Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	1	607

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN MERCED COUNTY
NEAR CHOWCHILLA
FROM CHOWCHILLA RIVER BRIDGE
TO BUCHANAN HOLLOW ROAD

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

INDEX OF PLANS

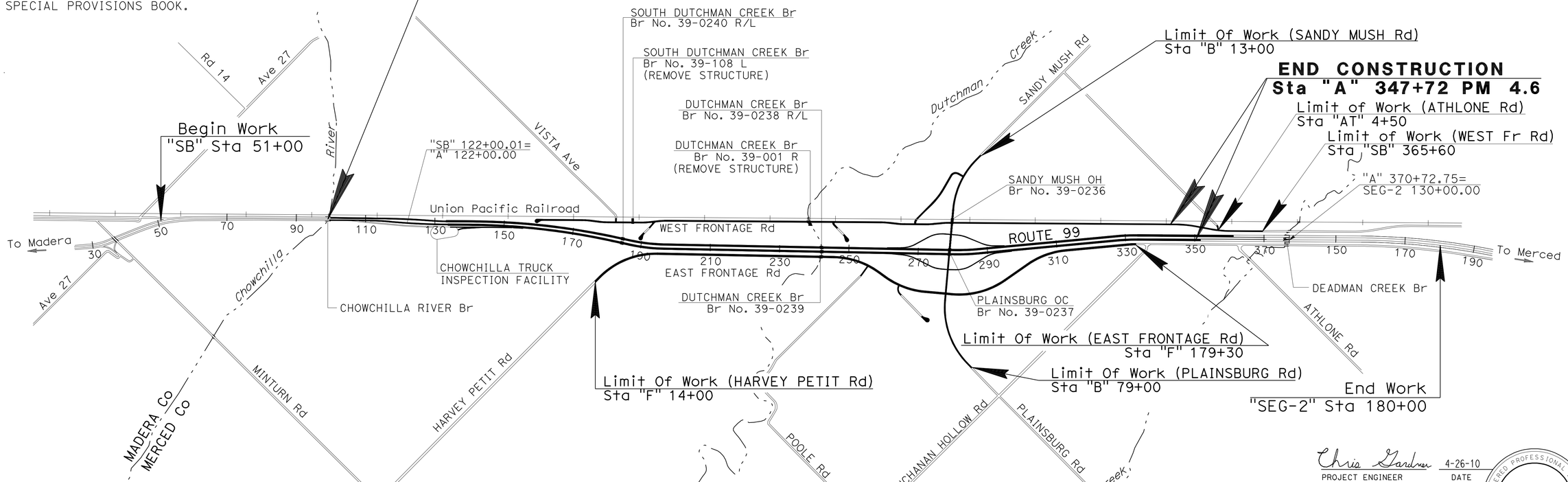
SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-10	TYPICAL CROSS SECTIONS
11	KEY MAP AND LINE INDEX
12-52	LAYOUTS
53-113	PROFILES AND SUPERELEVATION DIAGRAM
114-132	CONSTRUCTION DETAILS
133-173	DRAINAGE AND CONTOUR GRADING PLAN
174-235	DRAINAGE PROFILES, DETAILS AND QUANTITIES
236-269	UTILITY PLANS
270-271	CONSTRUCTION AREA SIGNS AND CONSTRUCTION PROJECT FUNDING IDENTIFICATION SIGN
272-280	STAGE CONSTRUCTION
281-326	TRAFFIC HANDLING PLANS AND DETOUR PLAN
321-326	TRAFFIC HANDALING QUANTITIES
327	DETOUR PLAN AND QUANTITIES
328-390	PAVEMENT DELINEATION PLANS AND SIGN PLANS, DETAILS AND QUANTITIES
391-400	SUMMARY OF QUANTITIES
401-446	ELECTRICAL PLANS
447-515	REVISED AND NEW STANDARD PLANS

STRUCTURE PLANS

516-525	CHOWCHILLA TRUCK INSPECTION FACILITY
526-545	SANDY MUSH OVERHEAD Br No, 39-0236
546-564	PLAINSBURG OVERCROSSING Vr. No. 39-0237
565-580	DUTCHMAN CREEK BRIDGE Br No. 39-0238 R/L
581-592	DUTCHMAN CREEK BRIDGE (EAST FRONTAGE ROAD) Br No. 39-0239
593-607	SOUTH DUTCHMAN CREEK BRIDGE Br No. 39-0240 R/L

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

LOCATION MAP



NO SCALE

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

PROJECT MANAGER: PETER JEMERIGBE

DESIGN ENGINEER: CHRISTOPHER L. GARDNER

Chris Gardner 4-26-10
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

November 1, 2010
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CONTRACT No.	10-415804
PROJECT ID	1000000431

LAST REVISION 04-22-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 12:00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	2	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

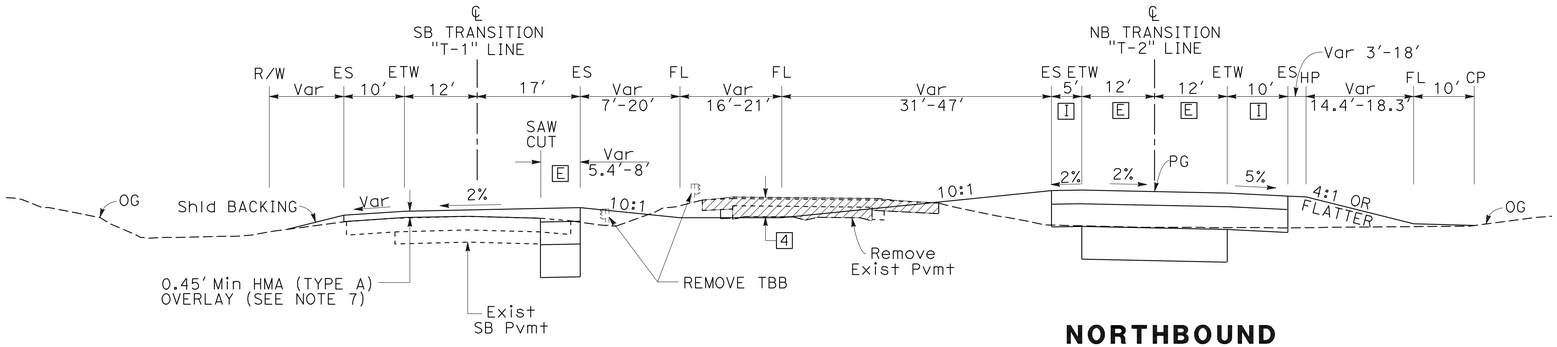
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
3. FOR LOCATION AND TYPE OF HMA DIKE, DTBB, CB, MBGR AND CURBS SEE LAYOUT SHEETS, SUMMARY OF QUANTITIES, AND CONSTRUCTION DETAIL SHEETS.
4. SEE LAYOUT SHEETS FOR LOCATION OF FENCE AND MBGR.
5. SEE CONSTRUCTION DETAIL SHEETS AND SUMMARY OF QUANTITIES FOR RUMBLE STRIP.
6. SEE DRAINAGE SHEETS FOR EARTH GUTTER DETAILS.
7. CROSS SLOPE CORRECTION "SB" LINE FROM Sta 108+25.00 TO 118+50.00 AND "T-1" LINE FROM Sta 18+50.00 TO 30+00.00.
8. LONGITUDINAL CONTRACTION JOINT AT ETW.

DESIGN DESIGNATION

ADT (2033)	71,900
DHV (2033)	7,000
D	55%
T	19%

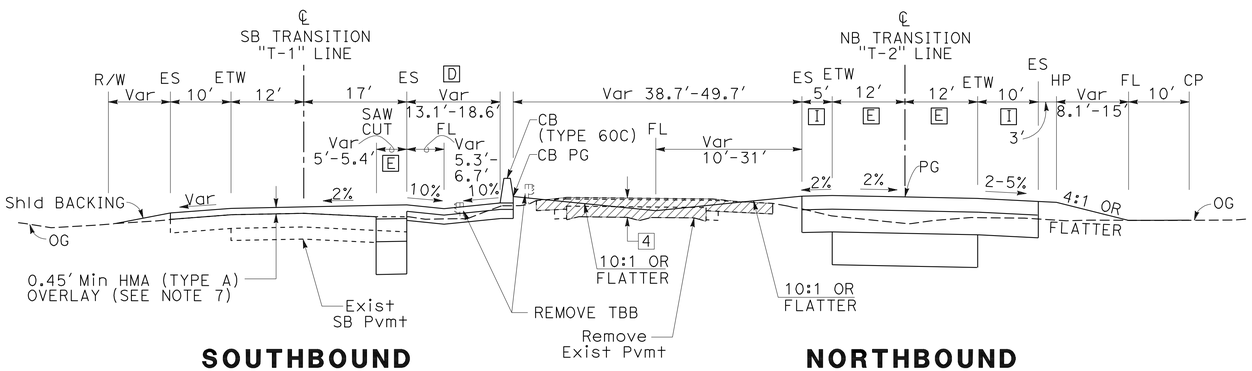
LEGEND:

REMOVE Exist Pvmt (Rdwy Exc)



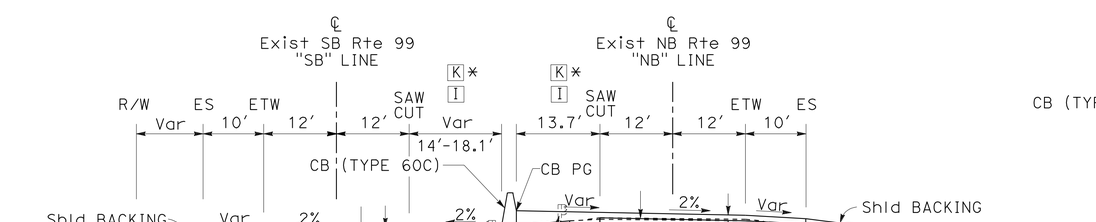
SOUTHBOUND
Sta "T-1" 19+75.23 TO 22+00.02

NORTHBOUND
Sta "T-2" 19+71.79 TO 22+02.21



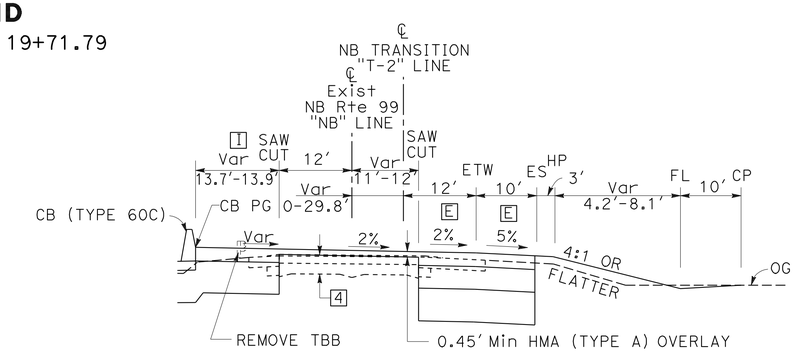
SOUTHBOUND
Sta "T-1" 18+50.00 TO 19+75.23

NORTHBOUND
Sta "T-2" 17+30.48 TO 19+71.79



SOUTHBOUND
Sta "SB" 99+96.20 TO 118+50.00
* Sta "SB" 99+96.20 TO 101+00.00

NORTHBOUND
Sta "NB" 99+79.10 TO 111+24.80
* Sta "NB" 99+79.10 TO 101+00.00



NORTHBOUND
Sta "T-2" 11+24.80 TO 17+30.48
Sta "NB" 111+24.80 TO 117+29.53

STRUCTURAL SECTION

[A] 1.15′ JPCP
0.25′ HMA (TYPE A)
0.70′ CI 4 AS
0.65′ LTS

[B] 0.85′ JPCP
0.25′ HMA (TYPE A)
0.50′ CI 4 AS
0.65′ LTS

[C] 0.50′ HMA (TYPE A)
0.80′ CI 2 AB
1.10′ CI 4 AS

[D] 0.35′ HMA (TYPE A)
0.50′ CI 2 AB

[E] 0.75′ HMA (TYPE A)
1.25′ CI 2 AB
1.80′ CI 4 AS

[F] 1.00′ CI 2 AB

[G] 0.40′ HMA (TYPE A)
1.35′ CI 2 AB

[H] 0.20′ HMA (TYPE A)
0.80′ CI 2 AB

[I] 0.75′ HMA (TYPE A)
1.25′ CI 2 AB

[J] 0.30′ HMA (TYPE A)
1.00′ CI 2 AB

[K] 1.20′ HMA (TYPE A)

