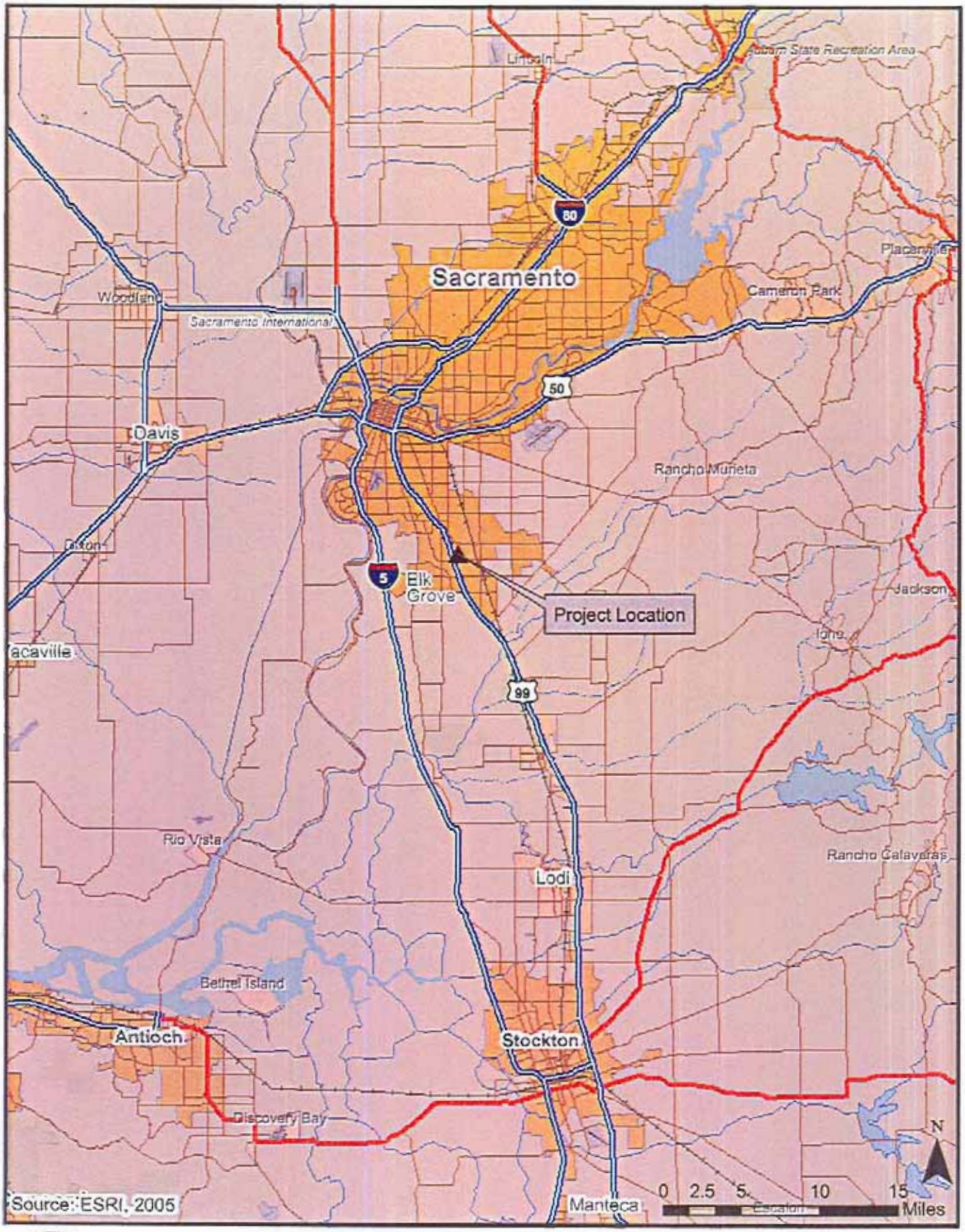
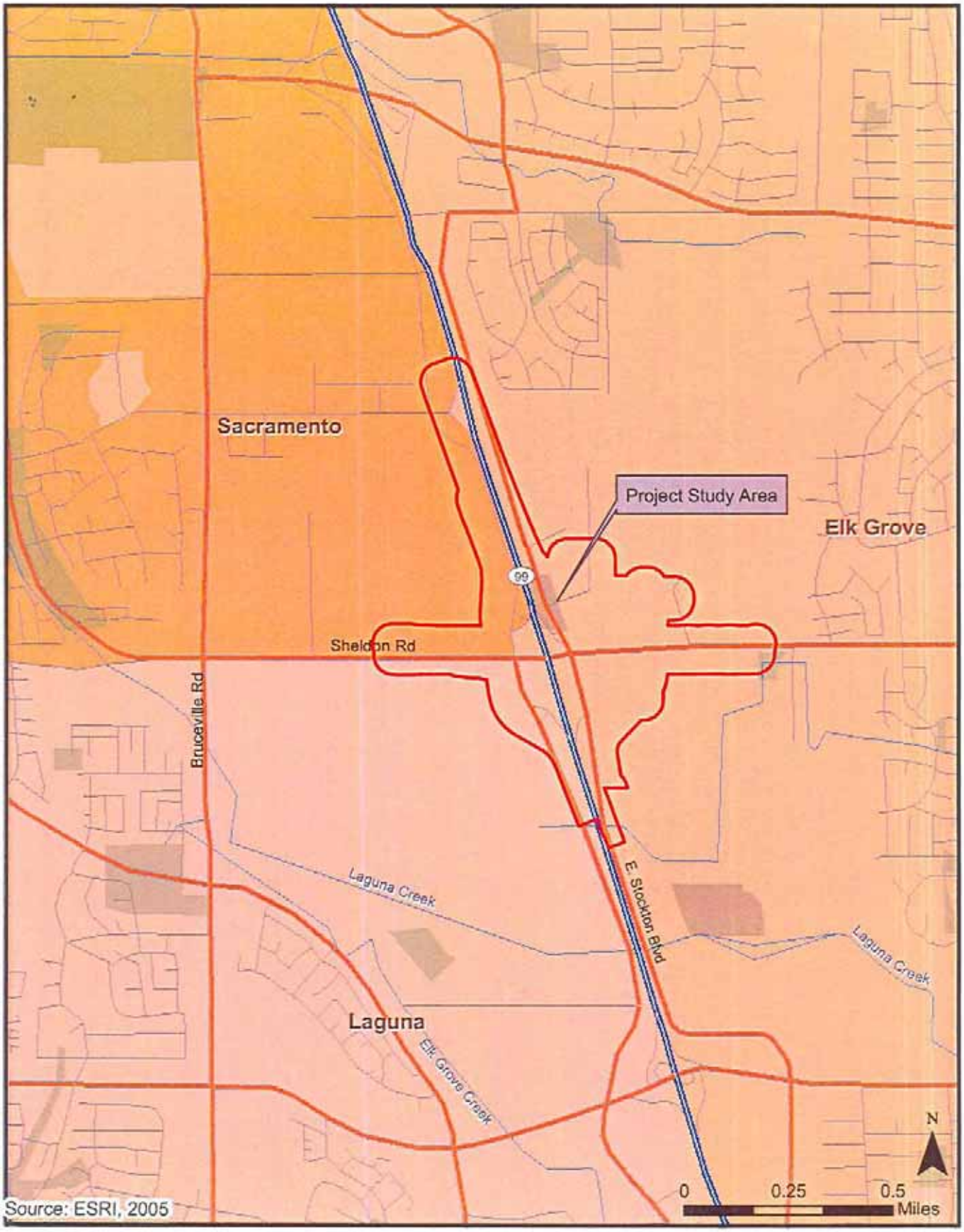


