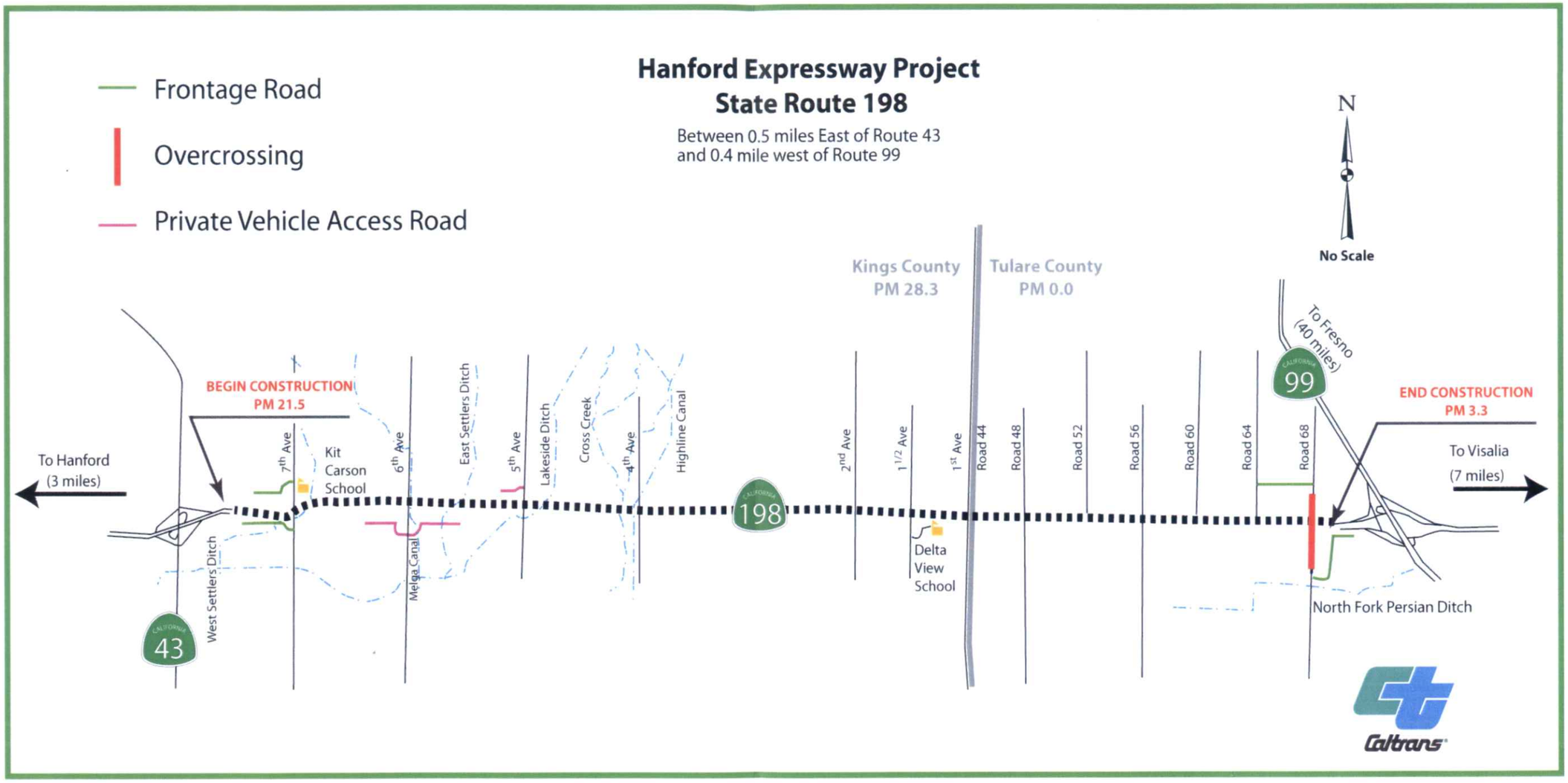
Project Vicinity Map

Hanford Expressway
State Route 198
Kin/Tul-198-PM 21.5/28.3.0-0.0/3.3
06-3568U1

N

NOT TO SCALE

Project Location Map



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Kin,Tul	198	R21.5/R28.3, 0.0/R3.4		

REGISTERED CIVIL ENGINEER DATE 03-31-08

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER W.L. CHANG No. 41899 Exp. 3-31-10 CIVIL STATE OF CALIFORNIA

