30
Merkel and Associates (includes 5% overhead)	$143,620.05
TYLIN (includes 5% overhead)	$100,348.50
GRAND TOTAL	**$1,157,163.85**

Attachment 46

CITY OF SAN DIEGO
MEMORANDUM

DATE: October 26, 2006

TO: R. F. Hass, Deputy Chief Operating Officer Approved

FROM: Patti Boekamp, Director, Engineering and Capital Projects
via Dave Zoumaras, Transportation Engineering Design Division Deputy Director

SUBJECT: UC North/South Transportation Corridor Study

The Engineering and Capital Projects Department, Transportation Engineering Division requests approval to set-up a temporary Code 50 job order number for the purpose of the Litigation for the UC North/South Transportation Corridor Study. Staff expects to spend approximately $10,000 this fiscal year. These costs will be reimbursed by a transfer from the Regents Road Bridge Project CIP 53-044.0.

Your approval is greatly appreciated.

Patti Boekamp
Director, Engineering & Capital Projects

cc: Dave Zoumaras, Deputy Director, Transportation Engineering Division, MS 612
Kris Shackelford, Senior Civil Engineer, Transportation Engineering Division, MS 612
Nitsuh Aberra, Associate Engineer-Civil, Transportation Engineering Division, MS 612
Kristine Jarowski, Associate Management Analyst, Transportation Engineering Division, MS 612

Attachment 47

CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM

TITLE: **REGENTS ROAD BRIDGE - BRIDGE OVER AT&SF RAILROAD AND PORTION OF THE FLOODPLAIN**

PROJECT: **NUC-18**

DEPARTMENT: ENGINEERING & CAPITAL PROJECTS
CIP or JO #: 53-044.0

COUNCIL DISTRICT: 1
COMMUNITY PLAN: NUC

DESCRIPTION:

THIS PROJECT PROVIDES FOR CONSTRUCTION OF A BRIDGE SPANNING THE AT&SF RAILROAD AND A PORTION OF THE ROSE CANYON FLOODPLAIN, CONNECTING THE EXISTING REGENTS ROAD ON BOTH SIDES OF THE CANYON. THE BRIDGE WOULD CONSIST OF A FOUR-LANE MAJOR STREET WITH SIDEWALKS AND CLASS II BICYCLE LANES.

JUSTIFICATION:

THIS PROJECT IS CONSISTENT WITH THE UNIVERSITY COMMUNITY PLAN AND WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

FUNDING ISSUES:

NOTES:

SCHEDULE:

DESIGN IS SCHEDULED TO BEGIN IN FY 2006, CONTINGENT UPON CITY COUNCIL APPROVAL OF THE PROJECT AS DESCRIBED IN THE UNIVERSITY COMMUNITY PLAN. LAND ACQUISITION IS SCHEDULED FOR FY 2007 AND CONSTRUCTION TO BEGIN IN FY 2009.

CONTACT: KRIS SHACKELFORD TELEPHONE: (619) 533-3781 EMAIL: Kshackelford@sandiego.gov

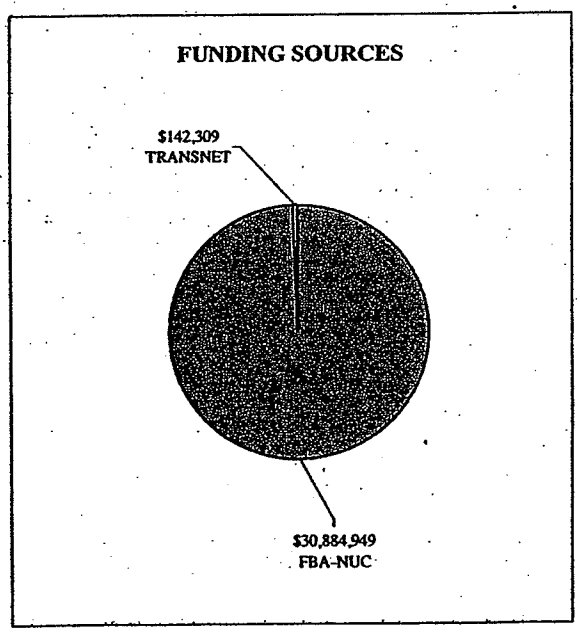
CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM

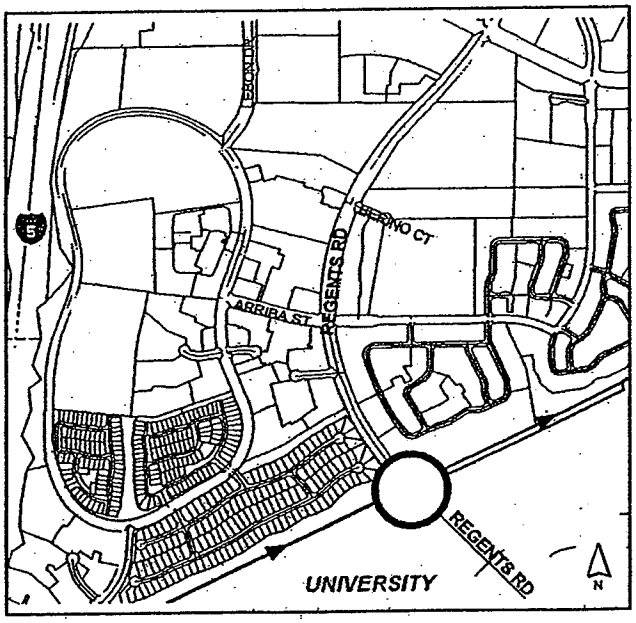
TITLE: REGENTS ROAD BRIDGE - BRIDGE OVER AT&SF RAILROAD AND PORTION OF THE FLOODPLAIN

PROJECT: NUC-18
DEPARTMENT: ENGINEERING & CAPITAL PROJECTS
CIP or JO #: 53-044.0
COUNCIL DISTRICT: 1
COMMUNITY PLAN: NUC

SOURCE	FUNDING	EXPENDED	CONT APPROP	FY2006	FY2007	FY2008	FY2009	FY2010
FBA-NUC	$30,884,949	$1,452,385	$3,760,414	$800,000			$10,700,000	$14,172,150
FBA CREDIT								
TRANSNET	$142,309				$142,309			
TRANS-P								
PARK FEE								
S/L								
DEV/SUBD								
PRIVATE								
STATE								
TRANS								
UNIDENT								
TOTAL	$31,027,258	$1,452,385	$3,760,414	$800,000	$142,309	$0	$10,700,000	$14,172,150

SOURCE	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018
FBA-NUC								
FBA CREDIT								
TRANSNET								
TRANS-P								
PARK FEE								
S/L								
DEV/SUBD								
PRIVATE								
STATE								
TRANS								
UNIDENT								
TOTAL	$0	$0	$0	$0	$0	$0	$0	$0





CONTACT: KRIS SHACKELFORD TELEPHONE: (619) 533-3781 EMAIL: Kshackelford@sandiego.gov

CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM

TITLE: REGENTS ROAD - 100 FT NORTH OF LAHITTE COURT TO GOVERNOR DRIVE

PROJECT: NUC-14
DEPARTMENT: ENGINEERING & CAPITAL PROJECTS
CIP or JO #: 52-368.0
COUNCIL DISTRICT: 1
COMMUNITY PLAN: NUC

DESCRIPTION:

THIS PROJECT PROVIDES FOR WIDENING REGENTS ROAD FROM 100 FEET NORTH OF LAHITTE COURT TO GOVERNOR DRIVE. THE PROJECT WILL WIDEN THE EXISTING HALF-WIDTH STREET TO A FOUR-LANE MAJOR STREET WITH SIDEWALKS AND CLASS II BICYCLE LANES.

JUSTIFICATION:

THIS PROJECT IS CONSISTENT WITH THE UNIVERSITY COMMUNITY PLAN AND WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

FUNDING ISSUES:

NOTES:

THE FUNDING SOURCE "CMPR" IS TRANSNET COMMERCIAL PAPER.

SCHEDULE:

DESIGN IS SCHEDULED TO BEGIN IN FY 2006 AND WILL CONTINUE IN FY 2007.
CONSTRUCTION IS SCHEDULED TO BEGIN IN FY 2008.