City of Elk Grove
Development Services

Figure 1
Regional Vicinity Map
Sheldon Rd/SR 99 Interchange Project



City of Elk Grove
Development Services

Figure 2
Project Location Map
Sheldon Rd/SR 99 Interchange Project

Sources: PMC; AirPhotoUSA, 2004;

0 200 400 600 800 1,000 Feet

Figure 4: Revised Delineation of Waters of the U.S. Including Wetlands

Sheldon Road/State Route 99
Interchange Reconstruction Project

Legend

- Data Point (Elk Grove)
- Data Point (Foothill and Ass.)
- Contour (2-foot)
- Study Limit Boundary (115.1 ac)

Jurisdictional Waters of the U.S.

- Seasonal Wetland (1.392 ac)
- Vernal Pool (1.031 ac)

Drainage Ditches (with bed and bank)

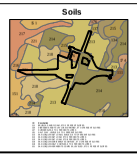
- 0.5' (0.030 ac)
- 1' (0.197 ac)
- 1.5' (0.079 ac)
- 2' (0.010 ac)
- 2.5' (0.011 ac)

Non-Jurisdictional Waters

- Drainage Ditch

ID	Type	Acres	ID	Type	Acres
2	Seasonal Wetland	0.007	16	Seasonal Wetland	0.004
3	Seasonal Wetland	0.025	17	Seasonal Wetland	0.143
4	Seasonal Wetland	0.099	18	Seasonal Wetland	0.030
5	Seasonal Wetland	0.154	20	Vernal Pool	0.055
6	Seasonal Wetland	0.024	21	Vernal Pool	0.043
7	Seasonal Wetland	0.079	22	Vernal Pool	0.008
9	Seasonal Wetland	0.071	23	Seasonal Wetland	0.168
10	Seasonal Wetland	0.073	24	Seasonal Wetland	0.251
11	Seasonal Wetland	0.248	25	Vernal Pool	0.921
15	Seasonal Wetland	0.016	26	Vernal Pool	0.004