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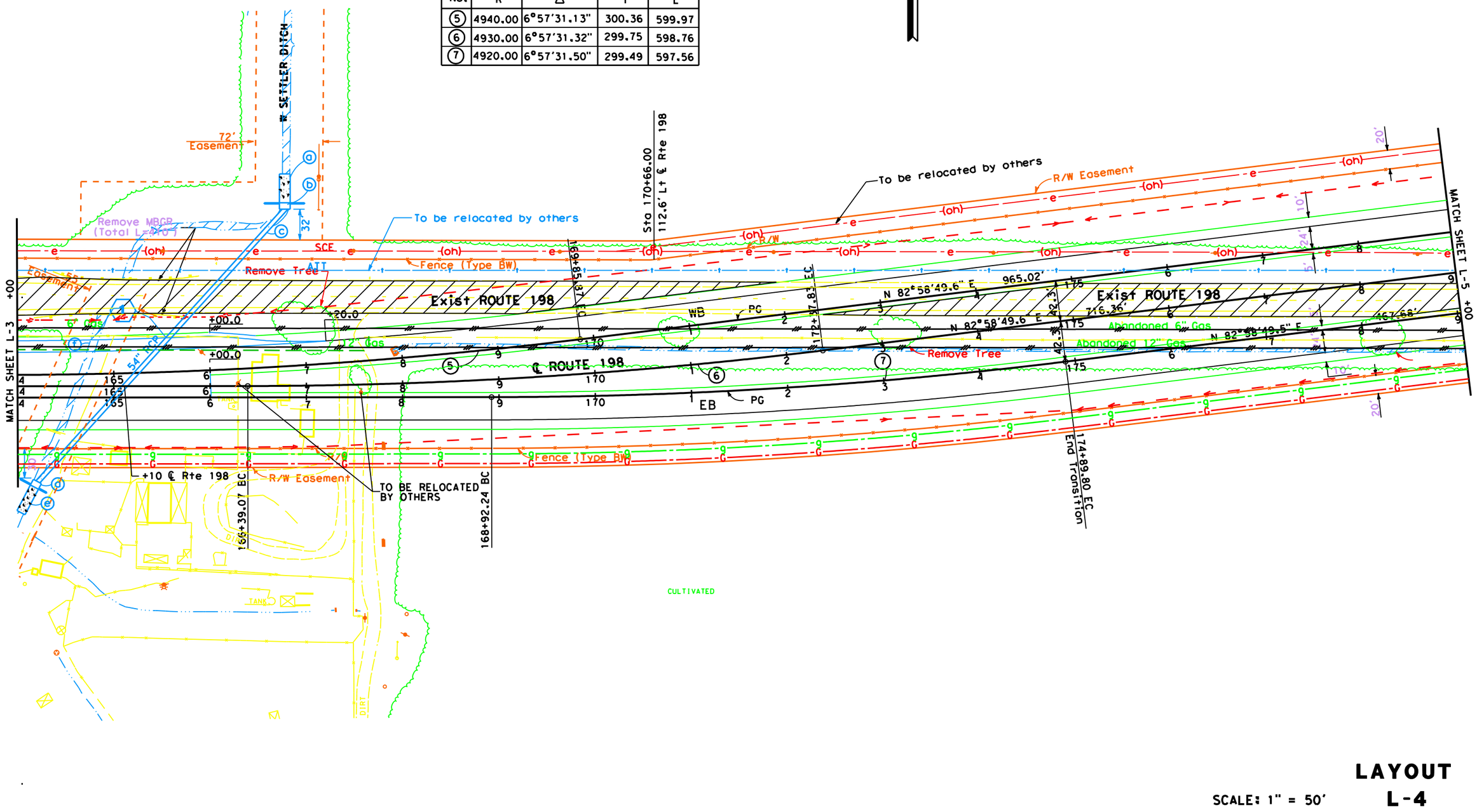
Note:

1. For complete R/W and Accurate Access Data see R/W Record Maps at R/W office.

CULTIVATED

CURVE DATA

No.	R	Δ	T	L
5	4940.00	6°57'31.13"	300.36	599.97
6	4930.00	6°57'31.32"	299.75	598.76
7	4920.00	6°57'31.50"	299.49	597.56



SCALE: 1" = 50'

LAYOUT L-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

DESIGN

FUNCTIONAL SUPERVISOR: GURBHAY BRAR

CALCULATED-DESIGNED BY: W. L. CHANG

CHECKED BY: DAVID VELAZCO

REVISED BY

DATE REVISED

LAST REVISION 03-31-08

DATE PLOTTED => $DATE

TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER

DGN FILE => $REQUEST

CU 06222

EA 3568U1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Kin,Tul	198	R21.5/R28.3, 0.0/R3.4		

REGISTERED CIVIL ENGINEER DATE 03-31-08

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER W.L. CHANG No. 41899 Exp. 3-31-10 CIVIL STATE OF CALIFORNIA