CONTACT: KRIS SHACKLEFORD TELEPHONE: (619) 533-3781 EMAIL: KShackleford@sandiego.gov

CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM

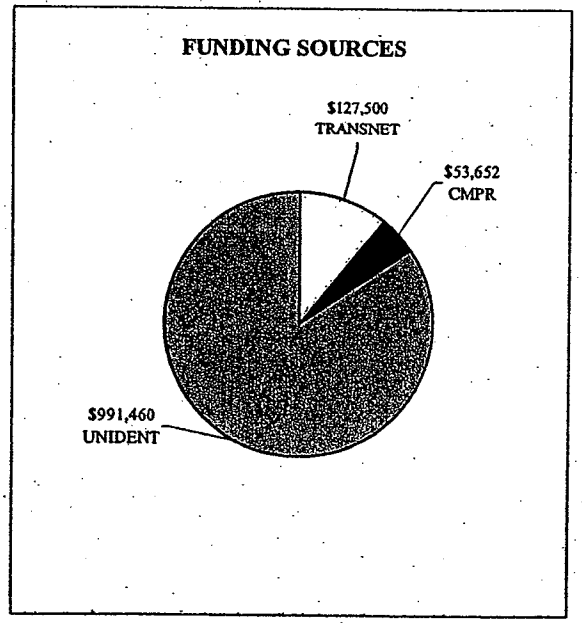
TITLE: REGENTS ROAD - 100 FT NORTH OF LAHITTE COURT TO GOVERNOR DRIVE

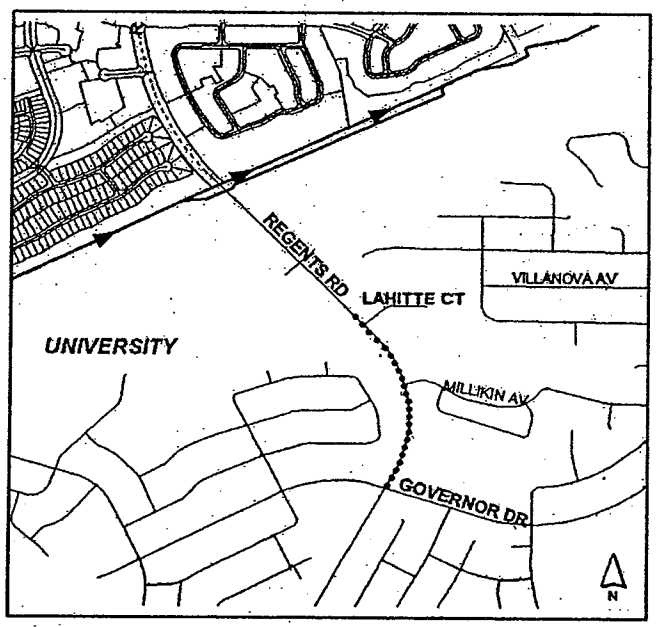
DEPARTMENT: ENGINEERING & CAPITAL PROJECTS
CIP or JO #: 52-368.0

PROJECT: NUC-14
COUNCIL DISTRICT: 1
COMMUNITY PLAN: NUC

SOURCE	FUNDING							
FBA-NUC								
FBA CREDIT								
TRANSNET	$127,500				$127,500			
TRANS-P								
PARK FEE								
S/L								
DEV/SUBD								
PRIVATE								
STATE								
CMPR	$53,652				$53,652			
UNIDENT	$991,460					$991,460		
TOTAL								

SOURCE	FUNDING							
FBA-NUC								
FBA CREDIT								
TRANSNET								
TRANS-P								
PARK FEE								
S/L								
DEV/SUBD								
PRIVATE								
STATE								
CMPR								
UNIDENT								
TOTAL								





CONTACT: KRIS SHACKLEFORD TELEPHONE: (619) 533-3781 EMAIL: KShackleford@sandiego.gov

CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM

TITLE: **REGENTS ROAD - 100 FT NORTH OF LAHITTE COURT TO SOUTH ABUTMENT OF THE REGENTS ROAD BRIDGE**

PROJECT: **NUC-12**

DEPARTMENT: ENGINEERING & CAPITAL PROJECTS
CIP or JO #: 52-302.0

COUNCIL DISTRICT: 1
COMMUNITY PLAN: NUC

DESCRIPTION:

THIS PROJECT PROVIDES FOR THE CONSTRUCTION OF REGENTS ROAD, A FOUR-LANE MAJOR STREET WITH SIDEWALKS AND CLASS II BICYCLE LANES, FROM 100 FEET NORTH OF LAHITTE COURT TO THE SOUTH ABUTMENT OF THE REGENTS ROAD BRIDGE OVER ROSE CANYON (SEE NUC-18).

JUSTIFICATION:

THIS PROJECT IS CONSISTENT WITH THE UNIVERSITY COMMUNITY PLAN AND WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

FUNDING ISSUES:

NOTES:

THE FUNDING SOURCE "CMPR" IS TRANSNET COMMERCIAL PAPER.

SCHEDULE:

DESIGN AND LAND ACQUISITION ARE SCHEDULED IN FY 2007. CONSTRUCTION IS SCHEDULED IN FY 2008.

CONTACT: KRIS SHACKLEFORD TELEPHONE: (619) 533-3781 EMAIL: KShackleford@sandiego.gov

CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM

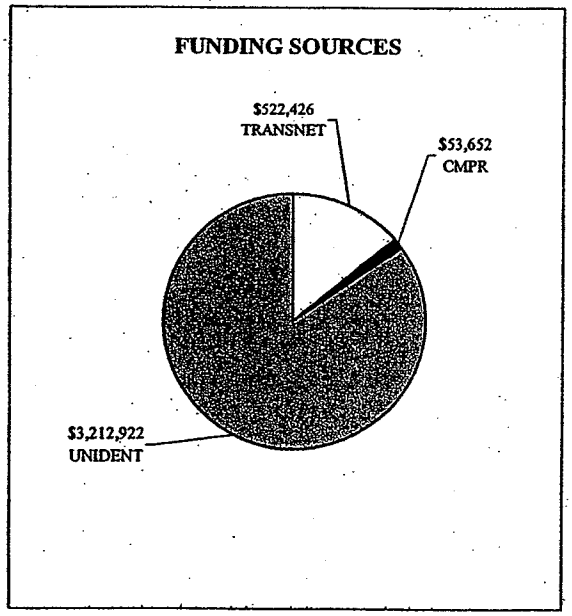
TITLE: REGENTS ROAD - 100 FT NORTH OF LAHITTE COURT TO SOUTH ABUTMENT OF THE REGENTS ROAD BRIDGE

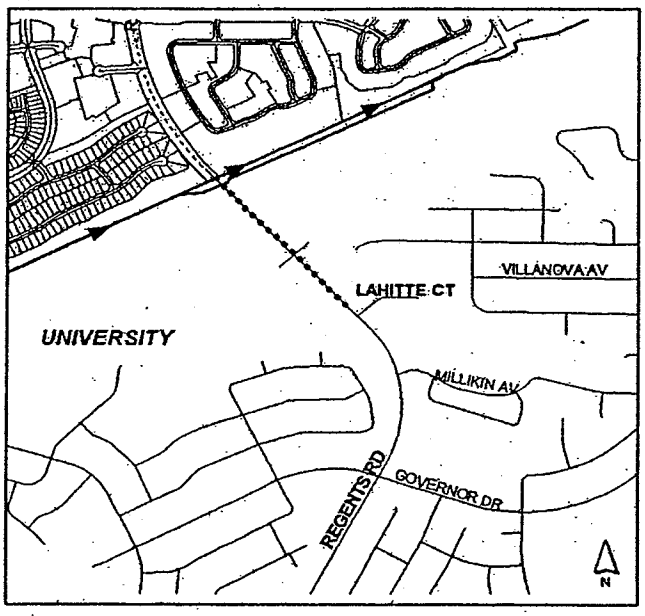
DEPARTMENT: ENGINEERING & CAPITAL PROJECTS
CIP or JO #: 52-302.0

PROJECT: **NUC-12**
COUNCIL DISTRICT: 1
COMMUNITY PLAN: NUC

SOURCE	FUNDED	EXPENDED	ENCUMBERED	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
FBA-NUC								
FBA CREDIT								
TRANSNET	$522,426				$410,040	$112,386		
TRANS-P								
PARK FEE								
S/L								
DEV/SUBD								
PRIVATE								
STATE								
CMPR	$53,652				$53,652			
UNIDENT	$3,212,922					$3,212,922		
TOTAL	$3,788,000	$0	$0	$0	$463,692	$3,325,308	$0	$0