Exist STRUCTURAL SECTION

"R-1" LINE Sta 12+62 TO 53+00
[1] 0.85′ PCC
0.5′ ACB
0.7′ AS

"R-4" LINE Sta 40+17 TO 45+54
[2] 0.45′ HMA
0.7′ AB
0.9′ AS

"SB" LINE Sta 99+92 TO 346+50
"SB" LINE Sta 356+50 TO 364+60
"SB" & "NB" LINE SHOULDERS
[3] 0.7′-1.0′ HMA
Var AB

"NB" LINE Sta 99+79 TO 226+14
[4] 0.08′ RHMA-O
0.4′ HMA
0.58′-0.75′ PCC

"NB" LINE Sta 226+14 TO 337+61
[5] 0.25′ HMA
PRF
0.1′ HMA
0.67′ CRACKED PCC SLAB
0.33′ CTB

TYPICAL CROSS SECTIONS

NO SCALE

X-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 06-DESIGN
FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY / DATE REVISED

LAST REVISION 04-26-10 | DATE PLOTTED => 16-JUN-2011 | TIME PLOTTED => 05:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	3	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

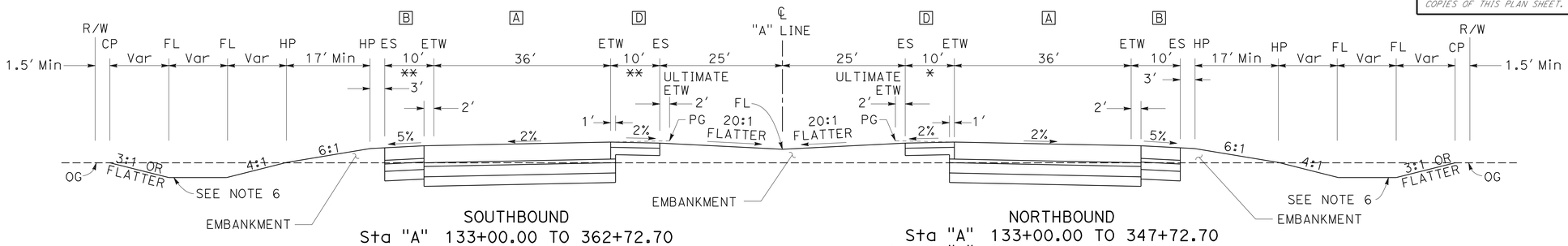
REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

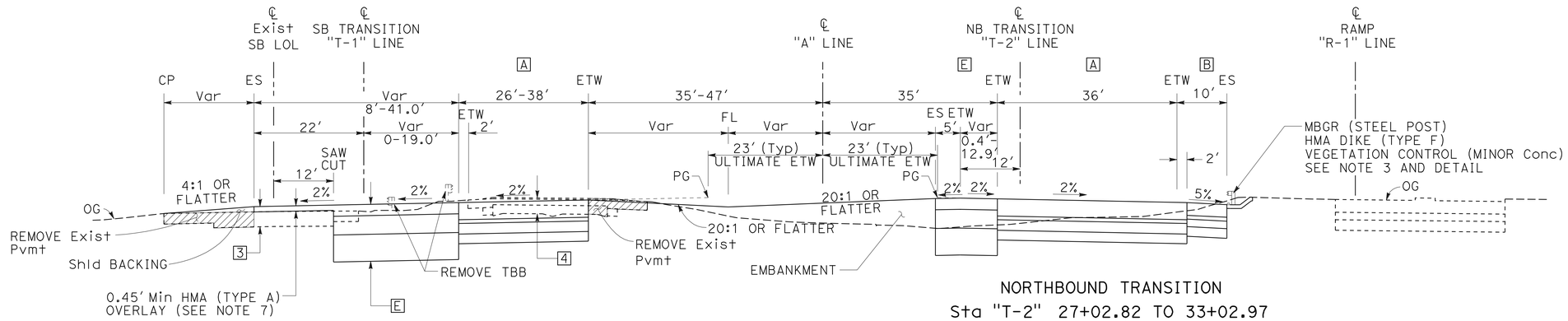
* CONSTRUCT INSIDE SHOULDER ONLY.

** CONSTRUCT INSIDE AND OUTSIDE SHOULDERS ONLY.



SOUTHBOUND
Sta "A" 133+00.00 TO 362+72.70
** Sta "A" 362+72.70 TO 370+22.70

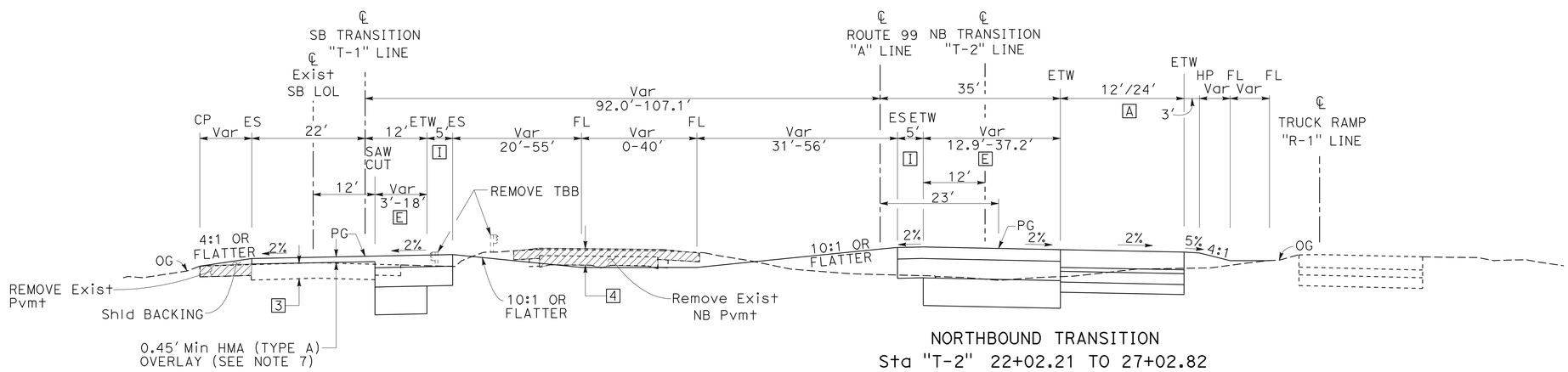
NORTHBOUND
Sta "A" 133+00.00 TO 347+72.70
* Sta "A" 347+72.70 TO 370+72.75



SOUTHBOUND TRANSITION
Sta "T-1" 27+00.26 TO 33+01.23

Sta "A" 127+00.00 TO 133+00.00

NORTHBOUND TRANSITION
Sta "T-2" 27+02.82 TO 33+02.97



SOUTHBOUND TRANSITION
Sta "T-1" 22+00.02 TO 27+00.26

ROUTE 99
Sta "A" 122+00.00 TO 127+00.00

NORTHBOUND TRANSITION
Sta "T-2" 22+02.21 TO 27+02.82

TYPICAL CROSS SECTIONS

NO SCALE

X-2

REVISED BY	DATE REVISED
CHRIS GARDNER	ANONH SENGMANY
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:27

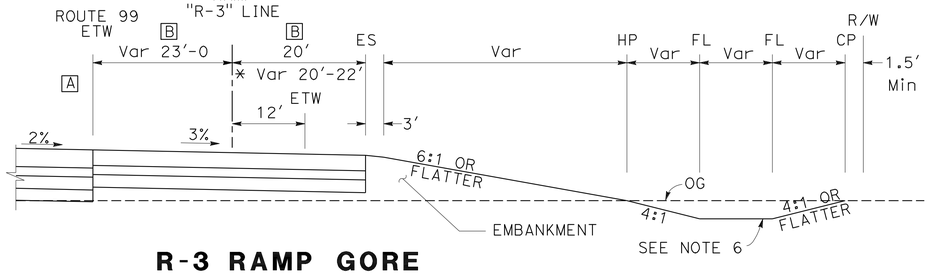
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	4	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

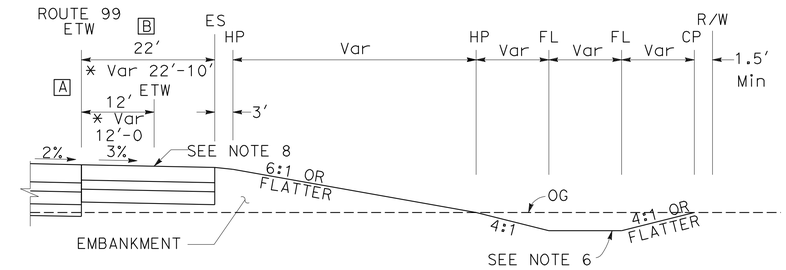
REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