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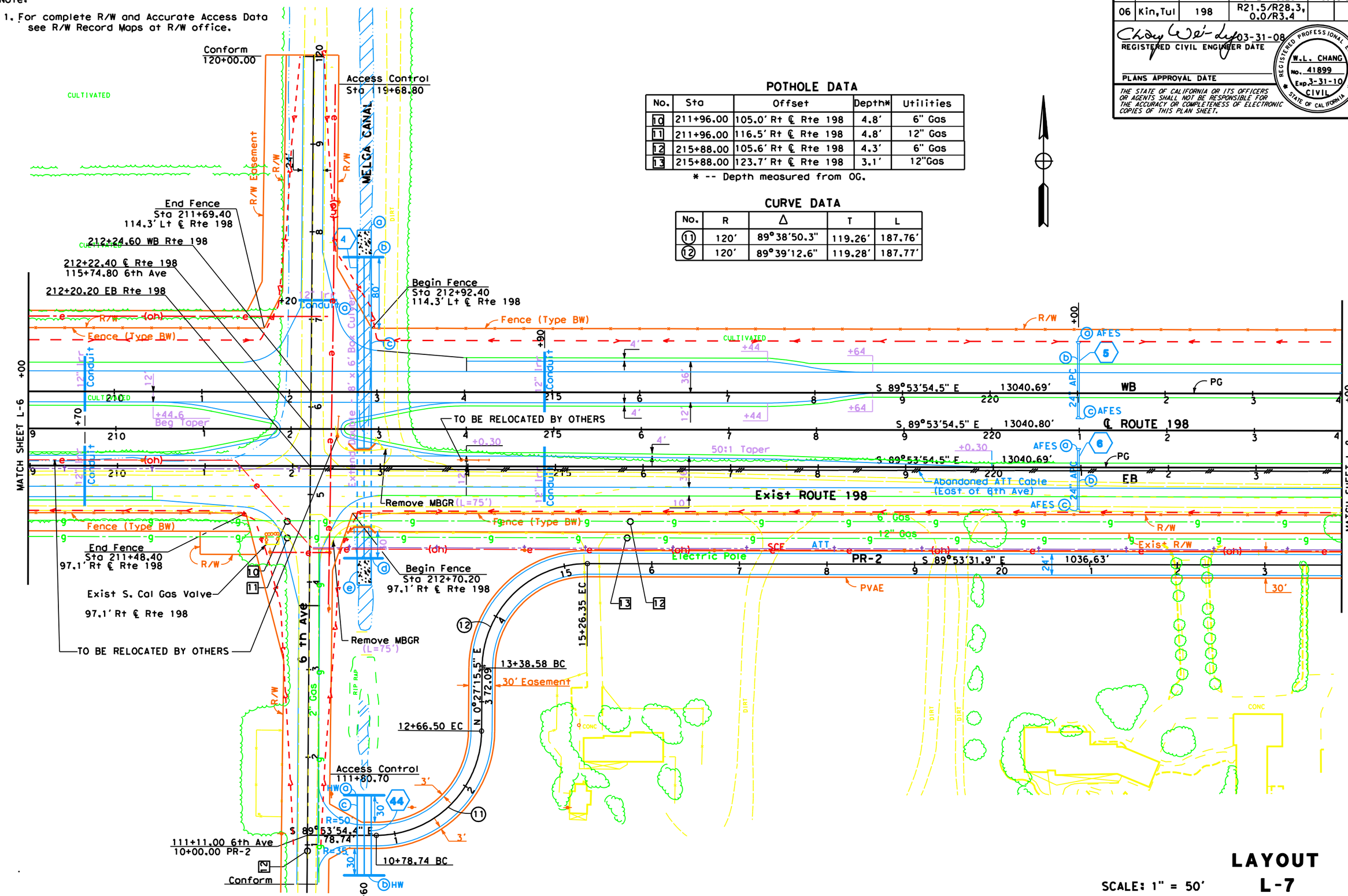
1. For complete R/W and Accurate Access Data see R/W Record Maps at R/W office.



POTHOLE DATA

No.	Sta	Offset	Depth*	Utilities
10	211+96.00	105.0' Rt ℄ Rte 198	4.8'	6" Gas
11	211+96.00	116.5' Rt ℄ Rte 198	4.8'	12" Gas
12	215+88.00	105.6' Rt ℄ Rte 198	4.3'	6" Gas
13	215+88.00	123.7' Rt ℄ Rte 198	3.1'	12"Gas

* -- Depth measured from OG.

CURVE DATA

No.	R	Δ	T	L
11	120'	89°38'50.3"	119.26'	187.76'
12	120'	89°39'12.6"	119.28'	187.77'

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY: W. L. CHANG | CHECKED BY: DAVID VELAZCO

FUNCTIONAL SUPERVISOR: GURBHAY BRAR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans DESIGN

LAST REVISION | DATE PLOTTED => $DATE | TIME PLOTTED => $TIME

03-31-08

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => $USER | DGN FILE => $REQUEST | CU 06222 | EA 3568U1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Kin,Tul	198	R21.5/R28.3, 0.0/R3.4		

REGISTERED CIVIL ENGINEER DATE 03-31-08

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER W.L. CHANG No. 41899 Exp. 3-31-10 CIVIL STATE OF CALIFORNIA