SOURCE	FUNDED	EXPENDED	ENCUMBERED	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
FBA-NUC								
FBA CREDIT								
TRANSNET								
TRANS-P								
PARK FEE								
S/L								
DEV/SUBD								
PRIVATE								
STATE								
CMPR								
UNIDENT								
TOTAL	$0	$0	$0	$0	$0	$0	$0	$0





CONTACT: KRIS SHACKLEFORD TELEPHONE: (619) 533-3781 EMAIL: KShackleford@sandiego.gov

Attachment 48

CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM

TITLE: GENESEE AVENUE - NOBEL DRIVE TO SR-52

PROJECT: NUC-A
COUNCIL DISTRICT: 1
COMMUNITY PLAN: NUC

DEPARTMENT: ENGINEERING & CAPITAL PROJECTS
CIP or JO #: 52-458.0

DESCRIPTION:

THIS PROJECT PROVIDES FOR THE WIDENING OF GENESEE AVENUE FROM NOBEL DRIVE TO SR-52 TO A MODIFIED SIX-LANE MAJOR STREET NORTH OF DECORO STREET, AND A MODIFIED SIX-LANE PRIMARY ARTERIAL SOUTH OF DECORO STREET. THIS PROJECT ALSO INCLUDES INTERSECTION IMPROVEMENTS CONSISTING OF A SEPARATE RIGHT TURN LANE ON EASTBOUND NOBEL DRIVE TO SOUTHBOUND GENESEE AVENUE (PREVIOUSLY NUC-45), AN ADDITIONAL LEFT TURN LANE AT THE SR-52 INTERCHANGE, A TRAFFIC SIGNAL AND CLASS II BICYCLE LANES.

JUSTIFICATION:

THIS PROJECT IS CONSISTENT WITH THE UNIVERSITY COMMUNITY PLAN AND WITH THE CITY'S PROGRESS GUIDE AND GENERAL PLAN.

FUNDING ISSUES:

NOTES:

SCHEDULE:

DESIGN IS SCHEDULED TO BEGIN IN FY 2011, CONTINGENT UPON CITY COUNCIL APPROVAL OF THE PROJECT AS DESCRIBED IN THE UNIVERSITY COMMUNITY PLAN. LAND ACQUISITION IS SCHEDULED FOR FY 2011 AND CONSTRUCTION TO BEGIN IN FY 2013.

CONTACT: KRIS SHACKELFORD TELEPHONE: (619) 533-3781 EMAIL: Kshackelford@sandiego.gov

CITY OF SAN DIEGO
FACILITIES FINANCING PROGRAM

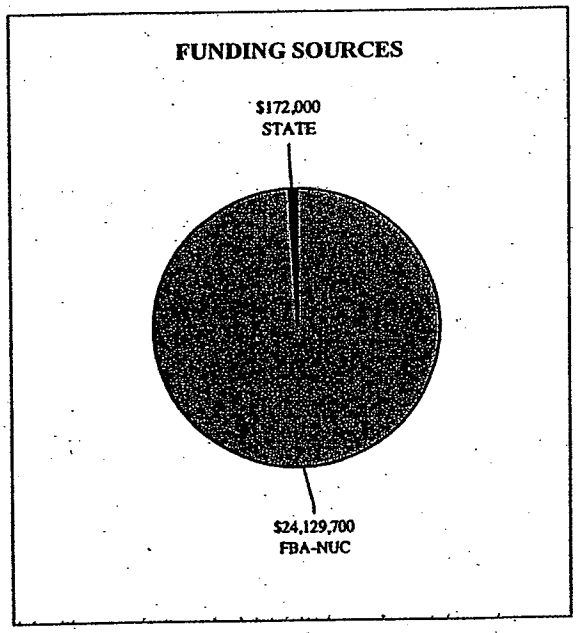
TITLE: GENESEE AVENUE - NOBEL DRIVE TO SR-52

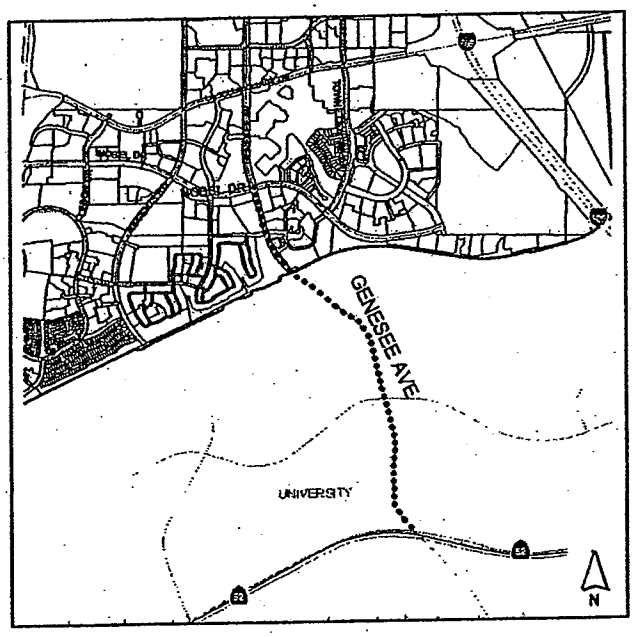
DEPARTMENT: ENGINEERING & CAPITAL PROJECTS
CIP or JO #: 52-458.0

PROJECT: NUC-A
COUNCIL DISTRICT: 1
COMMUNITY PLAN: NUC

SOURCE	FUNDING	EXPENDED	CONT/APPROP	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
FBA-NUC	$24,129,700	$1,168,079	$280,521	$500,000				
FBA CREDIT								
TRANSNET								
TRANS-P								
PARK FEE								
S/L								
DEV/SUBD								
PRIVATE								
STATE	$172,000							
OTHER								
UNIDENT								
TOTAL	$24,301,700	$1,168,079	$280,521	$500,000	$0	$0	$0	$0

SOURCE	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
FBA-NUC	$2,675,000	$1,605,000	$10,700,000	$7,201,100				
FBA CREDIT								
TRANSNET								
TRANS-P								
PARK FEE								
S/L								
DEV/SUBD								
PRIVATE								
STATE		$172,000						
OTHER								
UNIDENT								
TOTAL	$2,675,000	$1,777,000	$10,700,000	$7,201,100	$0	$0	$0	$0





CONTACT: KRIS SHACKELFORD TELEPHONE: (619) 533-3781 EMAIL: Kshackelford@sandiego.gov

Attachment 49

From: Ron Dodds
To: Kris Shackelford; Nitsuh Aberra
Date: Wed, Oct 11, 2006 2:05 PM
Subject: Fwd: Regents Road Bridge Survey Estimate

Kris: an update on the Regents Road Bridge survey...

We notified PDC to fly the project yesterday...It looks nice outside so they probably flew the project today. I still have not heard anything from Caltrans for the enchroachment permit. We will start the non freeway areas next week and hopefully the permits will be issued next week.

Marshall sent the estimate for the topo survey portions...only an estimate...

CC: Marshall Wilkinson

From: Marshall Wilkinson
To: Shackelford, Kris
Date: Wed, Oct 11, 2006 1:27 PM
Subject: Regents Road Bridge Survey Estimate

Kris
Following a visit to each site, I have estimated the cost of our surveying service for Design purpose to be as follows:

GENESEE AV. at SR 52.....Admin., Field, & Cadd costs.....$ 10K

REGENTS RD. at SR 52.....Admin., Field, & Cadd costs.....$ 10K

GOVERNOR DR. at Genesee Av.....Admin., Field & Cadd costs.....$ 4K

REGENTS RD BRIDGE at SDNR.....Admin., Field & Cadd costs.....$ 7K

Estimated cost for surveying services to be around $31K

CC: Dodds, Ron

Attachment 50

Preliminary Estimate of Probable Construction Cost

Regents Road at SR 52

Summary:				
Major Roadway Items			$	~~111,591.10~~ 145,085.00
Minor Roadway Items	25%	of Major	$	~~27,897.78~~ 36,271.25
Structure Items				$401,250.00
Drainage			$	20,000.00
Traffic Control			$	50,000.00
Clearing and Grubbing			$	1,750.00
Traffic Signal	1	Signals	$	130,000.00
Landscaping			$	25,000.00
Subtotal			$	~~767,488.88~~ 809,356.25
Mobilization		5%	$	~~38,374.44~~ ← 40,467.81
Subtotal			$	805,863.32 ← 849,824.06
Contingencies		25%	$	201,465.83 ← 212,456.01
Total Construction Cost			$	1,007,329.15 ← 1,062,280.07
Rounded to			**$**	**1,000,000.00**

Prepared by: Antonio L. Dos Santos
2/15/2005

2.3M

Attachment 51

From: Ron Dodds
To: Gary Hus; gordonl@projectdesign.com; Kris Shackelford; Nitsuh Aberra
Date: 9/22/06 5:41PM
Subject: Meeting Notes from Regent Road Bridge Preliminary Survey

Meeting was held on Thursday September 14,2006 at the Aero Drive large conference room. In attendance were:

Gary Hus PDC	(619)881-3394
Gordon Lutes PDC	(619)881-3394
Ron Dodds City of San Diego	(858)627-3220
Marshall Wilkinson City of San Diego	(858)627-3223
Diana Bergen City of San Diego	(858)627-3221

What was discussed:

PDC provided aerial panel layout
PDC requested areas where topographic surveys are needed- South and North ends of Regents from proposed bridge location.
Two areas of topo survey were also needed-Genesse and Govemor at the Nouth East side PCR to two lots from this intesection. The other area, Genesse along the North East side near the offramp and onramp of SR-52. The topo will also include both on/off ramps onto and coming from SR-52. PDC provide photo's depicting areas of topo...