Soils



SCALE: 1" = 200'
Florin Quadrangle
T7N R8E Secs 23 & 26

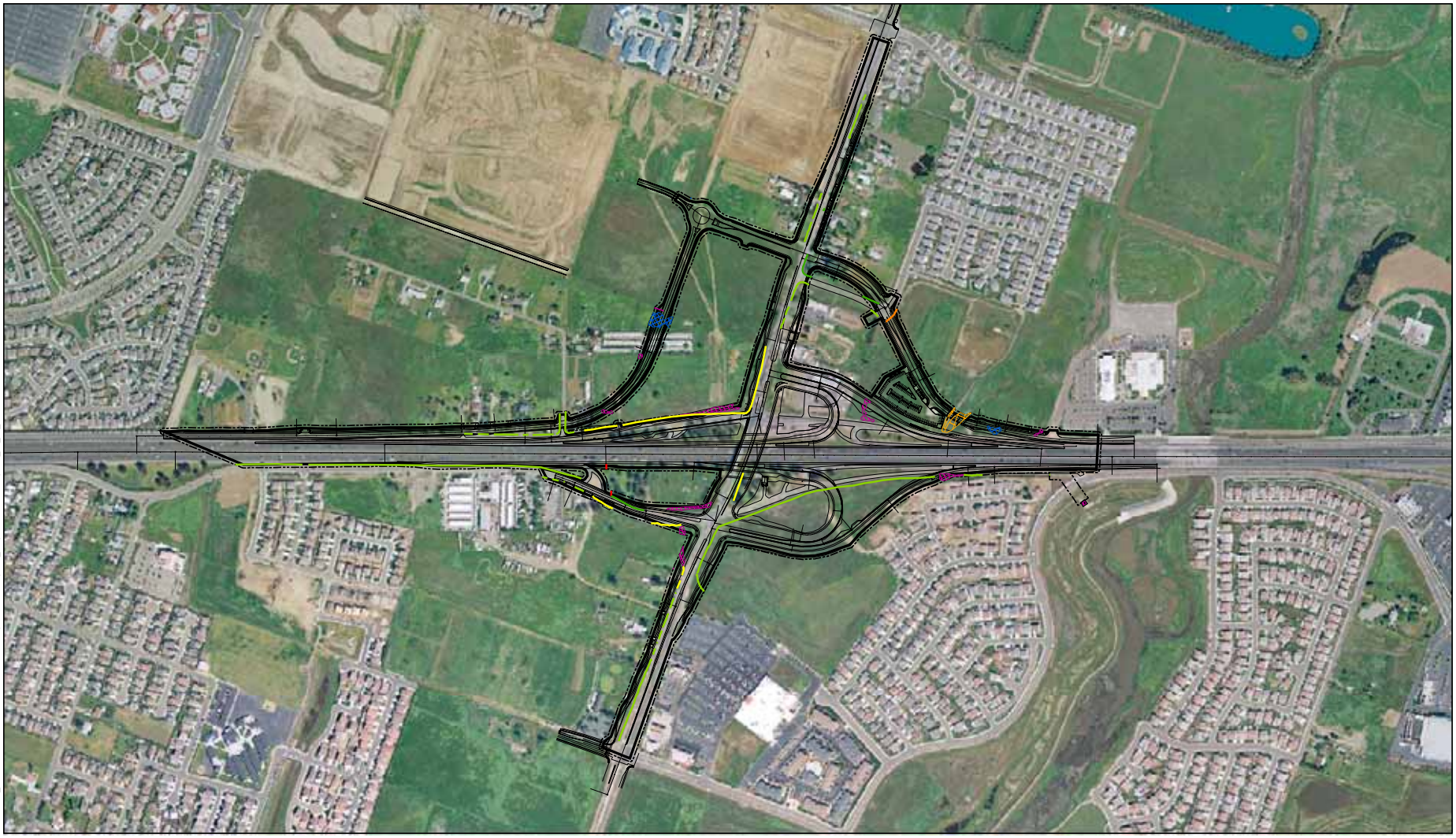
Delineated By: Jeannette Owen

Drafted By: John DeMartino

Date: April 25, 2006

City of Elk Grove
Development Services

T:\GIS\Elk_Grove\PROJECTS\Sheldon Road interchange\Mxds\BA\Figure2_ProposedPlanWithImpacts_05_31_06.mxd



Sources: Quincy Engineering, 2005; City of Elk Grove, 2005; AirPhotoUSA, 2004

0 200 400 600 800 1,000 Feet

Figure 2: Proposed Project Plan with Wetland Impacts

Sheldon Road/State Route 99
Interchange Improvement Project

Legend

- Engineering Design
- Impact Area (Permanent)
- Impact Area (Temporary)

Jurisdictional Waters of the U.S.