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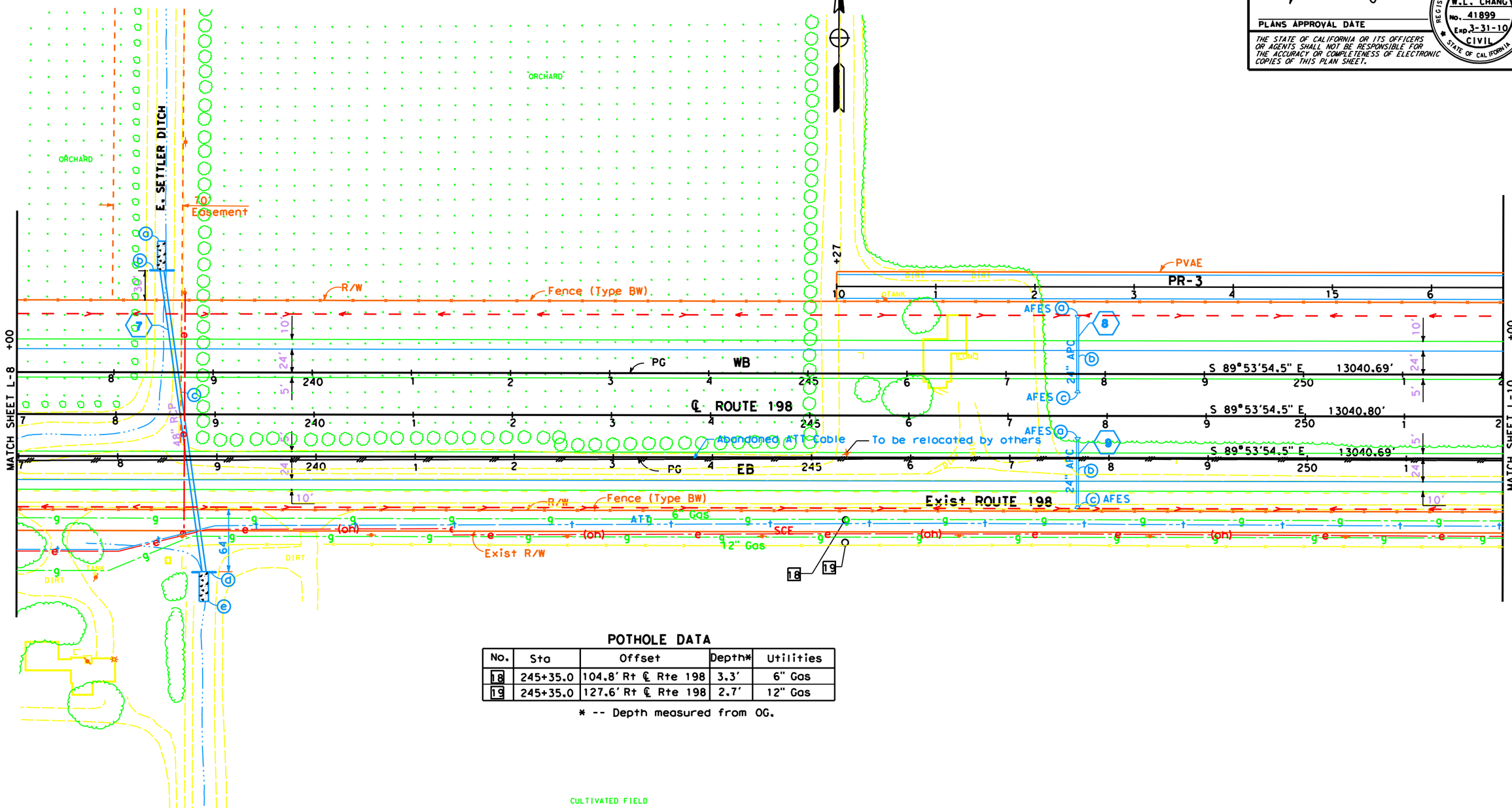

POTHOLE DATA

No.	Sta	Offset	Depth*	Utilities
18	245+35.0	104.8' Rt ℄ Rte 198	3.3'	6" Gas
19	245+35.0	127.6' Rt ℄ Rte 198	2.7'	12" Gas

* -- Depth measured from OG.

SCALE: 1" = 50'

LAYOUT L-9

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

DESIGN

FUNCTIONAL SUPERVISOR: GURBHAY BRAR

CALCULATED-DESIGNED BY: W. L. CHANG

CHECKED BY: DAVID VELAZCO

REVISED BY

DATE REVISED

LAST REVISION 03-31-08

DATE PLOTTED => $DATE

TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER

DGN FILE => $REQUEST

CU 06222

EA 3568U1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Kin,Tul	198	R21.5/R28.3, 0.0/R3.4		

REGISTERED CIVIL ENGINEER DATE 03-31-08

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER W.L. CHANG No. 41899 Exp. 3-31-10 CIVIL STATE OF CALIFORNIA