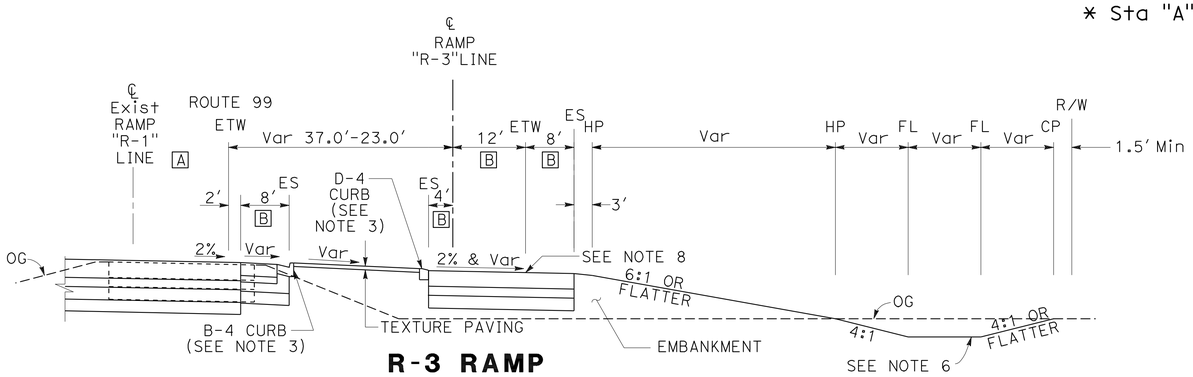
R-3 RAMP GORE

Sta "R-3" 51+63.43 TO 58+39.23
* Sta "R-3" 57+38.89 TO 58+39.23



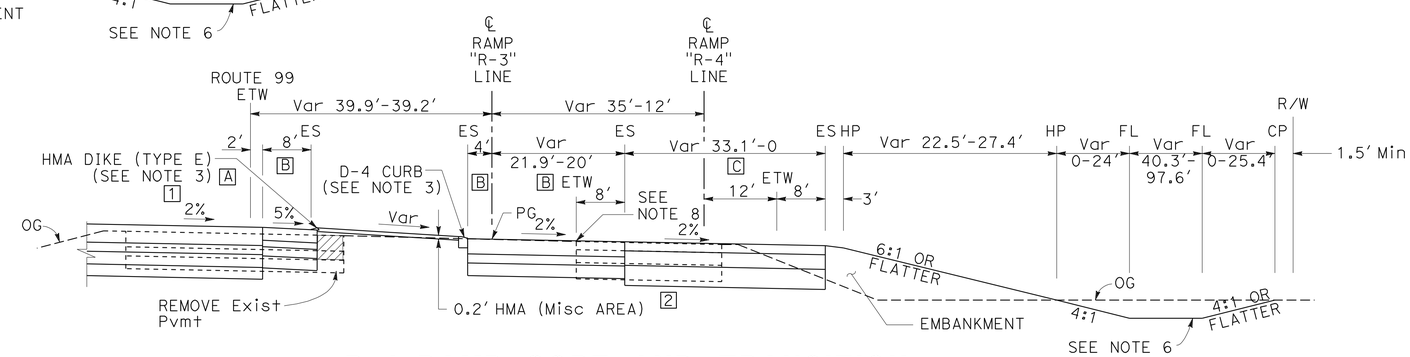
R-3 RAMP AUXILARY LANE AND LANE DROP

Sta "A" 155+38.34 TO 166+50.0
* Sta "A" 160+50.00 TO 166+50.0



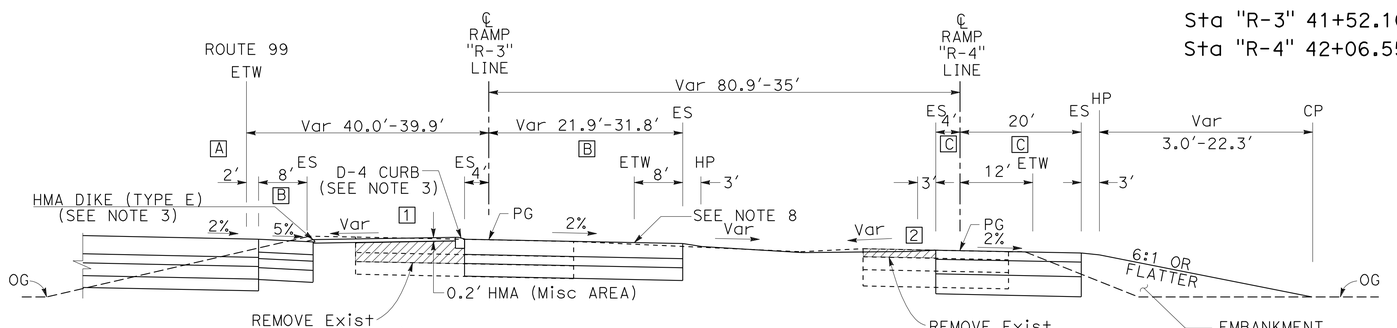
R-3 RAMP

Sta "R-3" 46+82.43 TO 51+63.43



R-4 RAMP GORE AND TRANSITION

Sta "R-3" 41+52.10 TO 46+82.43
Sta "R-4" 42+06.55 TO 45+54.90



WEIGH STATION ON-RAMPS

Sta "R-3" 39+17.58 TO 41+52.10
Sta "R-4" 40+17.84 TO 42+06.55

TYPICAL CROSS SECTIONS

NO SCALE

X-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:06

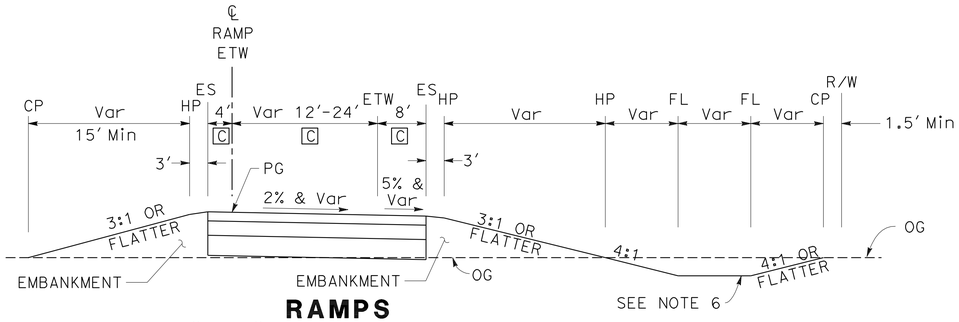
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	5	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

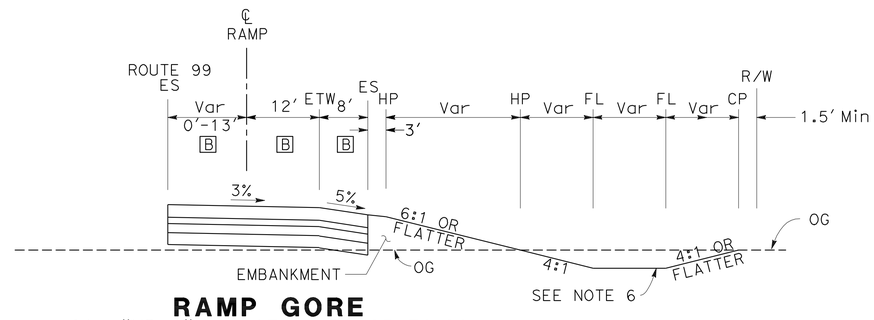
REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



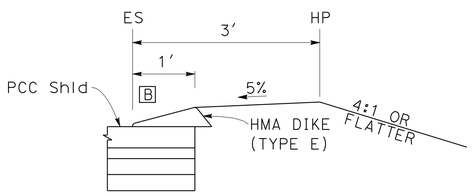
RAMPS

Sta "NR-1" 65+70.98 TO 79+52.06
Sta "NR-2" 77+65.71 TO 91+57.55
Sta "SR-1" 79+91.46 TO 92+29.02
Sta "SR-2" 66+42.45 TO 79+34.27



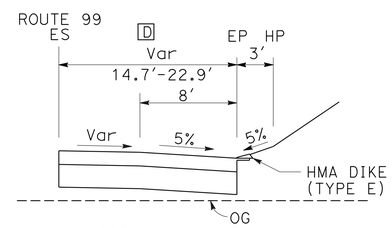
RAMP GORE

Sta "NR-1" 64+17.82 TO 65+70.98
Sta "NR-2" 91+57.55 TO 92+93.78
Sta "SR-1" 92+29.02 TO 93+82.18
Sta "SR-2" 65+06.22 TO 66+42.45



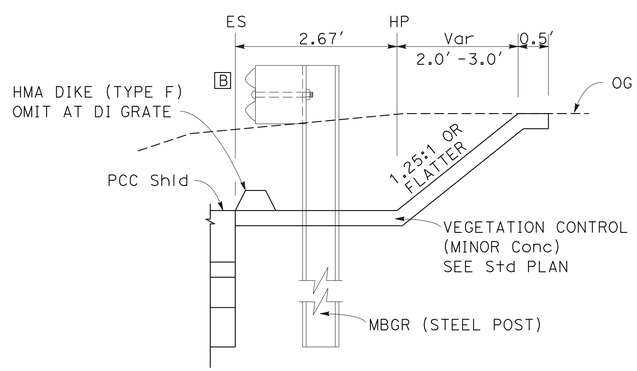
HMA DIKE (TYPE E) DETAIL

(SEE NOTE 3)



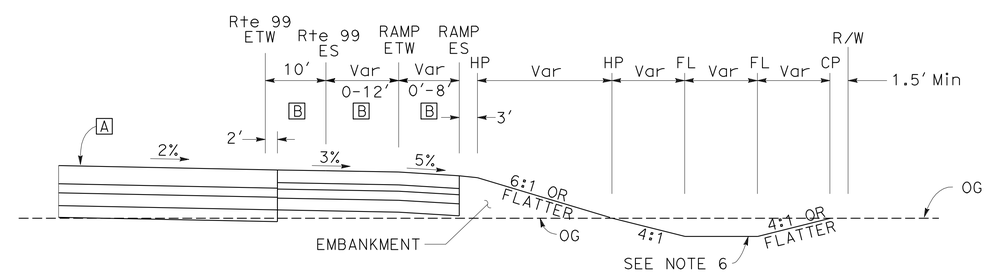
HMA PAD

NB Sta "A" 277+90.00 TO 279+80.00
SB Sta "A" 278+15.00 TO 280+15.00



MBGR (STEEL POST)
HMA DIKE (TYPE F)
VEGETATION CONTROL (MINOR Conc)
DETAIL

NB Sta "A" 127+50.00 TO 137+00.00



RAMP TRANSITION

SR-1 AND SR-2	NR-1 AND NR-2
Sta "A" 255+99.80 TO 265+06.08	Sta "A" 261+81.76 TO 264+17.39
Sta "A" 293+82.61 TO 296+18.24	Sta "A" 292+93.92 TO 302+00.10

TYPICAL CROSS SECTIONS

NO SCALE

X-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN
FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:06

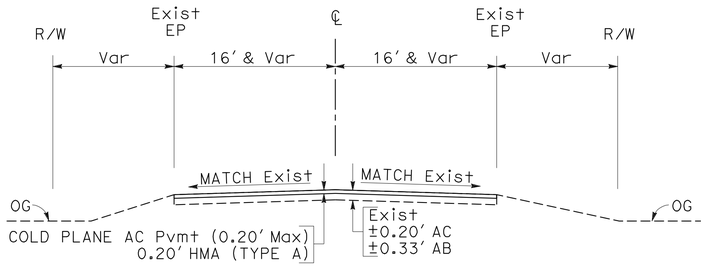
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	6	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PLAINSBURG ROAD