- Seasonal Wetland
- Vernal Pool
- White House Creek

Drainage Ditches (with bed and bank)

- 0.5'
- 1'
- 1.5'
- 2'
- 2.5'

Type	Acres Within Project	Permanet Impacts	Linear Feet	Temporary Impacts
Seasonal Wetland	1.14	0.32 ac	n/a	0.22 ac
Vernal Pool	1.03	0.18 ac	n/a	0.06 ac
Drainage Ditch	0.31	0.16 ac	9405.2	0.08 ac
White House Creek (Seasonal Wetland)	0.25	14.14 sq ft	n/a	0.09 ac

SCALE: 1" = 600'
Florin Quadrangle
T7N R8E Secs 23 & 26

Drafted By: John DeMartino

Date: May 2, 2006

City of Elk Grove
Development Services

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
03	SAC	CR			

90% SUBMITTAL

REGISTERED CIVIL ENGINEER

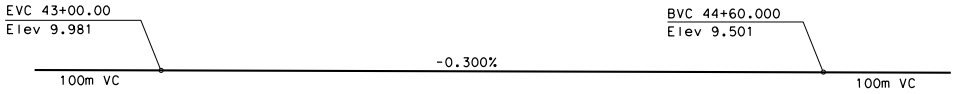
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Mark L. Reno — No. 47756 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

Quincy Engineering, Inc.
3247 Ramos Circle
Sacramento, CA 95827

City of Elk Grove
8400 Laguna Palms Way
Elk Grove, CA 95758

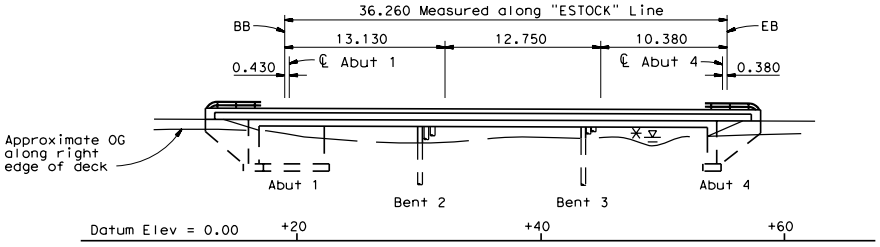


PROFILE GRADE

No Scale

INDEX TO PLANS

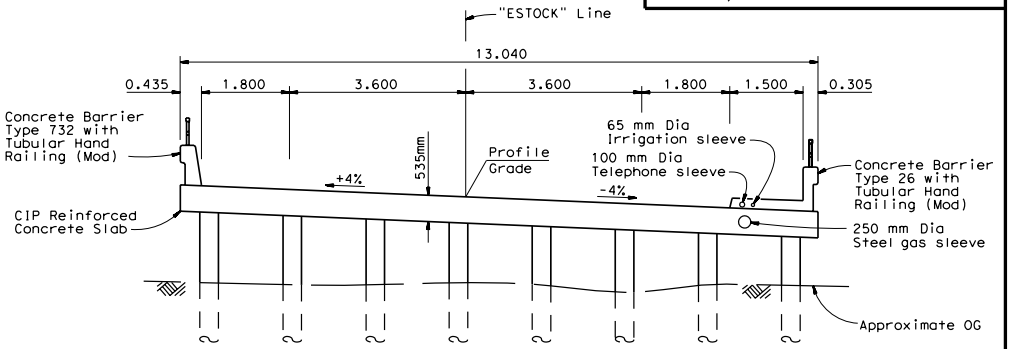
Sheet No.	Title
1	General Plan
2	Deck Contours
3	Foundation Plan
4	Abutment Details
5	Bent Details and Typical Section
6	Reinforcement Details No. 1
7	Reinforcement Details No. 2
8	Log of Test Borings