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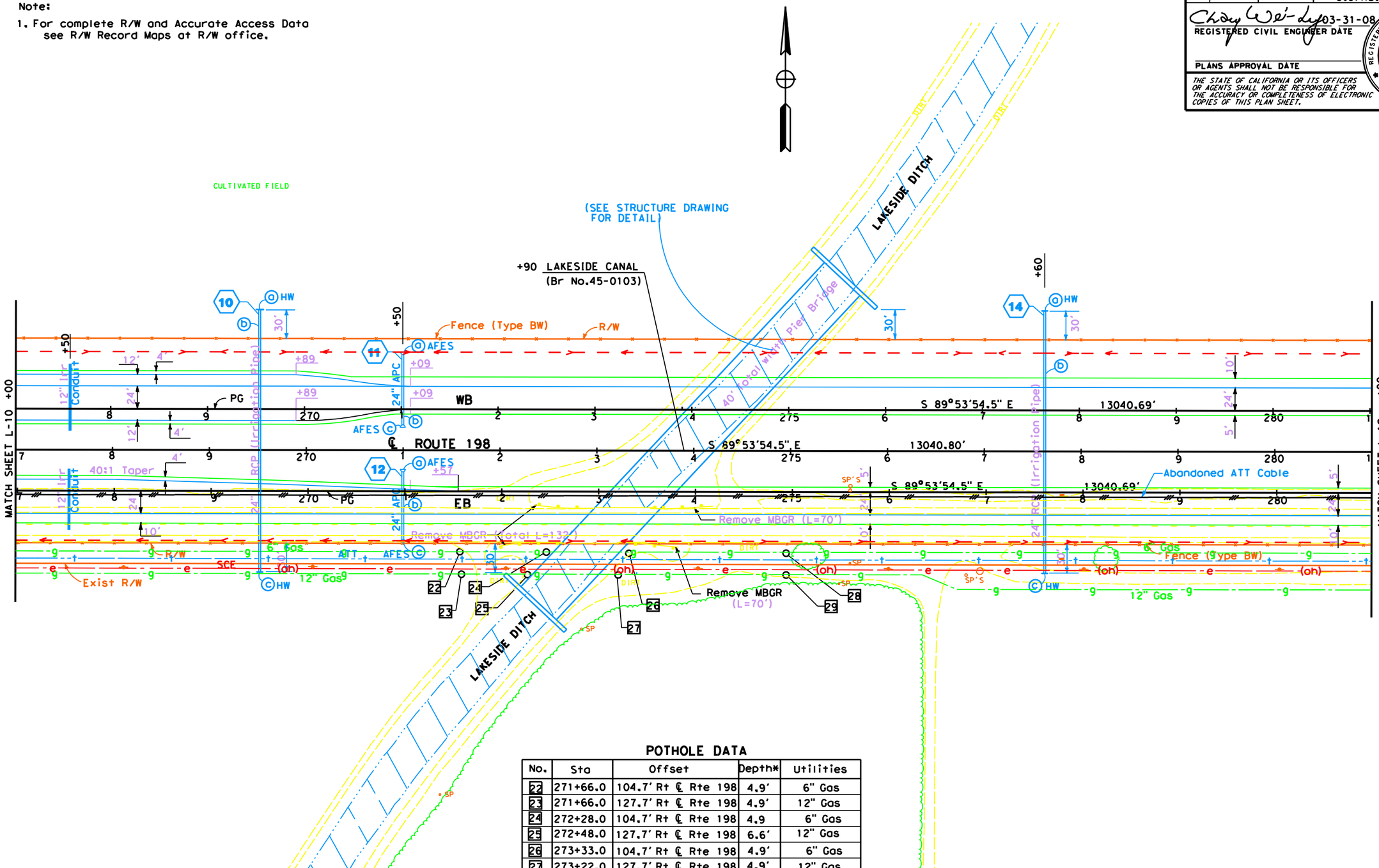

POTHOLE DATA

No.	Sta	Offset	Depth*	Utilities
22	271+66.0	104.7' Rt ℄ Rte 198	4.9'	6" Gas
23	271+66.0	127.7' Rt ℄ Rte 198	4.9'	12" Gas
24	272+28.0	104.7' Rt ℄ Rte 198	4.9	6" Gas
25	272+48.0	127.7' Rt ℄ Rte 198	6.6'	12" Gas
26	273+33.0	104.7' Rt ℄ Rte 198	4.9'	6" Gas
27	273+22.0	127.7' Rt ℄ Rte 198	4.9'	12" Gas
28	274+95.0	104.7' Rt ℄ Rte 198	3.8'	6" Gas
29	274+95.0	127.7' Rt ℄ Rte 198	4.2'	12" Gas

* -- Depth measured from OG.

SCALE: 1" = 50'

LAYOUT L-11

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: W. L. CHANG
CHECKED BY: DAVID VELAZCO

FUNCTIONAL SUPERVISOR: GURBHAY BRAR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

LAST REVISION 03-31-08
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Kin,Tul	198	R21.5/R28.3, 0.0/R3.4		

REGISTERED CIVIL ENGINEER 03-31-08 DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER W.L. CHANG No. 41899 Exp. 3-31-10 CIVIL STATE OF CALIFORNIA

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Note:

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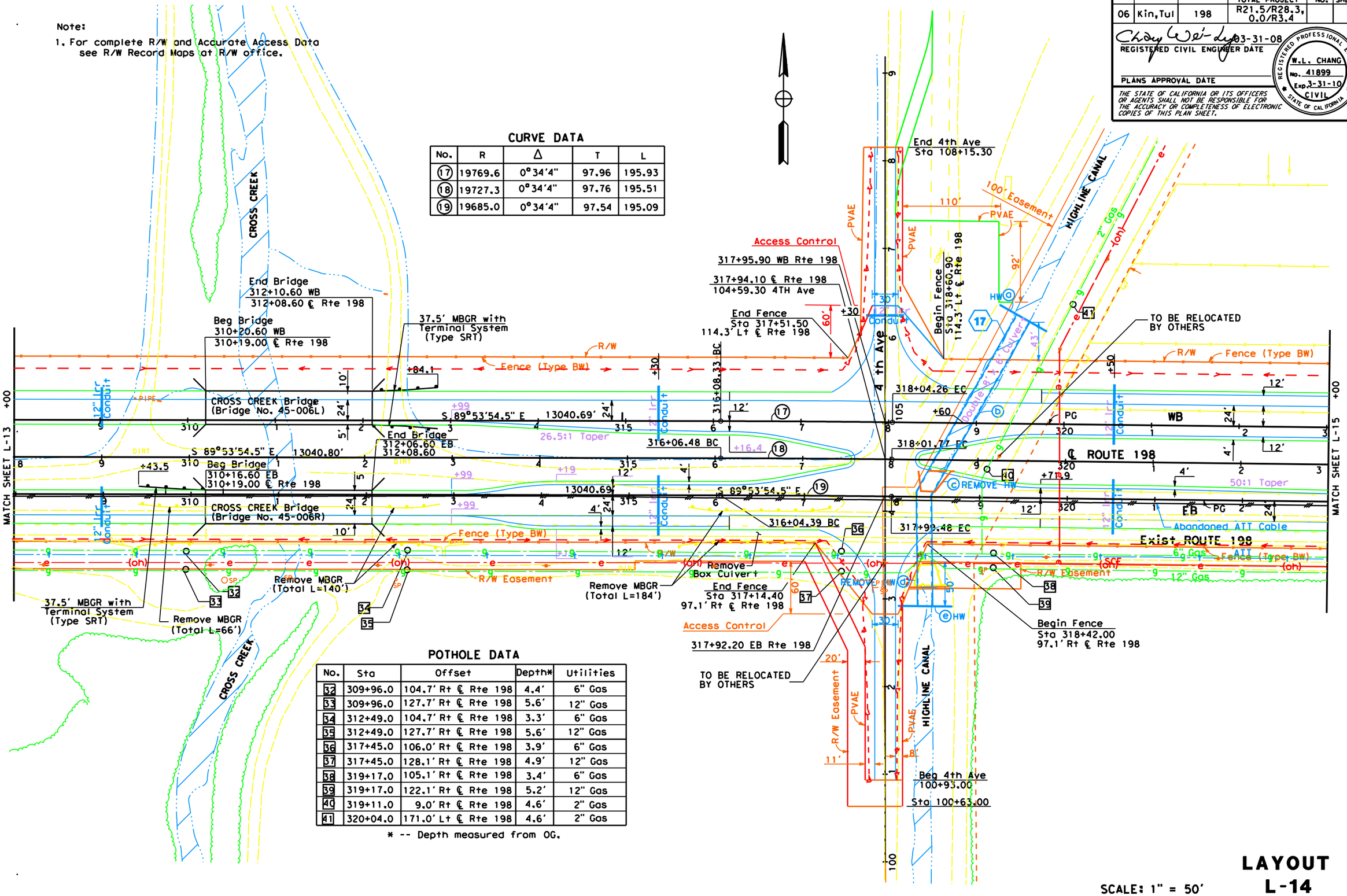

CURVE DATA

No.	R	Δ	T	L
17	19769.6	0°34'4"	97.96	195.93
18	19727.3	0°34'4"	97.76	195.51
19	19685.0	0°34'4"	97.54	195.09

POTHOLE DATA

No.	Sta	Offset	Depth*	Utilities
32	309+96.0	104.7' Rt ℄ Rte 198	4.4'	6" Gas
33	309+96.0	127.7' Rt ℄ Rte 198	5.6'	12" Gas
34	312+49.0	104.7' Rt ℄ Rte 198	3.3'	6" Gas
35	312+49.0	127.7' Rt ℄ Rte 198	5.6'	12" Gas
36	317+45.0	106.0' Rt ℄ Rte 198	3.9'	6" Gas
37	317+45.0	128.1' Rt ℄ Rte 198	4.9'	12" Gas
38	319+17.0	105.1' Rt ℄ Rte 198	3.4'	6" Gas
39	319+17.0	122.1' Rt ℄ Rte 198	5.2'	12" Gas
40	319+11.0	9.0' Rt ℄ Rte 198	4.6'	2" Gas
41	320+04.0	171.0' Lt ℄ Rte 198	4.6'	2" Gas

* -- Depth measured from OG.