Sta "P-2" 247+30.00 TO 252+05.60
Sta "P-3" 33+00.00 TO 33+50.00

SANDY MUSH ROAD

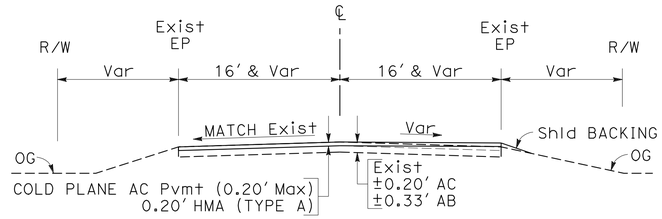
Sta "C" 37+90.5 TO 39+59.10

SANDY MUSH/PLAINSBURG ROAD

Sta "B" 78+80.00 TO 79+00.00

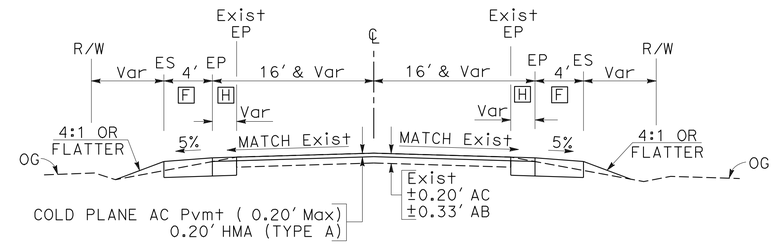
VISTA AVENUE

Sta "V" 19+60.55 TO 19+88.64



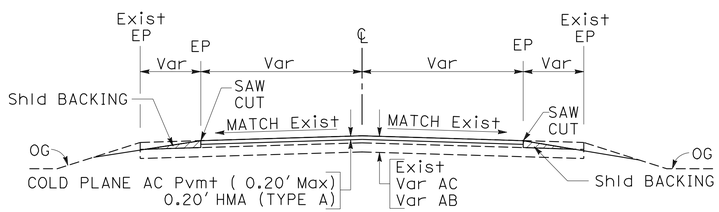
PLAINSBURG ROAD

Sta "B" 77+30.00 TO 79+00
Sta "P-3" 32+00.00 TO 33+00.00



SANDY MUSH ROAD

Sta "C" 35+55.00 TO 37+90.05



VISTA AVENUE

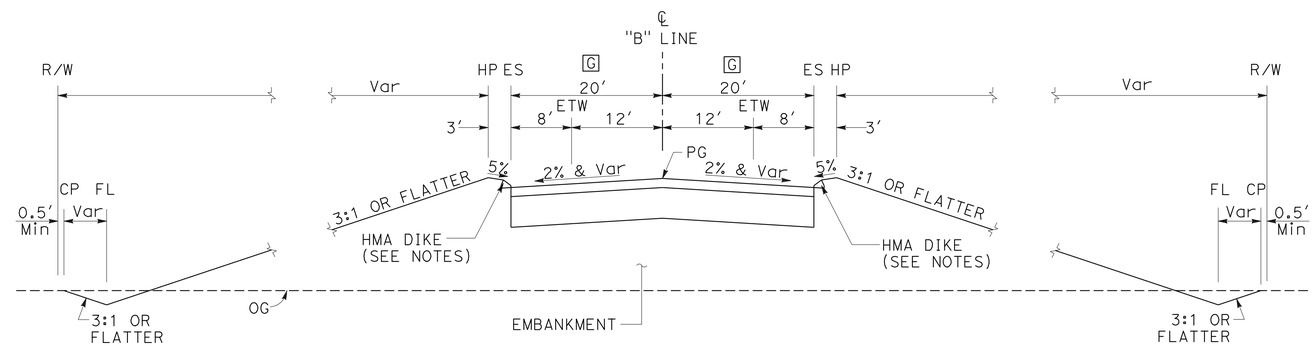
Sta "V" 19+88.64 TO 20+43.09

PLAINSBURG ROAD

Sta "P-2" 245+44.00 TO 247+30.00

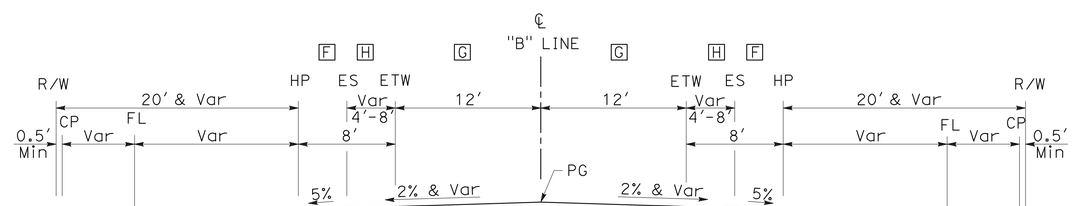
ATHLONE ROAD

Sta "AT" 4+50.00 TO 6+11.67



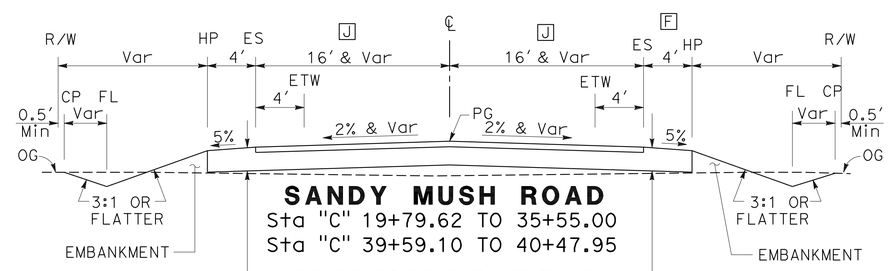
SANDY MUSH/PLAINSBURG ROAD

Sta "B" 35+65.00 TO 42+00.00
Sta "B" 44+56.00 TO 56+20.00



SANDY MUSH/PLAINSBURG ROAD

Sta "B" 13+00.00 TO 33+05.00
Sta "B" 56+20.00 TO 77+30.00



SANDY MUSH ROAD

Sta "C" 19+79.62 TO 35+55.00
Sta "C" 39+59.10 TO 40+47.95

PLAINSBURG ROAD

Sta "P-3" 28+71.17 TO 32+00.00

HARVEY PETTIT

Sta "HP-2" 92+67.00 TO 93+39.28

TYPICAL CROSS SECTIONS

NO SCALE

X-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:06

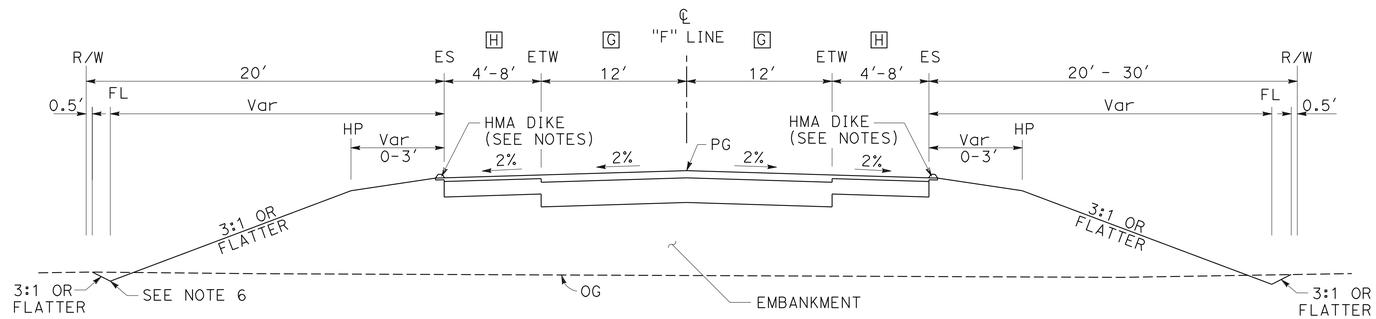
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	7	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

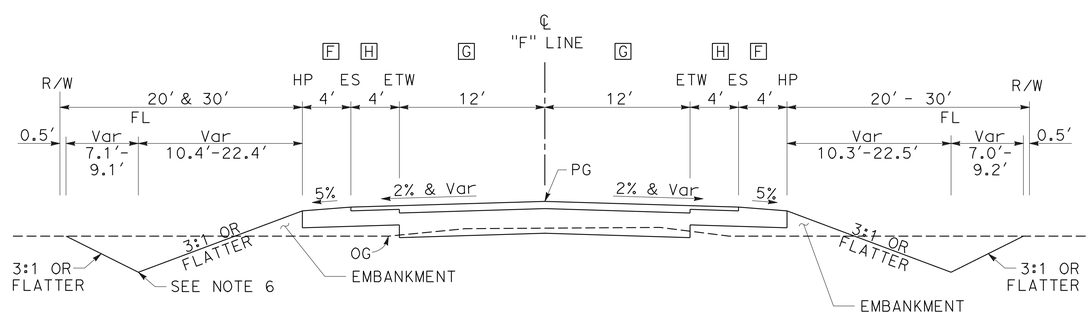
REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



EAST FRONTAGE ROAD

Sta "F" 78+50.00 TO 82+14.00
Sta "F" 83+12.00 TO 86+00.00



EAST FRONTAGE ROAD

Sta "F" 14+00.00 TO 78+50.00
Sta "F" 86+00.00 TO 179+29.78

TYPICAL CROSS SECTIONS

NO SCALE

X-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:06

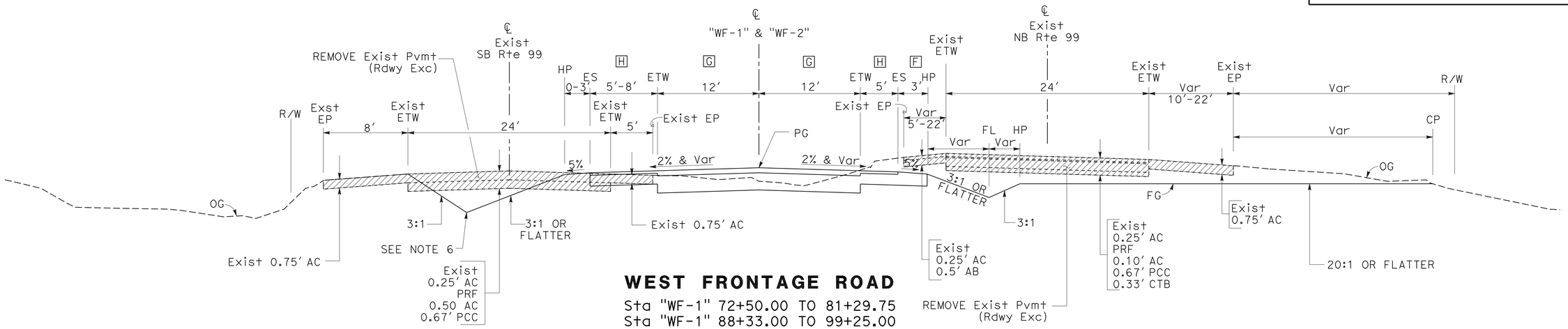
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	8	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

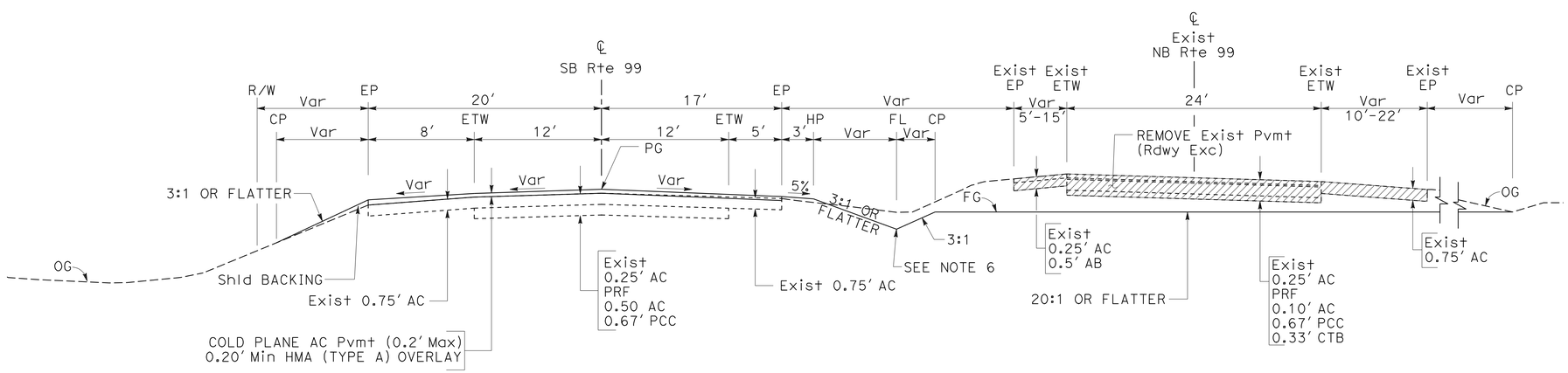
REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



WEST FRONTAGE ROAD

Sta "WF-1" 72+50.00 TO 81+29.75
Sta "WF-1" 88+33.00 TO 99+25.00
Sta "WF-2" 57+00.00 TO 80+00.00



WEST FRONTAGE ROAD

Sta "WF-2" 56+00.00 TO 57+00.00
Sta "WF-2" 80+00.00 TO 81+00.00

TYPICAL CROSS SECTIONS

NO SCALE **X-7**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:06

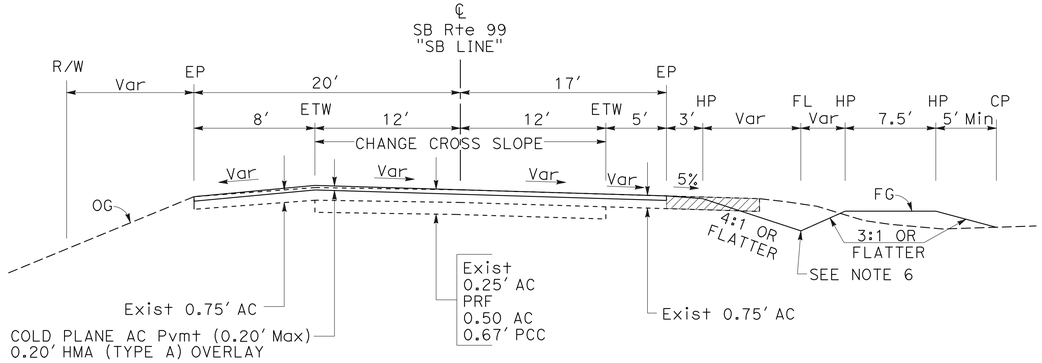
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	9	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