ELEVATION

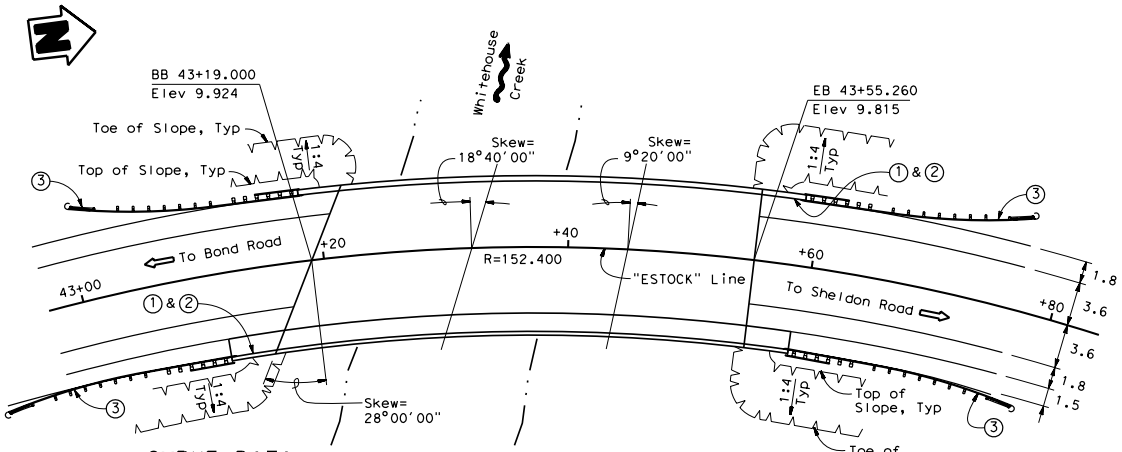
1:200

* For Hydrologic Summary, see "Foundation Plan" sheet



TYPICAL SECTION

1:50



CURVE DATA

R = 152.400
Δ = 52°44'18"
T = 75.550
L = 140.278

PLAN

1:200

STANDARD PLANS DATED JULY 2004

A10A	Acronyms and Abbreviations
A10B	Acronyms and Abbreviations
A10C	Symbols
A10D	Symbols
A62C	Limits of Payment for Excavation and Backfill-Bridge
B0-1	Bridge Details
B0-3	Bridge Details
B7-5	Deck Drains
B11-51	Tubular Hand Railing
B11-54	Concrete Barrier Type 26
B11-55	Concrete Barrier Type 732

STANDARD PLAN SHEET NO.

DETAIL NO.

Legend

① Paint "Bridge No. 24C-0527"

② Paint "Whitehouse Creek Bridge"

③ MBGR see "Road Plans"

Notes:

1. For General Notes and Quantities, see "Deck Contours" sheet.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

DESIGN OVERSIGHT	DESIGN	BY L. Mason	CHECKED	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	
	DETAILS	BY A. Sanchez	CHECKED	LAYOUT	BY L. Mason	CHECKED
SIGN OFF DATE	QUANTITIES	BY L. Mason	CHECKED	SPECIFICATIONS	BY P. Rimal	PLANS AND SPECS COMPARED

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

Mark L. Reno
PROJECT ENGINEER

BRIDGE NO. 24C-0527
KILOMETER POST CR

WHITEHOUSE CREEK BRIDGE
GENERAL PLAN

DESIGN GENERAL PLAN SHEET (METRIC) (REV.3/1/99)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU
EA

FILE => $REQUEST

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 1 OF 8

5/9/2006 02:55:14 PM

NOTES:

1. FOR COMPLETE R/W DATA, SEE R/W RECORD MAPS AT CALTRANS DISTRICT OR CITY OFFICE.
2. THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.

LEGEND:

(x) DRAINAGE SYSTEM No.

(x) DRAINAGE UNIT No.

Caltrans Metric

DIST	COUNTY	LOCATION CODE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	SAC	99	23.2/24.9		