SCALE: 1" = 50'

LAYOUT L-14

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

DESIGN

FUNCTIONAL SUPERVISOR: GURBHAY BRAR

CALCULATED-DESIGNED BY: W. L. CHANG

CHECKED BY: DAVID VELAZCO

REVISED BY

DATE REVISED

LAST REVISION 03-31-08

DATE PLOTTED => $DATE

TIME PLOTTED => $TIME

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
06	Kin	198			

Rosa M Candiotti 9-6-07
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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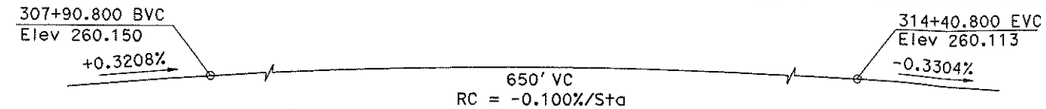
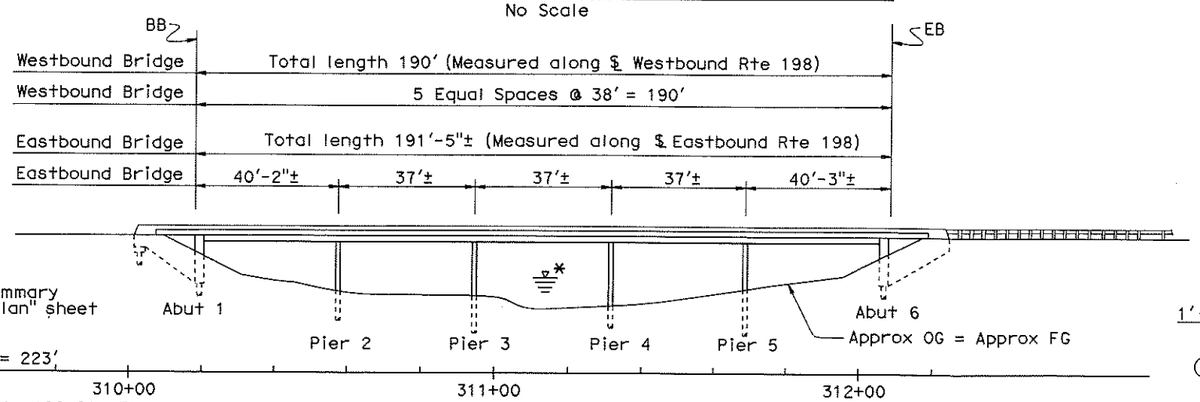
REGISTERED PROFESSIONAL ENGINEER Rosa Candiotti No. C64626 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