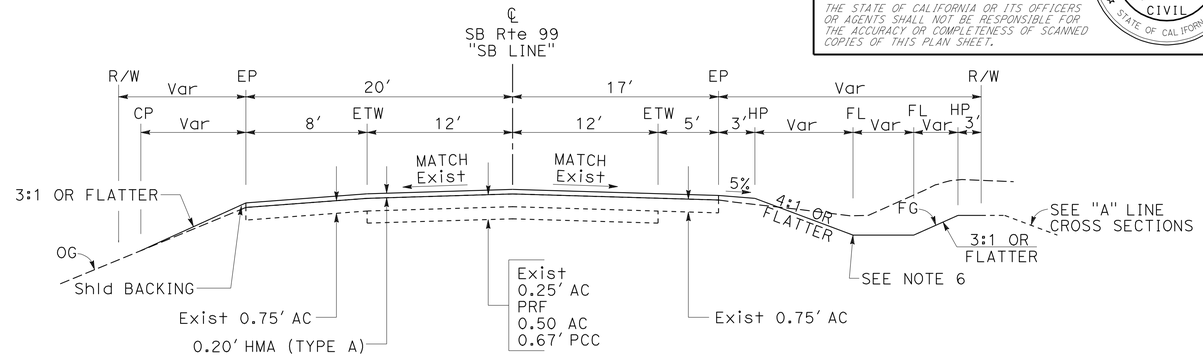
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

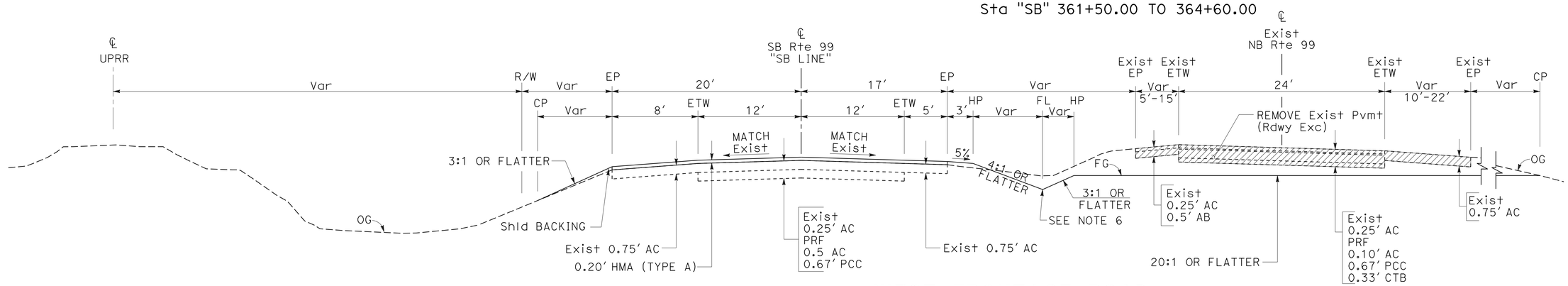
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



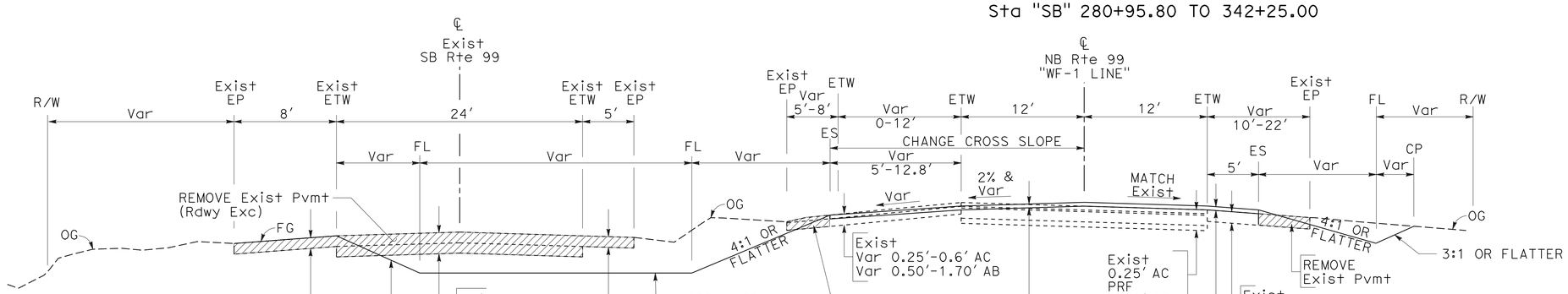
WEST FRONTAGE ROAD
Sta "SB" 342+25.00 TO 361+50.00



WEST FRONTAGE ROAD
Sta "SB" 361+50.00 TO 364+60.00



WEST FRONTAGE ROAD
Sta "SB" 199+19.64 TO 256+00.00
Sta "SB" 280+95.80 TO 342+25.00



WEST FRONTAGE ROAD
Sta "WF-1" 81+29.75 TO 86+78.00
Sta "WF-1" 87+38.00 TO 88+33.00

TYPICAL CROSS SECTIONS

NO SCALE

X-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: ANONH SENGMANY
CHECKED BY: CHRIS GARDNER
REVISED BY
DATE REVISED

LAST REVISION: 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:07

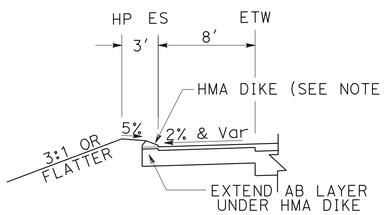
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	10	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

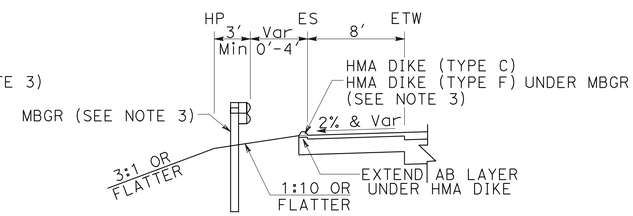
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

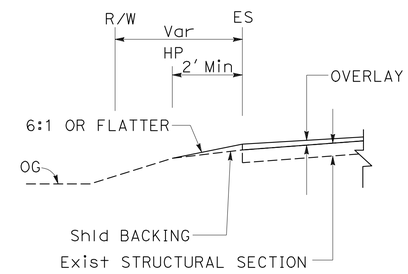
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



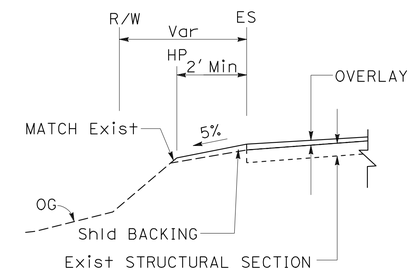
HMA DIKE (TYPE E) ON LOCAL ROADS



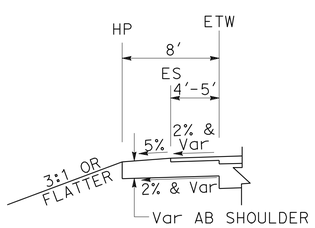
HMA DIKE (TYPE C & F) ON LOCAL ROADS



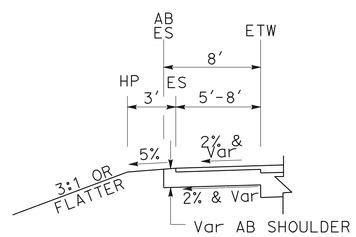
SHOULDER BACKING



SHOULDER BACKING
SLOPE STEEPER THAN 6:1



AB SHOULDER ON LOCAL ROADS
AC SHOULDER WIDTH LESS THAN 5′



AB SHOULDER ON LOCAL ROADS
AC SHOULDER WIDTH GREATER THAN 5′

TYPICAL CROSS SECTIONS

NO SCALE

X-9

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:07

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	11	607

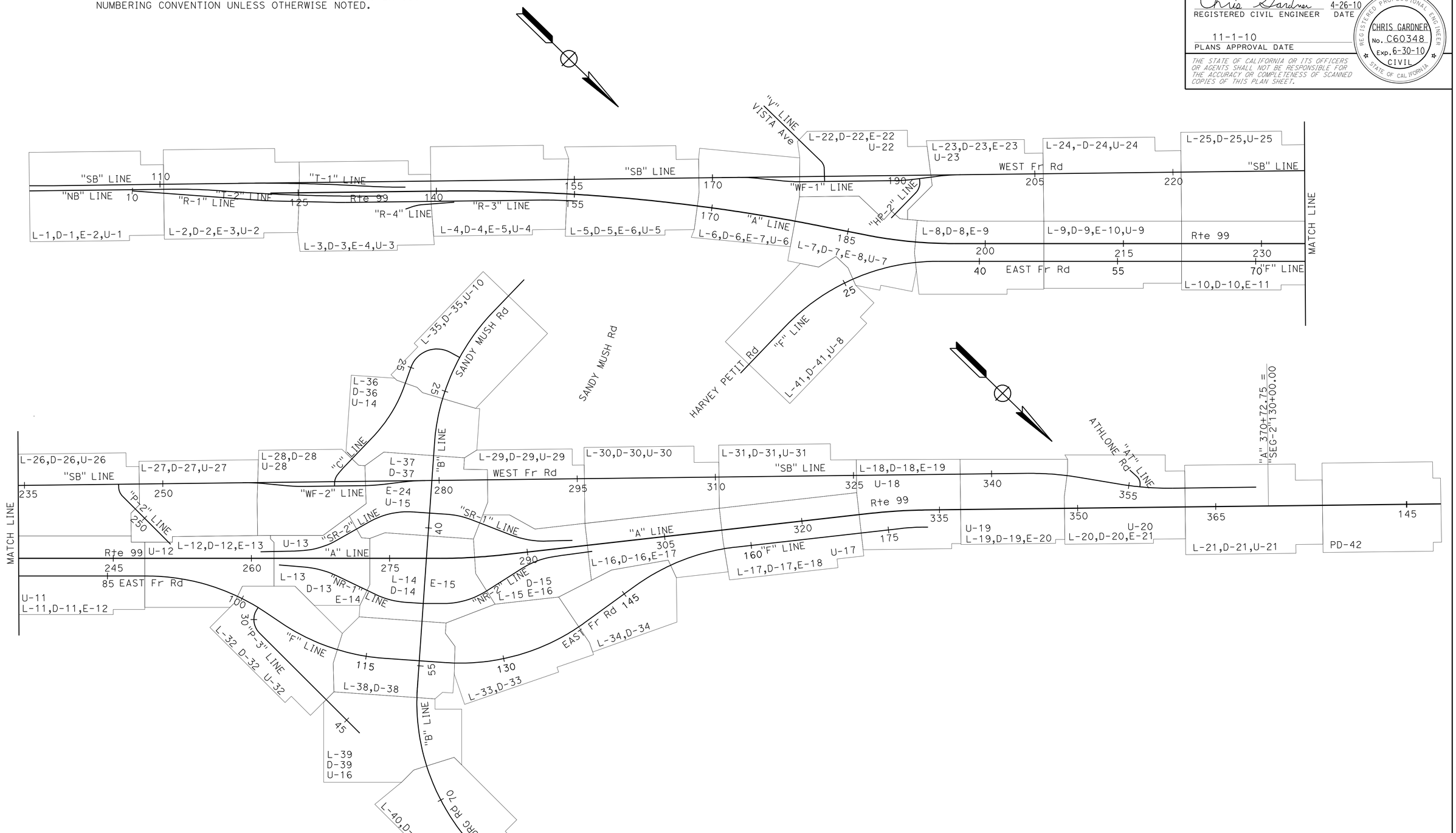
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
PAVEMENT DELINEATION AND SIGN PLAN SIMILAR TO LAYOUT NUMBERING CONVENTION UNLESS OTHERWISE NOTED.