Coordinate system will be NAD 83 feet(epoch 91.35). The Vertical datum will be NGVD 29 feet.

City Surveys will apply for the enchroachment permit to work within the Caltrans right of way.

PDC will supply the Survey Section a "bid" for Mapping Services based on contract for mapping services.Contact person from PDC for photogrametric services is Linda Tucker (951)695-5596 X234. The City contact will be Diana Bergen @ (858)627-3221 or dbergen@sandiego.com

PDC will invoice their mapping services to the Survey Section to Diana Bergen who will process the P.O. - W.O.119697.

Senior Civil Engineer is Kris Shackelford	(619)533-3781
Project Manager is Nitsuh Aberia	(619)533-3785

Question: Regents @ I-52- additional turn lane-Is a survey needed in this area?

Ron Dodds, LS
Senior Land Surveyor(Acting)
City of San Diego
Engineering Capital Improvements
Field Division-Surveys
(858)627-3220
(858)627-3211 fax
rdodds@sandiego.gov

CC: Diana Bergen; Marshall Wilkinson

From: Diana Bergen
To: gordonl@projectdesign.com
Date: 9/20/06 10:31AM
Subject: Widening of Genesee:Limits of project

Gordon,
We are trying to get the encroachment permit from Cal Trans processed and need the limits of work on the ramps to SR-52.

Thanks you,
Diana
858-627-3221

CC: Nitsuh Aberra; Ron Dodds

From: "Samira Marei" <samira_marei@dot.ca.gov>
To: <rdodds@sandiego.gov>
Date: 11/21/06 7:31AM
Subject: Fw: City of San Diego's approved Aerial Vendors

Good morning Ron,

I recived your phone message, I forward your request to our Traffic Management unit, they approved your request to do the work on Sunday fro 6:30 AM to 9:.00 AM, but no work allowed in any holiday week end.

Thanks
Samira Marei
Caltrans Permit Engineer
4050 Taylor Street.
M.S. 110
San Diego, CA 92110
Tel.: (619)688-6653
Fax: (619) 688-6157
----- Forwarded by Samira Marei/D11/Caltrans/CAGov on 11/21/2006 07:25 AM

George J Schuh/D11/Caltrans/CAGov
11/17/2006 09:16 AM

To: "Ron Dodds" <rdodds@sandiego.gov>
cc: Samira Marei/D11/Caltrans/CAGov@DOT
Subject: Re: City of San Diego's approved Aerial Vendors(Document link: Samira Marei)

Ron,
The contact for your permit at Genesee is Samira Marei, 619-688-6653. To reiterate, John Markey suggested you be specific about the time you wanted to get out there and if the numbers for traffic volumes show a safety benefit, the revision can be justified.

George J. Schuh
Dept. of Transportation, District 11
Office of Land Surveys
619-688-3691, ATSS 688-3691

"Ron Dodds" <rdodds@sandiego.gov>
11/17/2006 07:48 AM

To: george_J_schuh@dot.ca.gov
cc:
Subject: City of San Diego's approved Aerial Vendors

George: please find attached the current approved Aerial Vendor list that we use.

How is the amended encroachment permit for I-52 and Genesee going? Permit #11-06-NSV-0486, 10/17/2006.

Thanks George,

Ron Dodds, LS
Senior Land Surveyor(Acting)
City of San Diego
Engineering Capital Improvements
Field Division-Surveys
(858)627-3220
(858)627-3211 fax
rdodds@sandiego.gov

From: "Samira Marei" <samira_marei@dot.ca.gov>
To: <rdodds@sandiego.gov>
Date: 10/3/06 3:40PM
Subject: Topographic Survey of SR52 Ramp/Genesse east bound Permit # 11-06-NSV-0486.

Hi Ron,

Please e-mail or fax me a sketch, indicating the location of the instrument setup, in regard of (edge of travel way and edge of shoulder) on the SR52 ramp.
To determine if a lane or shoulder closure required for the work activity.

Thank you.
Samira Marei
Caltrans Permit Engineer
4050 Taylor Street.
M.S. 110
San Diego, CA 92110
Tel.: (619)688-6653
Fax: (619) 688-6157

Attachment 52

COUNCIL PRESIDENT SCOTT PETERS
FIRST DISTRICT

MEMORANDUM

DATE: August 24, 2006

TO: Mayor Jerry Sanders

FROM: Council President Scott Peters

SUBJECT: Regents Road Bridge in University City

On August 1, 2006, the City Council supported the Mayor's recommendation and voted to approve the Regents Road Bridge Alternative, delete the Genessee Avenue Widening Alternative, and certify the Final Environmental Impact Report for the University City North/South Transportation Corridor Study.

It is the intention that the Regents Road Bridge project be fully funded by the North University City Facilities Financing Plan, and consistent with Council action taken August 1, I respectfully request staff prepare the following amending documents with the next FBA update.

1. Remove any transnet funding budgeted for the following three Regents Road Bridge CIPs:

    a. NUC-12
    b. NUC-14
    c. NUC-18

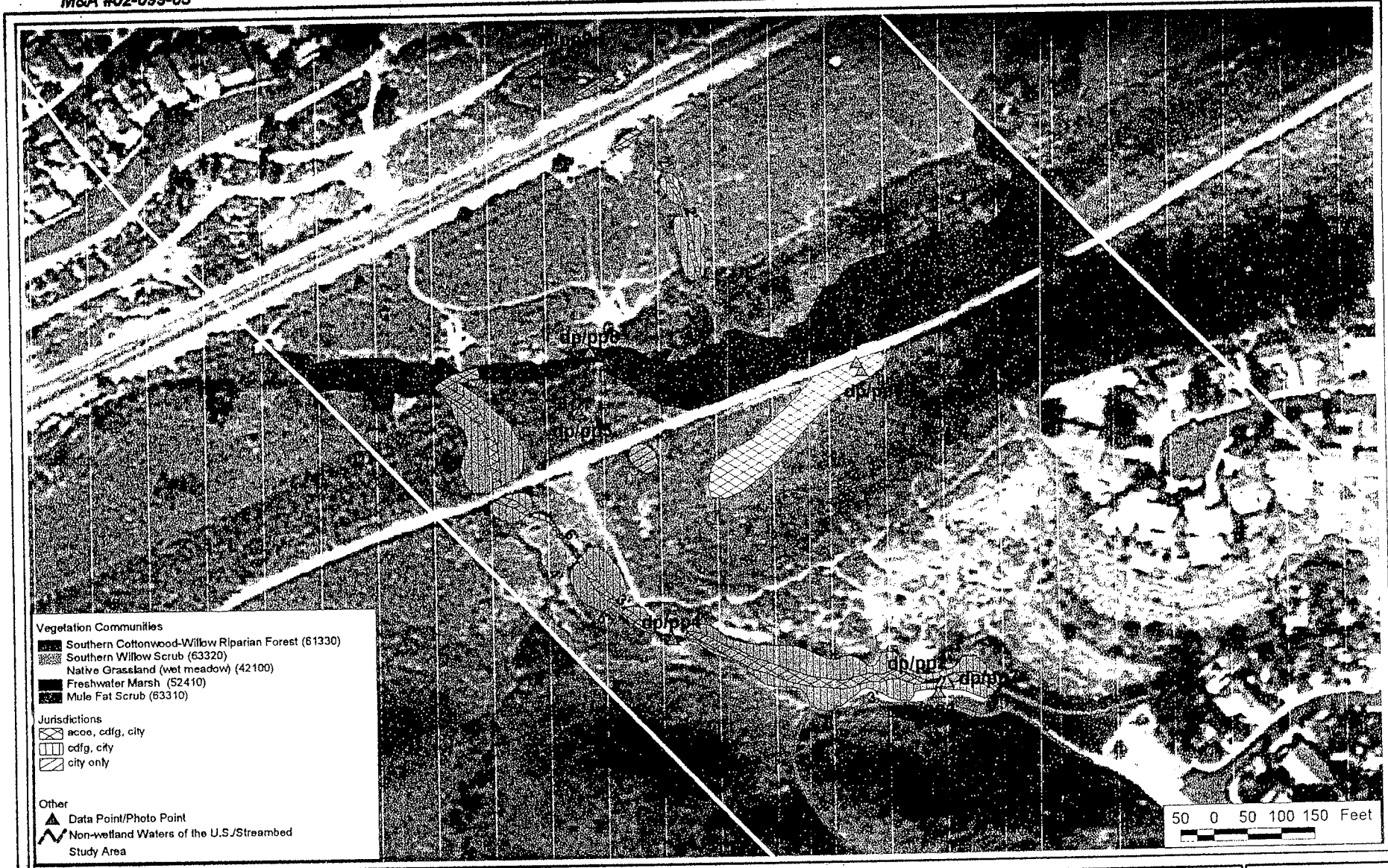
2. Combine all of the above CIPs into NUC-18;