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



PROFILE GRADE- WESTBOUND ROUTE 198

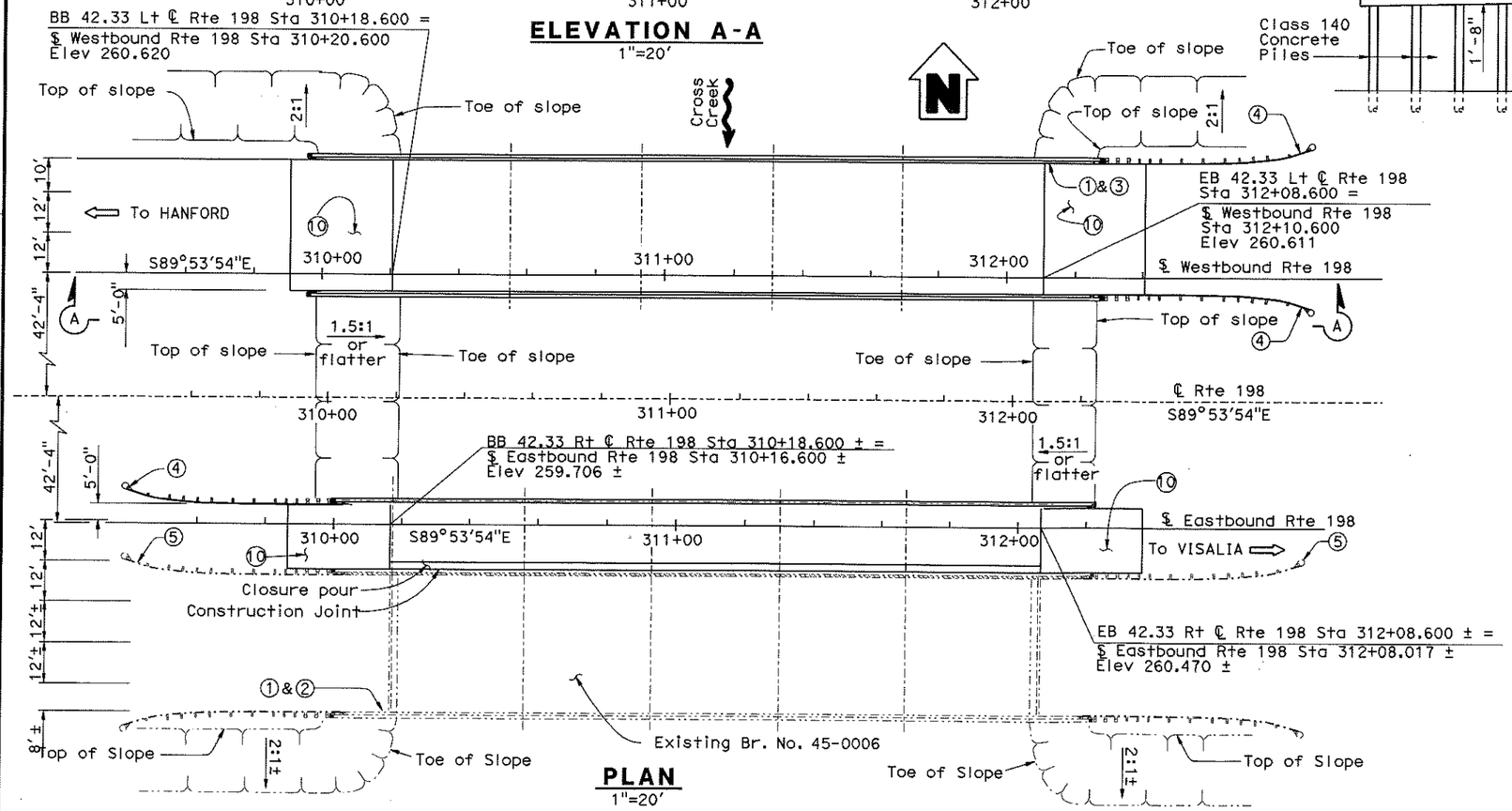
No Scale



NOTE:
* For Hydrologic summary see "Foundation Plan" sheet

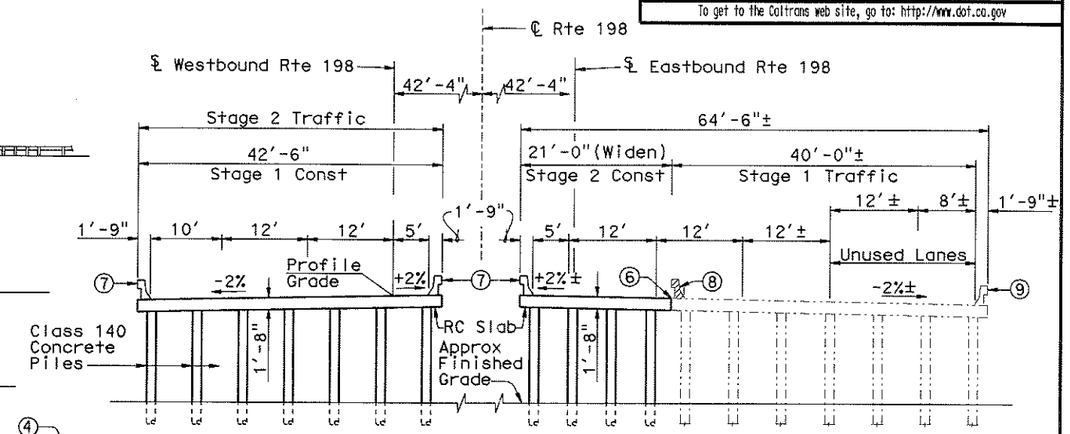
ELEVATION A-A

1"=20'



PLAN

1"=20'



TYPICAL SECTION

3/32"=1'

NOTES:

For General Notes, Pile Data Table and Index To Plans, see "Index To Plans" sheet.

Denotes existing structure

Denotes new construction

Denotes limits of removal of existing concrete

NOTES:

1. Paint "Cross Creek Bridge"
2. Paint "Bridge No. 45-0006R"
3. Paint 'Bridge No. 45-0006L"
4. MBGR - See "Road Plans"
5. Remove Existing MBGR - See "Road Plans"
6. Match Existing Grade and Cross Slope
7. Concrete Barrier Type 25
8. Existing Concrete Barrier Type 25 to be Removed
9. Existing Concrete Barrier Type 25 to Remain
10. Structure Approach Type N(30D)

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGN	BY R. Candiotti	CHECKED Louise Li/E. Viajar	LOAD & RESISTANCE FACTOR DESIGN	LIVE LOADING: HL93 W/"LOW-BOY"; PERMIT DESIGN VEHICLE	
DETAILS	BY D. Elliott	CHECKED R. Candiotti	LAYOUT	BY R. Candiotti	CHECKED Louise Li
QUANTITIES	BY R. Candiotti	CHECKED R. Hartzell	SPECIFICATIONS	BY J. Jiang	PLANS AND SPECS COMPARED J. Jiang

X
DESIGN ENGINEER

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
STRUCTURE DESIGN
DESIGN BRANCH 9

BRIDGE NO. 45-0006R/L
POST MILE 25.2

CROSS CREEK BRIDGE
GENERAL PLAN

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

CU 06
EA 3568U1

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES: 2-5-07 2-28-07 4-24-07 7-2-07 08-15-07

SHEET 1 OF 16

FILE => 45-0006rl-a-gp01.dgn

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REV.07-24-06)

USERNAME => delliott DATE PLOTTED => 15-JAN-2008 TIME PLOTTED => 10:07