KEY MAP AND LINE INDEX

NO SCALE

K-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION | DATE PLOTTED => 03-NOV-2010
04-26-10 | TIME PLOTTED => 11:07

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmartin
DGN FILE => a41580da001.dgn
CU 06254
EA 415801

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	12	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

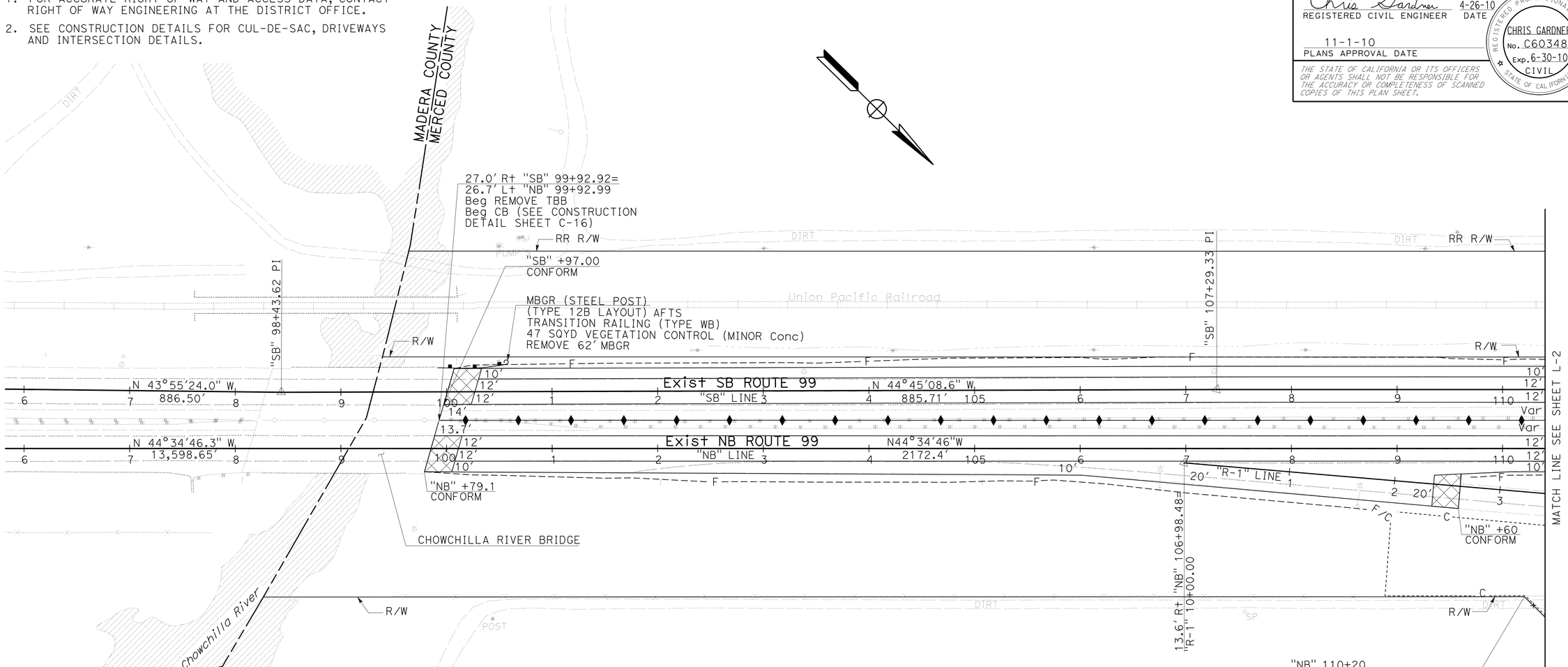
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. SEE CONSTRUCTION DETAILS FOR CUL-DE-SAC, DRIVEWAYS AND INTERSECTION DETAILS.



LEGEND:

- OBLITERATE SURFACING
- REMOVE BASE AND SURFACING
- COLD PLANE AC Pvmt (0.20' Max)
- MINOR CONCRETE (TEXTURED PAVING)
- PLACE HMA (Misc AREA)
- TEMPORARY FENCE (TYPE ESA)
- DIRECTION OF TRAVEL

ABBREVIATIONS:

AITS - ALTERNATIVE IN-LINE TERMINAL SYSTEM
AFTS - ALTERNATIVE FLARED TERMINAL SYSTEM
F/C - CHANGE FROM TOE OF SLOPE TO TOP OF CUT
MVP - MAINTENANCE VEHICLE PULLOUT

LAYOUT

SCALE: 1" = 50' **L-1**

REVISED BY | DATE REVISED
CHRIS GARDNER | ANONH SENGMANY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	13	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

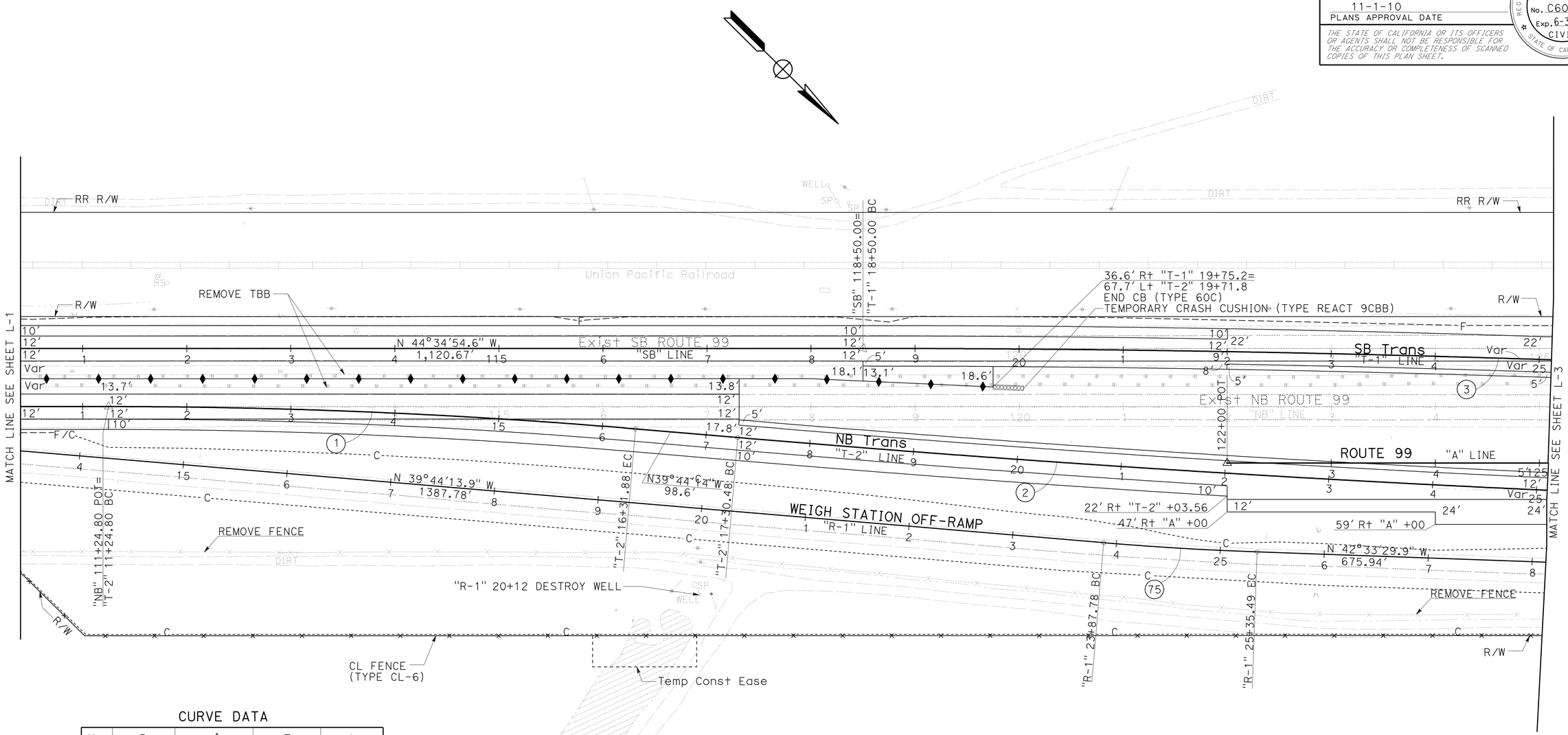
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
1	6000'	4°50'32.3"	253.69'	507.08'
2	20,000'	4°50'46.0"	846.31'	1691.61'
3	20,000'	3°42'45.0"	648.18'	1295.91'
75	3000'	2°49'16.0"	73.87'	147.71'

LAYOUT

SCALE: 1" = 50'

L-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 10-FEB-2012
TIME PLOTTED => 11:24

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	14	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

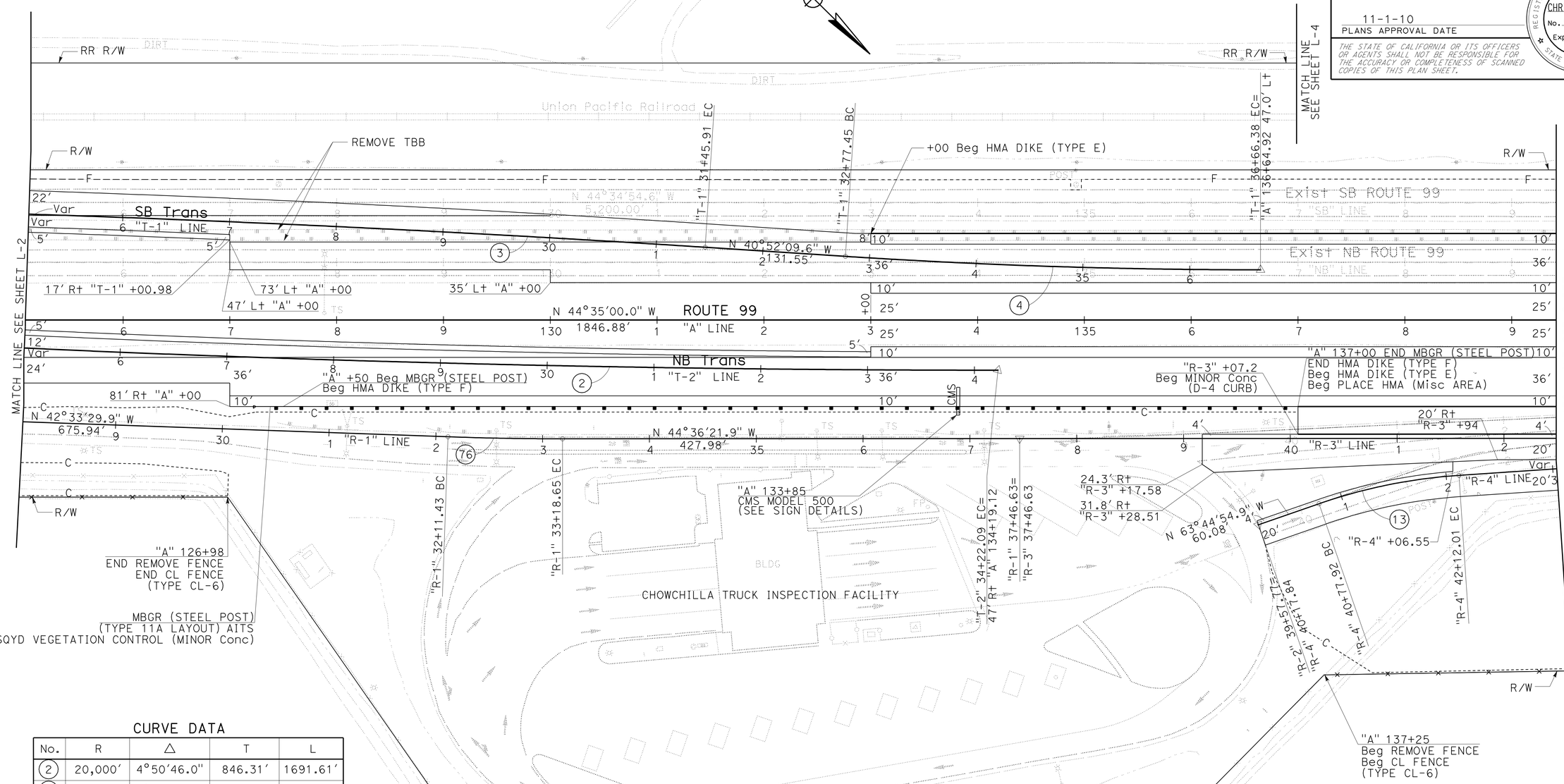
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
2	20,000′	4°50′46.0″	846.31′	1691.61′
3	20,000′	3°42′45.0″	648.18′	1295.91′
4	6000′	3°42′50.4″	194.53′	388.93′
13	500′	15°21′56.0″	67.45′	134.09′
76	3000′	2°02′52.0″	53.62′	107.22′

LAYOUT

SCALE: 1" = 50′ **L-3**

REVISED BY | DATE REVISED
CHRIS GARDNER | ANONH SENGMANY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR | BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:07