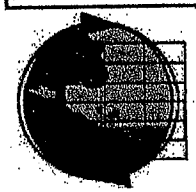
3. Include the Limited Roadway Improvement portion of the Regents Road Bridge into the final design with the above NUC update;

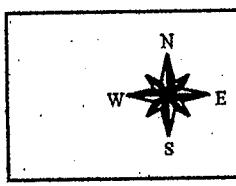
4. Analyze, and potentially incorporate the following Regents Road Bridge (NUC-18) design improvements:

Attachment 53

M&A #02-099-03







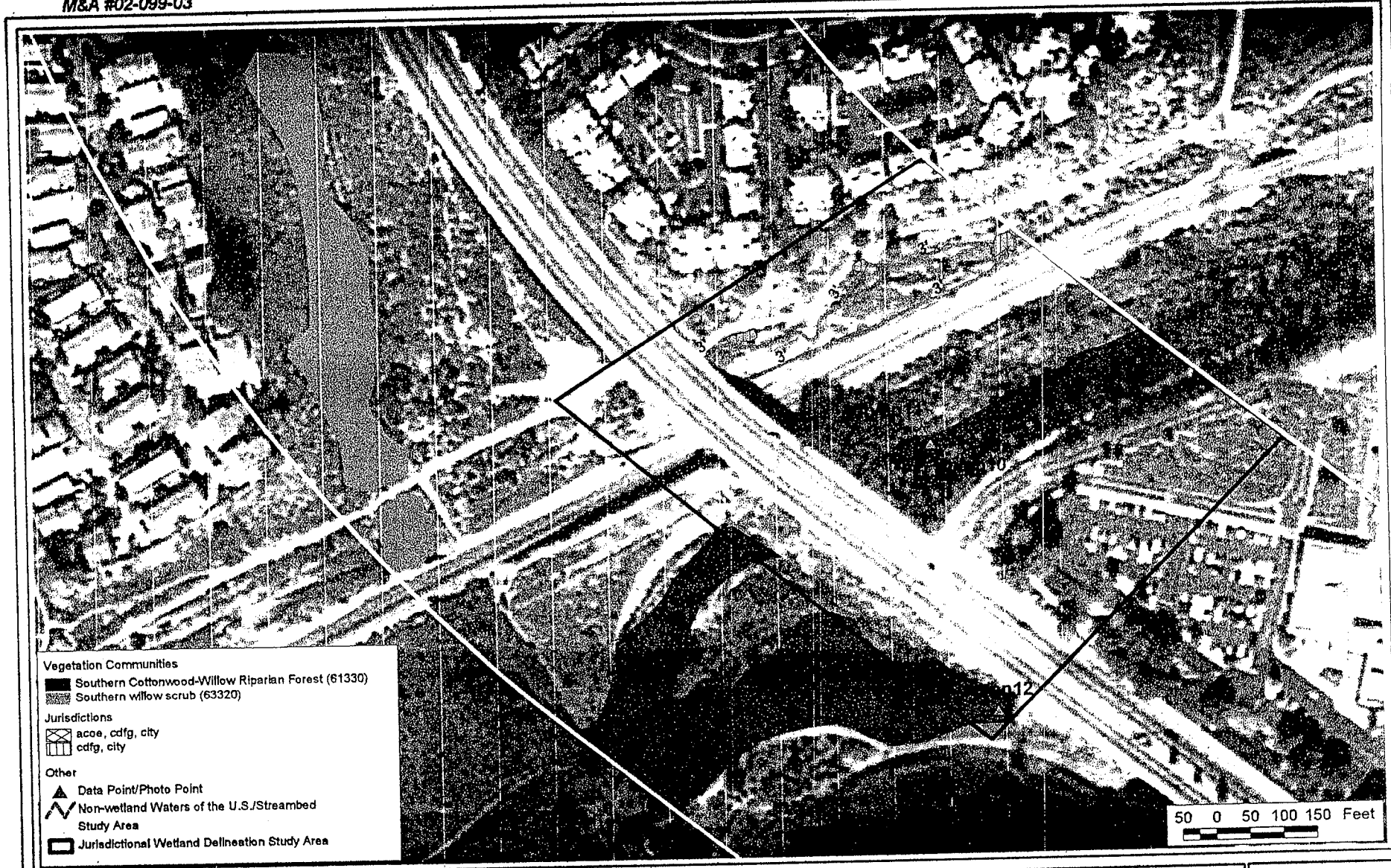
Regents Road Corridor (Rose Canyon) Jurisdictional Habitats/Waterways

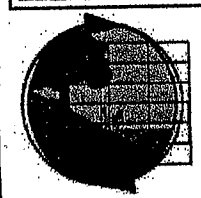
University City Transportation Corridor

Figure 4a

Merkel & Associates, Inc.

M&A #02-099-03





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W E
S

Genesee Avenue Corridor (Rose Canyon) Jurisdictional Habitats/Waterways

University City Transportation Corridor

Figure 4b

Merkel & Associates, Inc.

Attachment 54

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	University City Transportation Corridor	Date:	10/8/03
Applicant/Owner:	City of San Diego	County:	SD
Investigator:	Stephen Rink, Daylon Teel	State:	CA

Do normal circumstances exist on the site?	☒ Yes	☐ No	Community ID:	SWS
Is the site significantly disturbed (Atypical Situation)?	☐ Yes	☒ No	Transect ID:	DP3
Is the area a potential Problem Area? (If needed, explain on reverse.)	☐ Yes	☒ No	Plot ID:	PP3

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Salix lasiolepis*	T	FACW	9.		
2. *Artemisia palmeri*	H	FACW	10.		
3. *Xanthium strumarium*	H	FAC	11.		
4. *Toxicodendron diversilobum*	H	NI	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percentage of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 75%

Remarks: Hydrophitic veg present 75%

HYDROLOGY

☒ Recorded Data (Described in Remarks):
- ☐ Stream, Lake, or Tide Gauge
- ☒ Aerial Photographs
- ☐ Other

☐ No Recorded Data Available

Field Observations:
- Depth of Surface Water: NA (in.)
- Depth to free Water in Pit: NA (in.)
- Depth of Saturated Soil: NA (in.)