90% SUBMITTAL

REGISTERED CIVIL ENGINEER

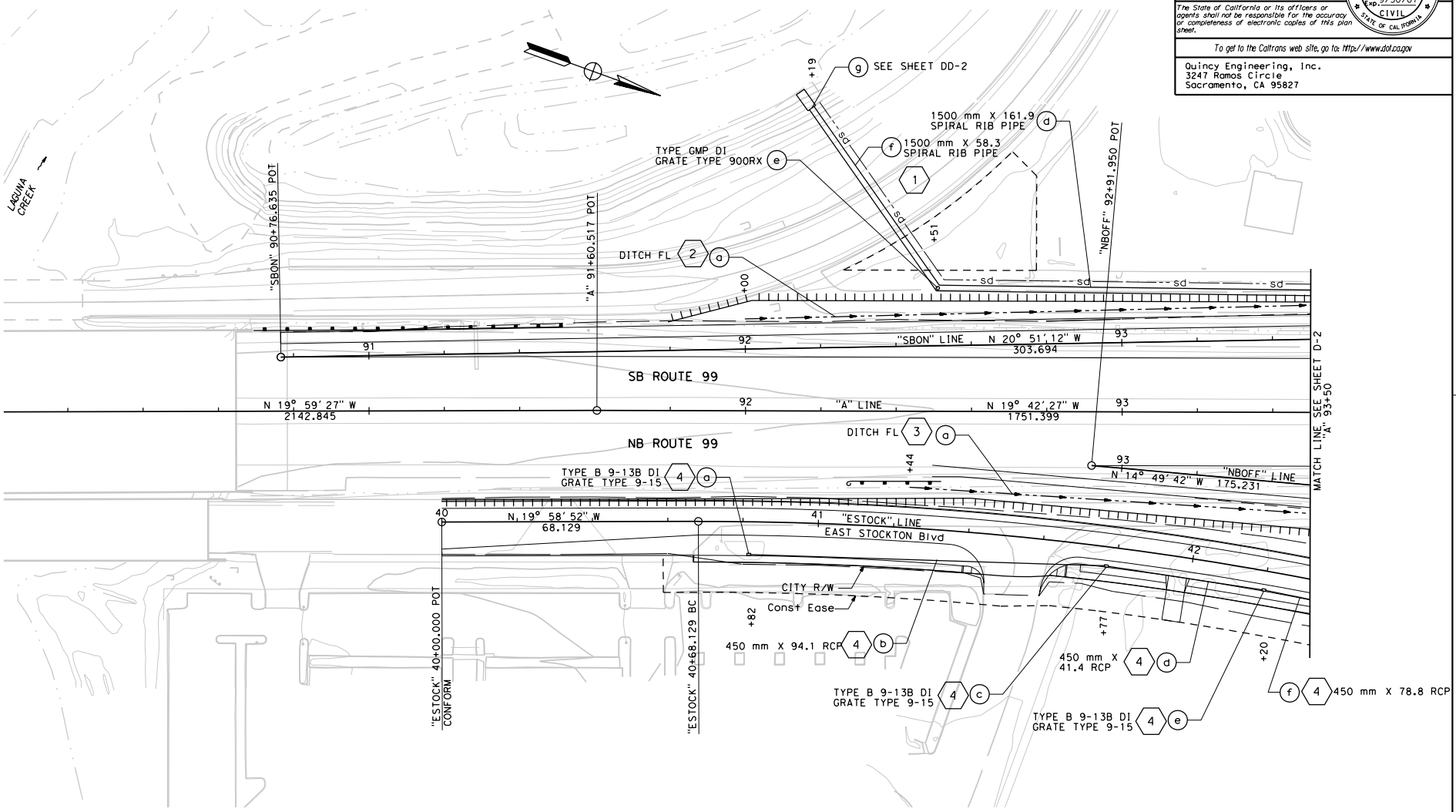
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER J. Jurrens NO. 62458 EXP. 9/30/07 CIVIL STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to: http://www.dot.ca.gov