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	15	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

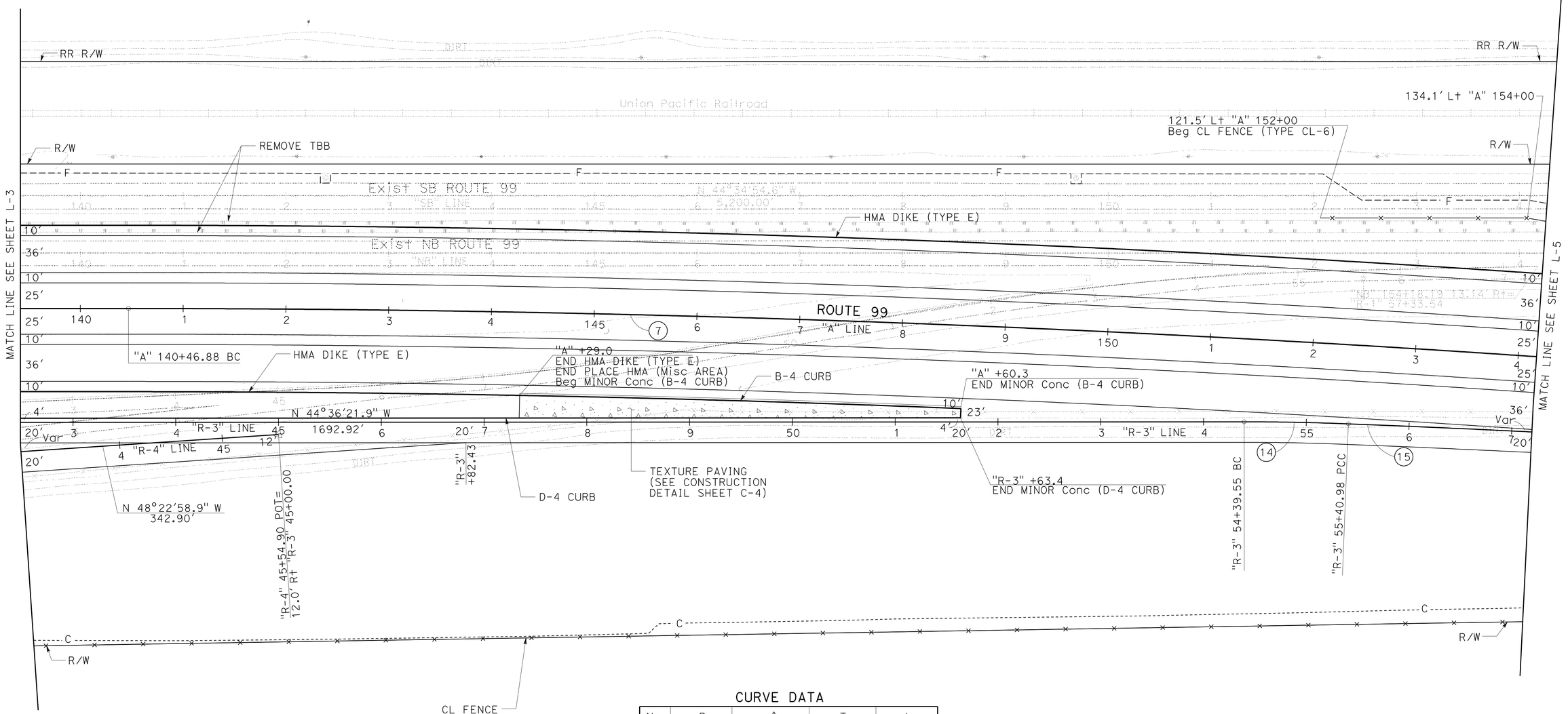
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
7	20,000'	11°55'30.0"	2088.85	4162.61'
14	2533.54'	2°17'37.6"	50.72'	101.43'
15	19,933'	0°51'26.3"	149.13'	298.25'

LAYOUT

SCALE: 1" = 50'

L-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:07

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	16	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

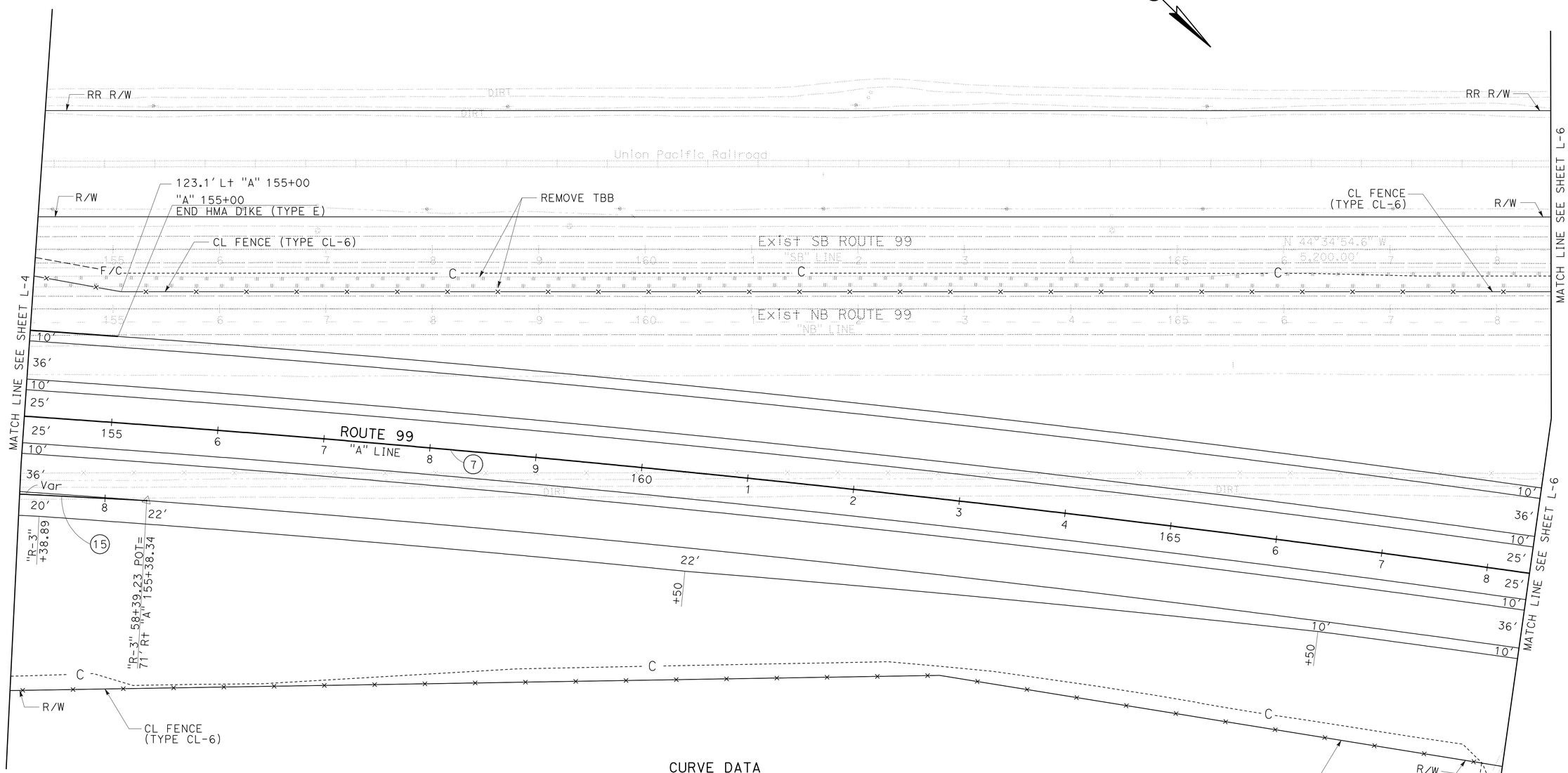
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
7	20,000'	11°55'30.0"	2088.85'	4162.61'
15	19,933'	0°51'26.3"	149.13'	298.25'

LAYOUT

SCALE: 1" = 50'

L-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:07

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmartin
DGN FILE => a41580ea005.dgn
CU 06254
EA 415801

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	17	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

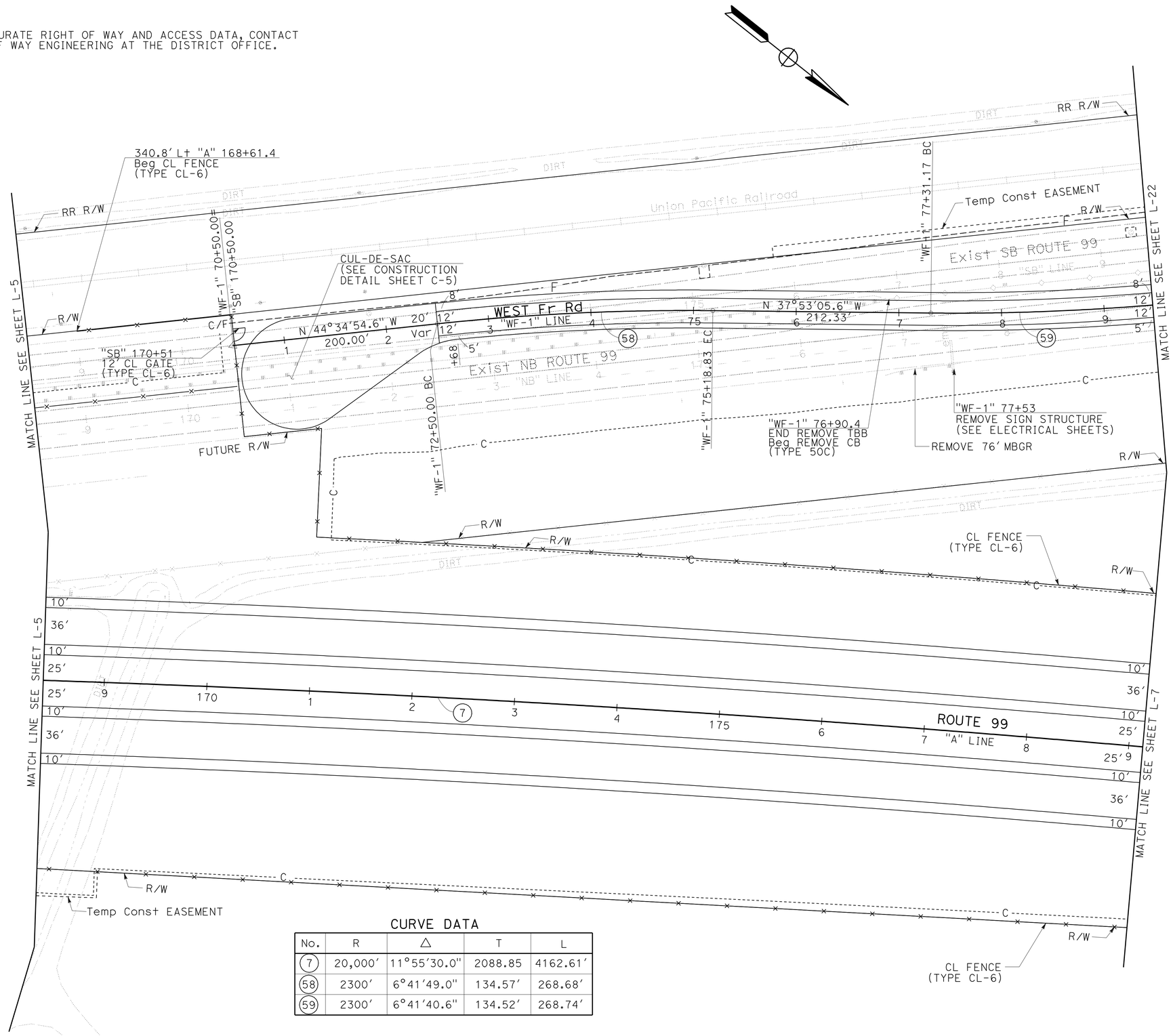
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
7	20,000'	11°55'30.0"	2088.85	4162.61'
58	2300'	6°41'49.0"	134.57'	268.68'
59	2300'	6°41'40.6"	134.52'	268.74'