Wetland Hydrology Indicators:
Primary Indicators:
- ☐ Inundated
- ☐ Saturated in Upper 12 inches
- ☐ Water Marks
- ☐ Drift Lines
- ☐ Sediment Deposits
- ☒ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ☐ Oxidized Root Channels in Upper 12 Inches
- ☐ Water-Stained Leaves
- ☐ Local Soil Survey Data
- ☐ FAC-Neutral Test
- ☐ Other (Explain in Remarks)

Remarks: Data point near creek, drainage patterns present

SOILS

Data Point #3

Map Unit Name
(Series and Phase): Salina Clay Loam

Drainage Class: Well Drained and Moderately Drained

Field Observations

Taxonomy (Subgroup): Calcic Pachic Haploxeralls

Confirm Mapped Type? ☐ Yes ☒ No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle (Abundance/Contrast)	Texture, Concretions, Structure, etc.
0-12	A	2.5Y 2.5/1	-	-	Silt Loam

Hydric Soil Indicators:

- ☐ Histosol
- ☐ Histic Epipedon
- ☐ Sulfidic Odor
- ☐ Aquic Moisture Regime
- ☐ Reducing Conditions
- ☒ Gleyed or Low-Chroma Colors
- ☐ Concretions
- ☐ High Organic Content in surface layer in Sandy Soils
- ☐ Organic Streaking in Sandy Soils
- ☐ Listed on Local Hydric Soils List
- ☐ Listed on National Hydric Soils List
- ☐ Other (Explain in Remarks)

Remarks: soils have low chroma which indicate hydric soils

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	☒	No	☐				
Wetland Hydrology Present?	Yes	☒	No	☐				
Hydric Soils Present?	Yes	☒	No	☐	Is this Sampling Point Within a Wetland?	Yes	☒	No ☐

Remarks: ACOE SWS vegetation.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	University City Transportation Corridor	Date:	10/8/03
Applicant/Owner:	City of San Diego	County:	SD
Investigator:	Stephen Rink, Daylon Teel	State:	CA
Do normal circumstances exist on the site?	☒ Yes ☐ No	Community ID:	SWS
Is the site significantly disturbed (Atypical Situation)?	☐ Yes ☒ No	Transect ID:	DP5
Is the area a potential Problem Area? (If needed, explain on reverse.)	☐ Yes ☒ No	Plot ID:	PP5

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Salix lasiolepis*	T	FACW	9.		
2. *Avena barbata*	H	NI	10.		
3. *Bromus hordeaceus*	H	NI	11.		
4. *Ambrosia psilostachya*	H	FAC	12.		
5. *Foeniculum vulgare*	H	FAC	13.		
6.			14.		
7.			15.		
8.			16.		

Percentage of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 60%

Remarks: Lsolated stand of SWS vegetation with grassy understory

HYDROLOGY

☒ Recorded Data (Described in Remarks):
- ☐ Stream, Lake, or Tide Gauge
- ☒ Aerial Photographs
- ☐ Other

☐ No Recorded Data Available

Field Observations:
- Depth of Surface Water: NA (in.)
- Depth to free Water in Pit NA (in.)
- Depth of Saturated Soil: NA (in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ☐ Inundated
- ☐ Saturated in Upper 12 inches
- ☐ Water Marks
- ☐ Drift Lines
- ☐ Sediment Deposits
- ☐ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ☐ Oxidized Root Channels in Upper 12 Inches
- ☒ Water-Stained Leaves
- ☐ Local Soil Survey Data
- ☐ FAC-Neutral Test
- ☐ Other (Explain in Remarks)

Remarks: Hydrology not readily apparent. Lone willow likely irrigated by surficial water flow/seepage. Water stained leaves in understory.

SOILS

Data Point #5

Map Unit Name
(Series and Phase): Salina Clay Loam

Drainage Class: Well Drained and Moderately Drained

Field Observations
Confirm Mapped Type? ☐ Yes ☒ No

Taxonomy (Subgroup): Calcic Pachic Haploxeralls

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle (Abundance/Contrast)	Texture, Concretions, Structure, etc.
0-12	A	10YR 3/2	7.5YR 5/8	1%	Loam

Hydric Soil Indicators:

- ☐ Histosol
- ☐ Histic Epipedon
- ☐ Sulfidic Odor
- ☐ Aquic Moisture Regime
- ☒ Reducing Conditions
- ☒ Gleyed or Low-Chroma Colors
- ☐ Concretions
- ☐ High Organic Content in surface layer in Sandy Soils
- ☐ Organic Streaking in Sandy Soils
- ☐ Listed on Local Hydric Soils List
- ☐ Listed on National Hydric Soils List
- ☐ Other (Explain in Remarks)

Remarks: Soils have low chroma w/ mottles.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	☒	No	☐	
Wetland Hydrology Present?	Yes	☐	No	☒	
Hydric Soils Present?	Yes	☒	No	☐	Is this Sampling Point Within a Wetland? Yes ☐ No ☒

Remarks: City jurisdiction.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	University City Transportation Corridor	Date:	10/8/03
Applicant/Owner:	City of San Diego	County:	SD
Investigator:	Stephen Rink, Daylon Teel	State:	CA
Do normal circumstances exist on the site?	☒ Yes ☐ No	Community ID:	Native Grassland
Is the site significantly disturbed (Atypical Situation)?	☐ Yes ☒ No	Transect ID:	DP6
Is the area a potential Problem Area? (If needed, explain on reverse.)	☐ Yes ☒ No	Plot ID:	PP6

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Leymus triticoides*	H	FACW	9.		
2. *Rumex crispus*	H	FACW	10.		
3. *Carduus pycnocephalus*	H	NI	11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percentage of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 67%

Remarks: Wetland vegetation present in dom. %

HYDROLOGY

☒ Recorded Data (Described in Remarks):
- ☐ Stream, Lake, or Tide Gauge
- ☒ Aerial Photographs
- ☐ Other

☐ No Recorded Data Available

Field Observations:
- Depth of Surface Water: NA (in.)
- Depth to free Water in Pit: NA (in.)
- Depth of Saturated Soil: NA (in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ☐ Inundated
- ☐ Saturated in Upper 12 inches
- ☐ Water Marks
- ☐ Drift Lines
- ☐ Sediment Deposits
- ☐ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ☐ Oxidized Root Channels in Upper 12 Inches
- ☐ Water-Stained Leaves
- ☐ Local Soil Survey Data
- ☐ FAC-Neutral Test
- ☐ Other (Explain in Remarks)

Remarks: DP located in low lying area at base of slope, adjacent to riparian vegetation.

SOILS

Data Point #6

Map Unit Name
(Series and Phase): Altomant Clay

Drainage Class: Well Drained

Field Observations
Confirm Mapped Type? ☐ Yes ☒ No

Taxonomy (Subgroup): Typic Chromoxererts

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle (Abundance/Contrast)	Texture, Concretions, Structure, etc.
0-12	A	7.5YR 2.5/2	--	--	Silt Loam

Hydric Soil Indicators:

- ☐ Histosol
- ☐ Histic Epipedon
- ☐ Sulfidic Odor
- ☐ Aquic Moisture Regime
- ☐ Reducing Conditions
- ☐ Gleyed or Low-Chroma Colors
- ☐ Concretions
- ☐ High Organic Content in surface layer in Sandy Soils
- ☐ Organic Streaking in Sandy Soils
- ☐ Listed on Local Hydric Soils List
- ☐ Listed on National Hydric Soils List
- ☐ Other (Explain in Remarks)

Remarks: No hydric soil indicators.

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	☒	No	☐			
Wetland Hydrology Present?	Yes	☐	No	☒			
Hydric Soils Present?	Yes	☐	No	☒	Is this Sampling Point Within a Wetland?	Yes ☒	No ☐

Remarks: Area falls under City jurisdiction only.

Approved by HQUSACE 3/92

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	University City Transportation Corridor	Date:	10/8/03
Applicant/Owner:	City of San Diego	County:	SD
Investigator:	Stephen Rink, Daylon Teel	State:	CA

Do normal circumstances exist on the site?	☒ Yes	☐ No	Community ID:	NNG
Is the site significantly disturbed (Atypical Situation)?	☐ Yes	☒ No	Transect ID:	DP7
Is the area a potential Problem Area?	☐ Yes	☒ No	Plot ID:	PP7
(If needed, explain on reverse.)				