Quincy Engineering, Inc.
3247 Ramos Circle
Sacramento, CA 95827



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

DRAINAGE PLAN

SCALE 1:500

D-1

DATE 12/05	REVISED BY	/
	DATE REVISED	/

CALCULATED/DESIGNED BY	J.JURRENS	.
CHECKED BY		

DESIGN OVERSIGHT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 07-28-05

DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

FILE => $FILE$

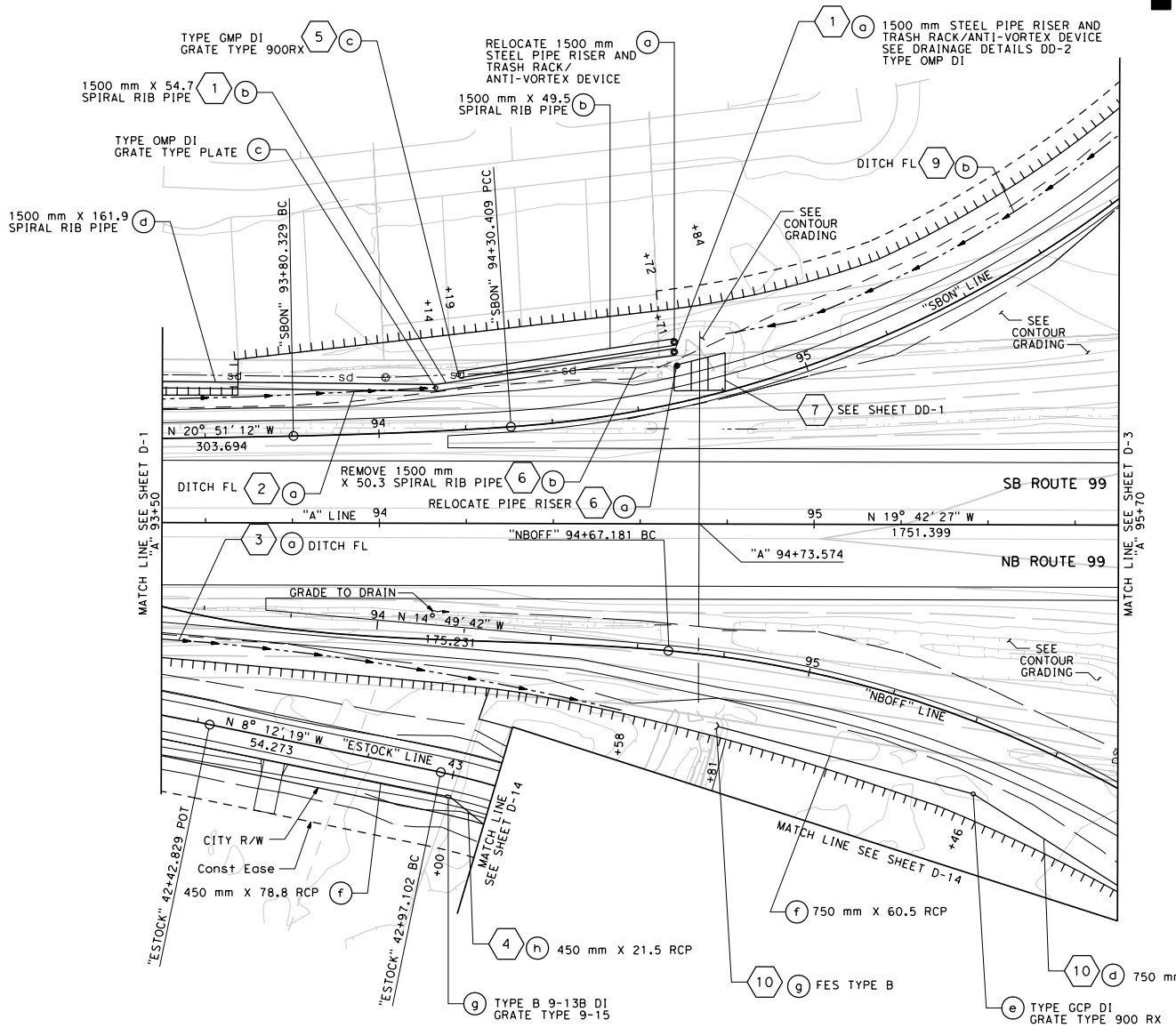
CU 03-198

EA 372001

$FREQUEST

NOTES:

1. FOR COMPLETE R/W DATA, SEE R/W RECORD MAPS AT CALTRANS DISTRICT OR CITY OFFICE.
2. THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY.



DIST	COUNTY	LOCATION CODE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	SAC	99	23.2/24.9		

90% SUBMITTAL

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER J. Jurrens NO. 62458 EXP. 9/30/07 CIVIL STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to: http://www.dot.ca.gov

Quincy Engineering, Inc.
3247 Ramos Circle
Sacramento, CA 95827

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

DRAINAGE PLAN

SCALE 1:500

D-2

DATE 12/05	REVISED BY	/
	DATE REVISED	/

CALCULATED/DESIGNED BY: J.JURRENS

CHECKED BY: .