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Cucurbita foetidissima*	H	NI	9.		
2. *Vulpia myuros*	H	NI	10.		
3. *Avena barbata*	H	NI	11.		
4. *Carduus pycnocephalus*	H	NI	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		

Percentage of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 0%

Remarks: no wetland vegetation present

HYDROLOGY

☒ Recorded Data (Described in Remarks):
- ☐ Stream, Lake, or Tide Gauge
- ☒ Aerial Photographs
- ☐ Other

☐ No Recorded Data Available

Field Observations:

Depth of Surface Water:	NA	(in.)
Depth to free Water in Pit	NA	(in.)
Depth of Saturated Soil:	NA	(in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ☐ Inundated
- ☐ Saturated in Upper 12 inches
- ☐ Water Marks
- ☐ Drift Lines
- ☐ Sediment Deposits
- ☐ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ☐ Oxidized Root Channels in Upper 12 Inches
- ☐ Water-Stained Leaves
- ☐ Local Soil Survey Data
- ☐ FAC-Neutral Test
- ☐ Other (Explain in Remarks)

Remarks: no hydrology indicators

SOILS

Data Point #7

Map Unit Name
(Series and Phase): Altamont Clay

Drainage Class: Well Drained

Field Observations
Taxonomy (Subgroup): Typic Chromoxererts

Confirm Mapped Type? ☐ Yes ☒ No

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle (Abundance/Contrast)	Texture, Concretions, Structure, etc.
0-12	A	7.5YR 3/2	7.5YR 5/8	1%	Loam

Hydric Soil Indicators:

- ☐ Histosol
- ☐ Histic Epipedon
- ☐ Sulfidic Odor
- ☐ Aquic Moisture Regime
- ☒ Reducing Conditions
- ☐ Gleyed or Low-Chroma Colors
- ☐ Concretions
- ☐ High Organic Content in surface layer in Sandy Soils
- ☐ Organic Streaking in Sandy Soils
- ☐ Listed on Local Hydric Soils List
- ☐ Listed on National Hydric Soils List
- ☐ Other (Explain in Remarks)

Remarks: Low chroma with mottles present. low percentage of mottles

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	☐	No	☒			
Wetland Hydrology Present?	Yes	☐	No	☒			
Hydric Soils Present?	Yes	☒	No	☐	Is this Sampling Point Within a Wetland?	Yes ☐	No ☒

Remarks: DP located in NNGL upland.

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	University City Transportation Corridor	Date:	10/8/03
Applicant/Owner:	City of San Diego	County:	SD
Investigator:	Stephen Rink, Daylon Teel	State:	CA

Do normal circumstances exist on the site?	☒ Yes	☐ No	Community ID:	Sycamore/Willow
Is the site significantly disturbed (Atypical Situation)?	☐ Yes	☒ No	Transect ID:	DP8
Is the area a potential Problem Area?	☐ Yes	☒ No	Plot ID:	PP8
(If needed, explain on reverse.)				

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Platanus racemosa*	T	FACW	9.		
2. *Xanthium strumarium*	H	FAC	10.		
3. *Salix lasiolepis*	H	FACW	11.		
4. *Ambrosia psilostachya*	H	FAC	12.		
5. *Cynodon dactylon*	H	FAC	13.		
6.			14.		
7.			15.		
8.			16.		

Percentage of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 100%

Remarks: wetland vegetation present in dominant %

HYDROLOGY

☒ Recorded Data (Described in Remarks):
- ☐ Stream, Lake, or Tide Gauge
- ☒ Aerial Photographs
- ☐ Other

☐ No Recorded Data Available

Field Observations:

Depth of Surface Water:	NA	(in.)
Depth to free Water in Pit	NA	(in.)
Depth of Saturated Soil:	NA	(in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ☐ Inundated
- ☐ Saturated in Upper 12 inches
- ☒ Water Marks
- ☒ Drift Lines
- ☐ Sediment Deposits
- ☒ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ☐ Oxidized Root Channels in Upper 12 Inches
- ☐ Water-Stained Leaves
- ☐ Local Soil Survey Data
- ☐ FAC-Neutral Test
- ☐ Other (Explain in Remarks)

Remarks: DP located in cobble drainage channel.

SOILS

Data Point #8

Map Unit Name
(Series and Phase): Salinas Clay Loam

Drainage Class: Moderate and Well Drained

Field Observations
Confirm Mapped Type? ☐ Yes ☒ No

Taxonomy (Subgroup): Calcic Pachic Heploxeralls

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle (Abundance/Contrast)	Texture, Concretions, Structure, etc.
0-8	A	10YR 4/2	7.5YR 5/8	1%	Sandy Loam

Hydric Soil Indicators:

- ☐ Histosol
- ☐ Histic Epipedon
- ☐ Sulfidic Odor
- ☒ Aquic Moisture Regime
- ☐ Reducing Conditions
- ☐ Gleyed or Low-Chroma Colors
- ☐ Concretions
- ☐ High Organic Content in surface layer in Sandy Soils
- ☐ Organic Streaking in Sandy Soils
- ☐ Listed on Local Hydric Soils List
- ☐ Listed on National Hydric Soils List
- ☐ Other (Explain in Remarks)

Remarks: Aquic moisture regime and mottles indicate hydric soils

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	☒	No	☐			
Wetland Hydrology Present?	Yes	☒	No	☐			
Hydric Soils Present?	Yes	☒	No	☐	Is this Sampling Point Within a Wetland?	Yes ☒	No ☐

Remarks: DP located in Syc./Willow vegetation in main drainage channel

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project/Site:	University City Transportation Corridor	Date:	10/8/03
Applicant/Owner:	City of San Diego	County:	SD
Investigator:	SRR, DLT	State:	CA

Do normal circumstances exist on the site?	☒ Yes	☐ No	Community ID:	SCWRF
Is the site significantly disturbed (Atypical Situation)?	☐ Yes	☒ No	Transect ID:	DP12
Is the area a potential Problem Area?	☐ Yes	☒ No	Plot ID:	PP12
(If needed, explain on reverse.)				

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. *Salix lasiolepis*	T	FACW	9.		
2. *Populus fremontii*	T	FACW	10.		
3. *Platanus racemosa*	T	FACW	11.		
4. *Artemisia douglasiana*	H	FACW	12.		
5. *Ambrosia psilostachya*	H	FAC	13.		
6. *Baccharis salicifolia*	S	FACW	14.		
7.			15.		
8.			16.		

Percentage of Dominant Species that are OBL, FACW or FAC (excluding FAC-). 100%

Remarks: SCWRF vegetation dominant.

HYDROLOGY

☒ Recorded Data (Described in Remarks):
- ☐ Stream, Lake, or Tide Gauge
- ☒ Aerial Photographs
- ☐ Other

☐ No Recorded Data Available

Field Observations:

Depth of Surface Water:	NA	(in.)
Depth to free Water in Pit	NA	(in.)
Depth of Saturated Soil:	NA	(in.)

Wetland Hydrology Indicators:

Primary Indicators:
- ☐ Inundated
- ☐ Saturated in Upper 12 inches
- ☒ Water Marks
- ☒ Drift Lines
- ☐ Sediment Deposits
- ☒ Drainage Patterns in Wetlands

Secondary Indicators (2 or more required):
- ☐ Oxidized Root Channels in Upper 12 Inches
- ☐ Water-Stained Leaves
- ☐ Local Soil Survey Data
- ☐ FAC-Neutral Test
- ☐ Other (Explain in Remarks)

Remarks: DP located adjacent to main drainage, water present in drainage.

Data Point #12

SOILS

Map Unit Name
(Series and Phase): Salinas Clay Loam

Drainage Class: Moderate and Well Drained

Field Observations
Confirm Mapped Type? ☐ Yes ☒ No

Taxonomy (Subgroup): Calcic Pachic Heploxeralls

Profile Description:

Depth (inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottle (Abundance/Contrast)	Texture, Concretions, Structure, etc.
0-12	A	10YR 5/3	7.5YR 5/8	2%	Silt Loam

Hydric Soil Indicators:

- ☐ Histosol
- ☐ Histic Epipedon
- ☐ Sulfidic Odor
- ☒ Aquic Moisture Regime
- ☒ Reducing Conditions
- ☐ Gleyed or Low-Chroma Colors
- ☐ Concretions
- ☐ High Organic Content in surface layer in Sandy Soils
- ☐ Organic Streaking in Sandy Soils
- ☐ Listed on Local Hydric Soils List
- ☐ Listed on National Hydric Soils List
- ☐ Other (Explain in Remarks)

Remarks: hydric soil indicators present with mottles

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	☒	No	☐	
Wetland Hydrology Present?	Yes	☒	No	☐	
Hydric Soils Present?	Yes	☒	No	☐	Is this Sampling Point Within a Wetland? Yes ☒ No ☐

Remarks: SCWRF wetland

Attachment 55

Photo Point 3. Data Point 3, located in Southern Willow Scrub vegetation.