DESIGN OVERSIGHT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

FILE => $FILE$

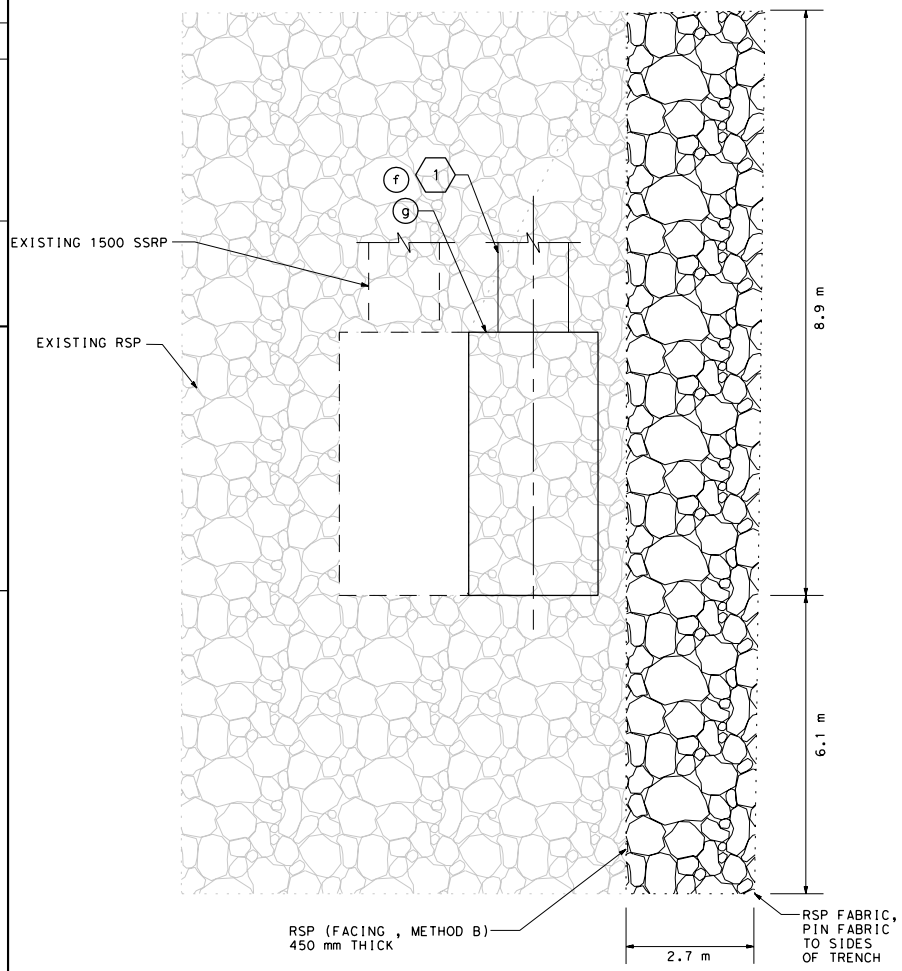
CU 03-198 | EA 372001

LAST REVISION 07-28-05 | DATE PLOTTED => $DATE$ TIME PLOTTED => $TIME$

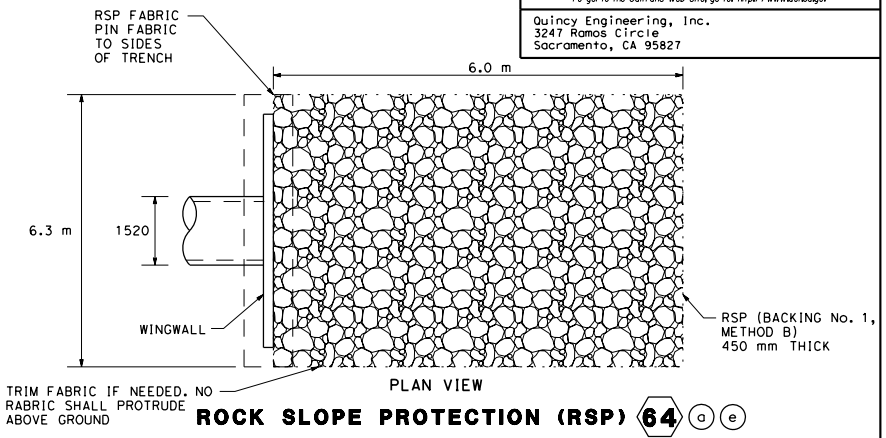
$FREQUEST

NOTES:

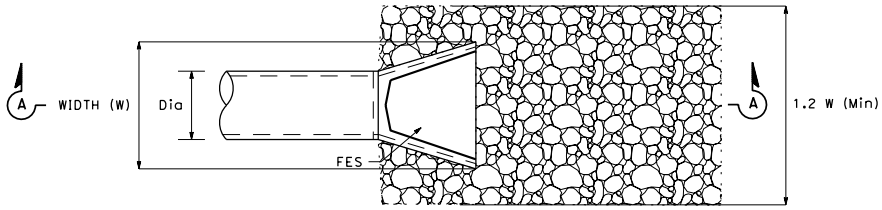
1. ALL FES SHALL BE PROTECTED BY RSP.



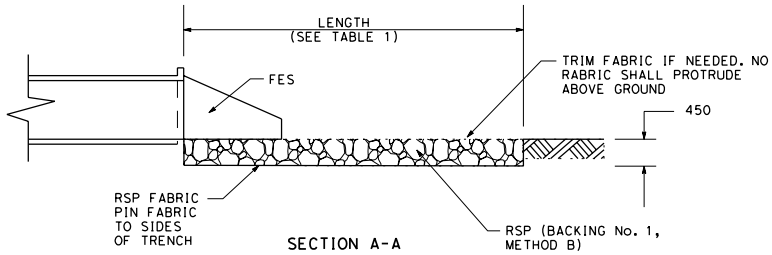
ROCK SLOPE PROTECTION (RSP) 1 g



ROCK SLOPE PROTECTION (RSP) 64 a e



PLAN VIEW



SECTION A-A

TABLE 1

PIPE DIAMETER	LENGTH
mm	m
450	3
600	4
750	4.5
900	5

ROCK SLOPE PROTECTION (RSP)

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

DRAINAGE DETAILS

NO SCALE

DD-6

DIST	COUNTY	LOCATION CODE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	SAC	99	23.2/24.9		

90% SUBMITTAL
REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
J. Jurrens
NO. 62458
EXP. 9/30/07
CIVIL
STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To get to the Caltrans web site, go to: http://www.dot.ca.gov

Quincy Engineering, Inc.
3247 Ramos Circle
Sacramento, CA 95827

CALCULATED/ DESIGNED BY	J.JURRENS	DATE 12/05	REVISED BY	DATE REVISED
CHECKED BY	.	/		/

DESIGN OVERSIGHT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

#REQUEST

LAST REVISION 07-28-05 | DATE PLOTTED => $DATE | TIME PLOTTED => $TIME

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

FILE => $FILE$

CU 03-198 | EA 372001