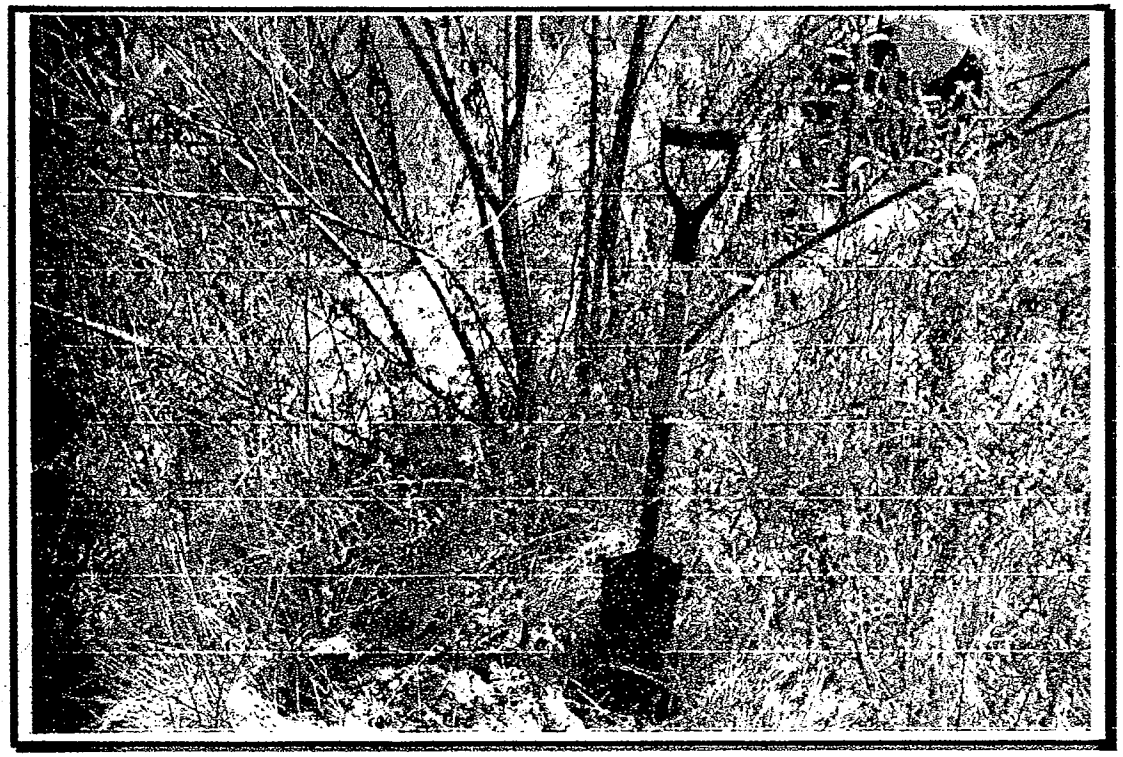


Photo Point 4. Data Point 4, located in Mule Fat Scrub vegetation.

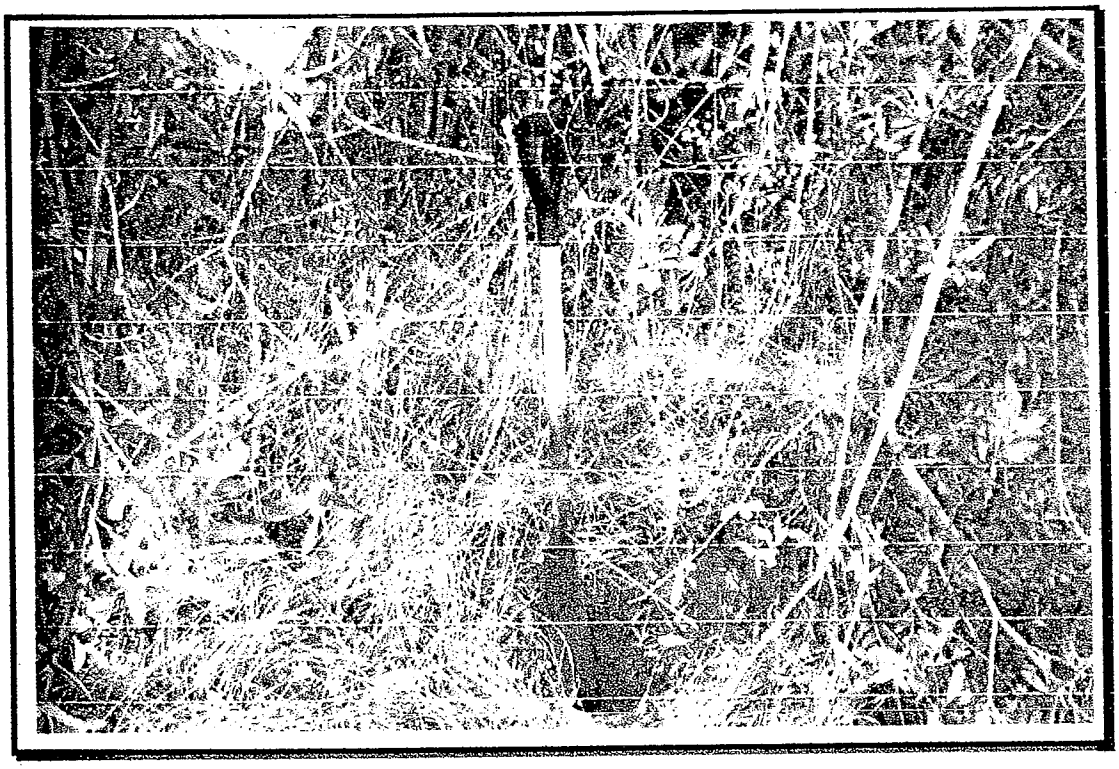
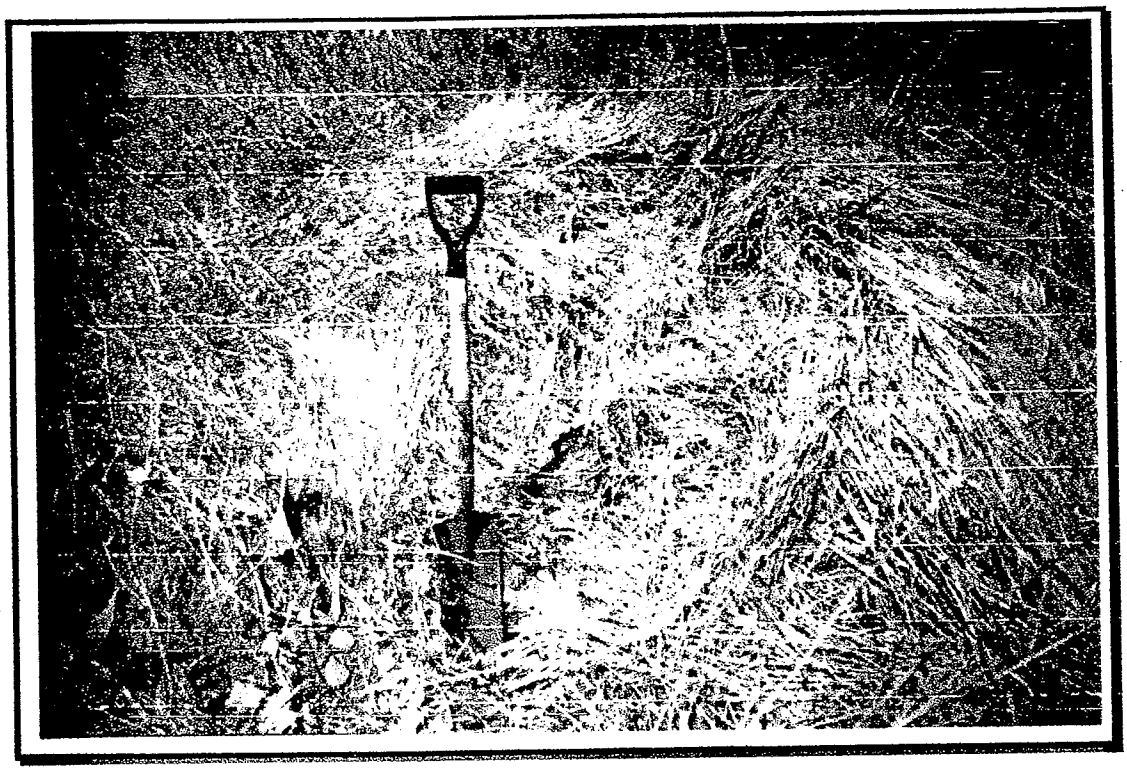


Photo Point 5. Data Point 5, located in isolated Southern Willow Scrub vegetation

Photo Point 6. Data Point 6, located in Native Grassland Vegetation. This area is under CDFG and City jurisdiction.



Data Point 7. Data Point 7, located in Non-native Grassland.

Data Point 8 Data Point 8, located in Southen Cottonwood-Willow Riparian Forest understory.

Photo Point 11. Data Point 11 located in disturbed CSS/eucalyptus understory.

Photo Point 12. Data Point 12 located in Southern Cottonwood-Willow Riparian Forest understory.