LAYOUT

SCALE: 1" = 50'

L-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:07

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmartin
DGN FILE => a41580ea006.dgn
CU 06254
EA 415801

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	18	607

Chris Gardner 06-28-10
REGISTERED CIVIL ENGINEER DATE

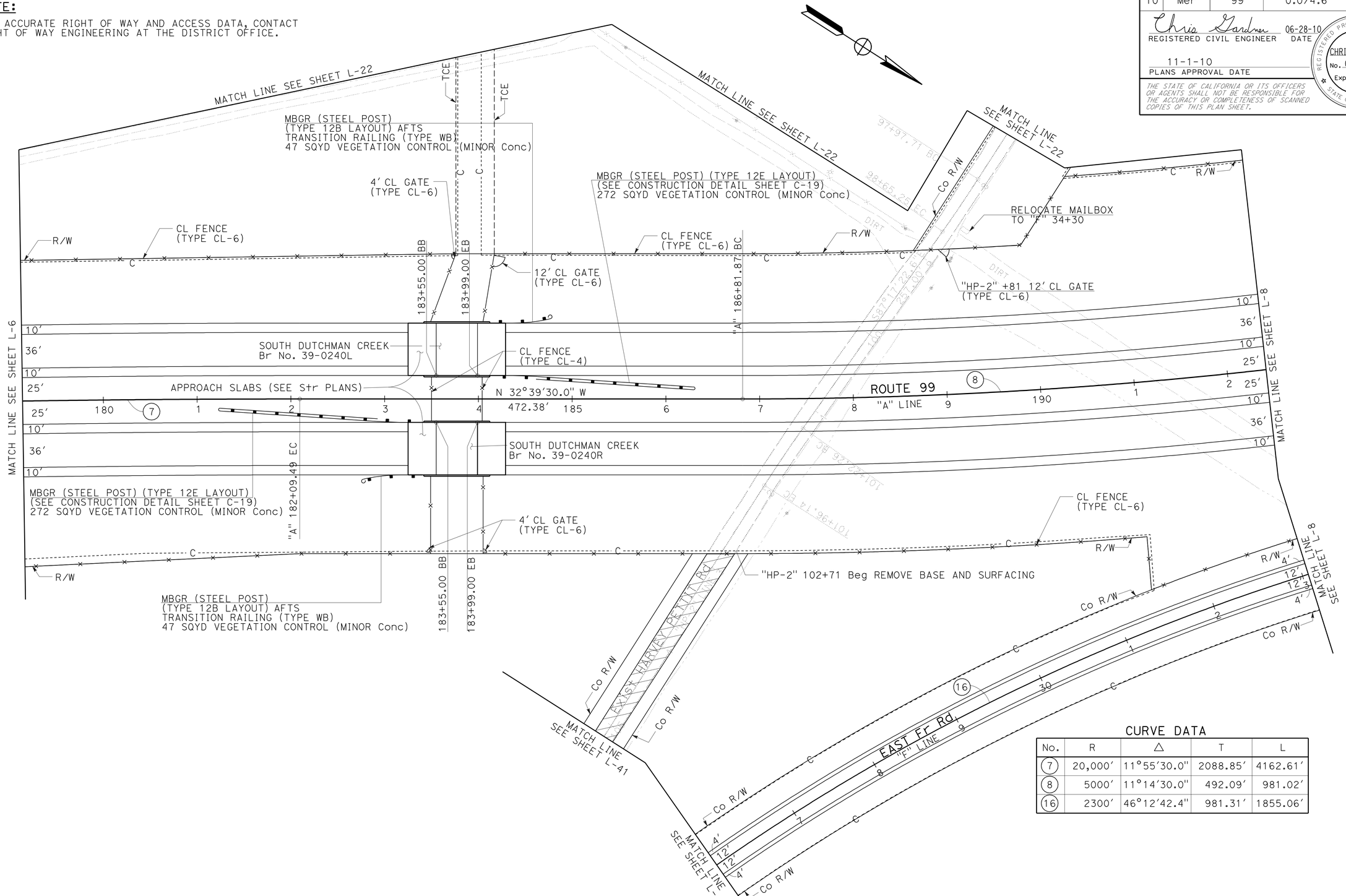
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
7	20,000′	11°55′30.0"	2088.85′	4162.61′
8	5000′	11°14′30.0"	492.09′	981.02′
16	2300′	46°12′42.4"	981.31′	1855.06′

LAYOUT

SCALE: 1" = 50′

L-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 06-28-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:07

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	19	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

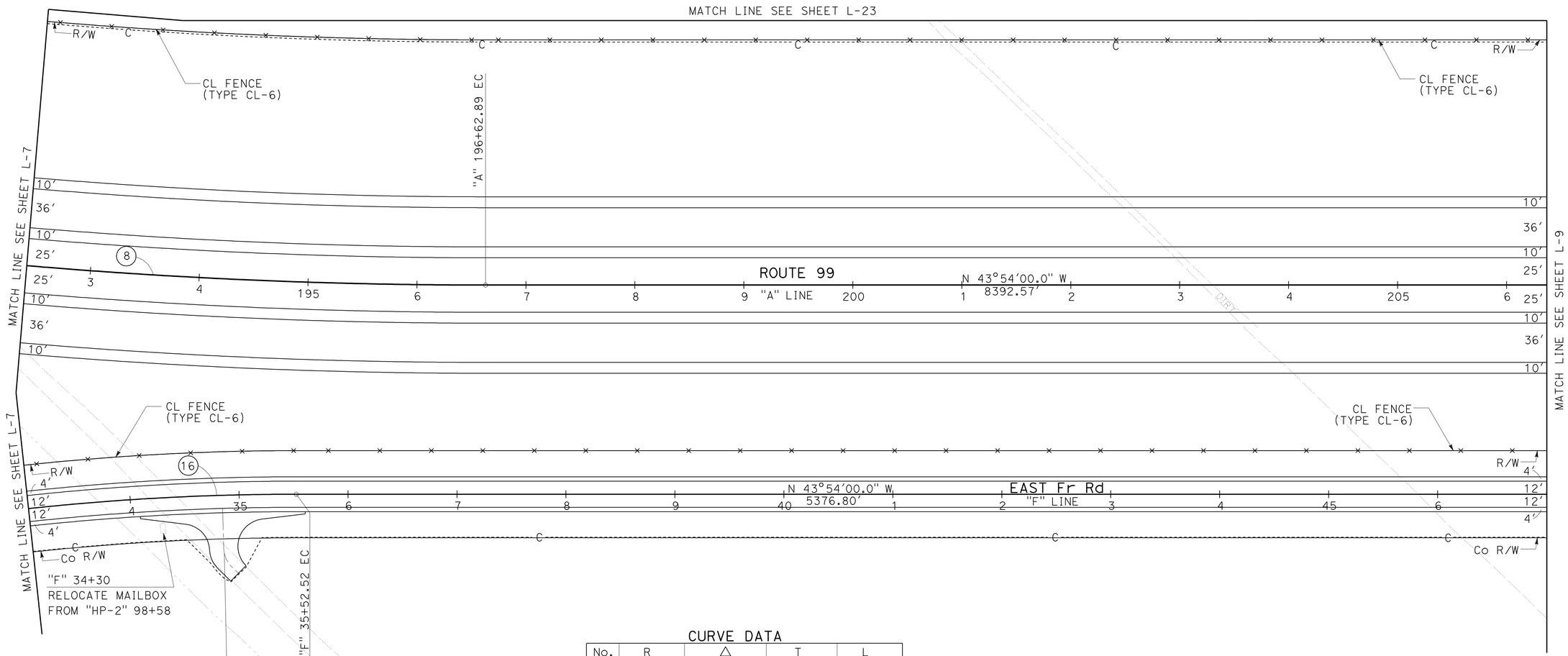
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
8	5000'	11°14'30.0"	492.09'	981.02'
16	2300'	46°12'42.4"	981.31'	1855.06'

LAYOUT

SCALE: 1" = 50'

L-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:08

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	20	607

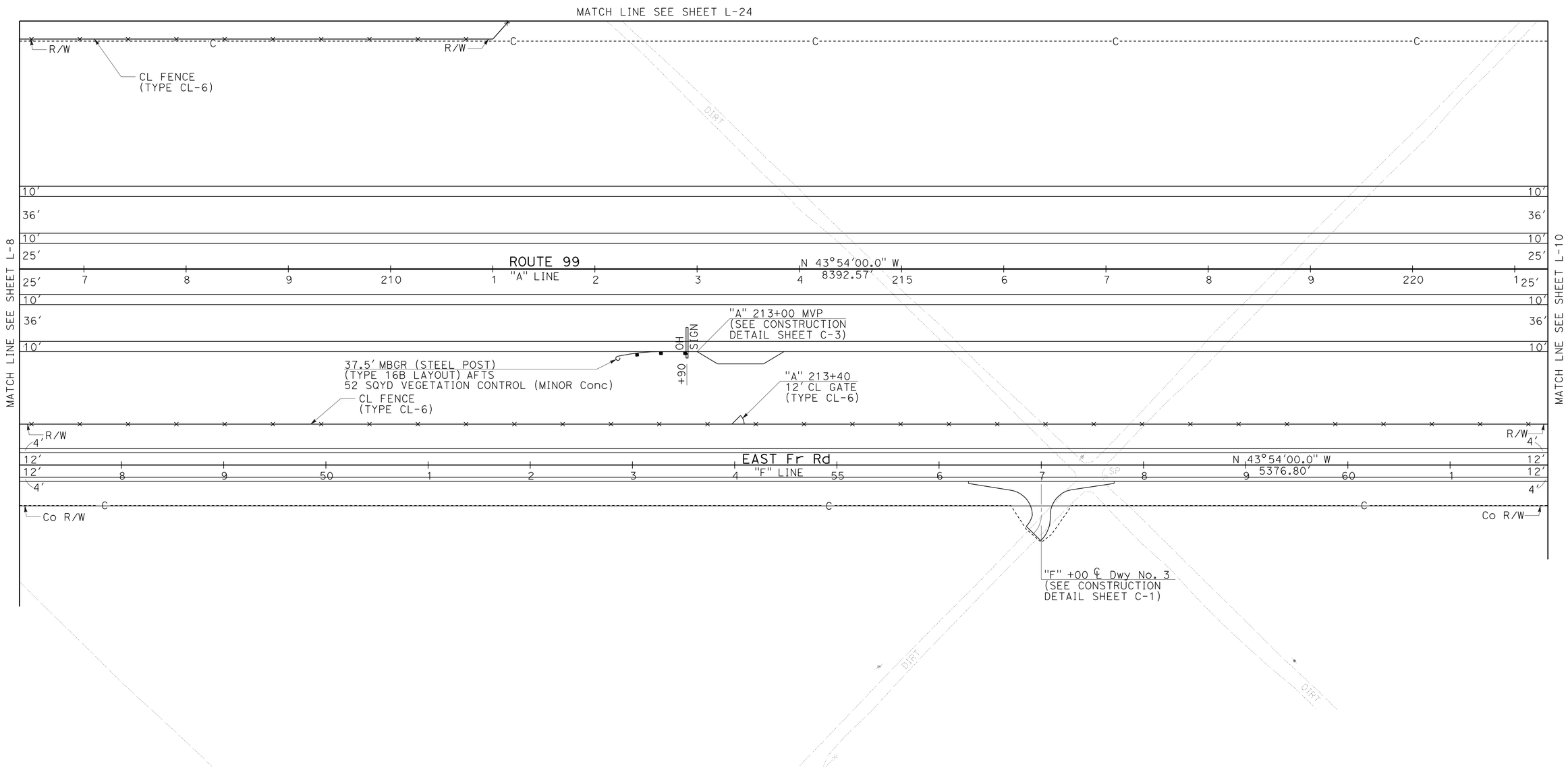
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



LAYOUT
SCALE: 1" = 50′

L-9

REVISED BY	DATE REVISED
CHRIS GARDNER	ANONH SENGMANY
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:08

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

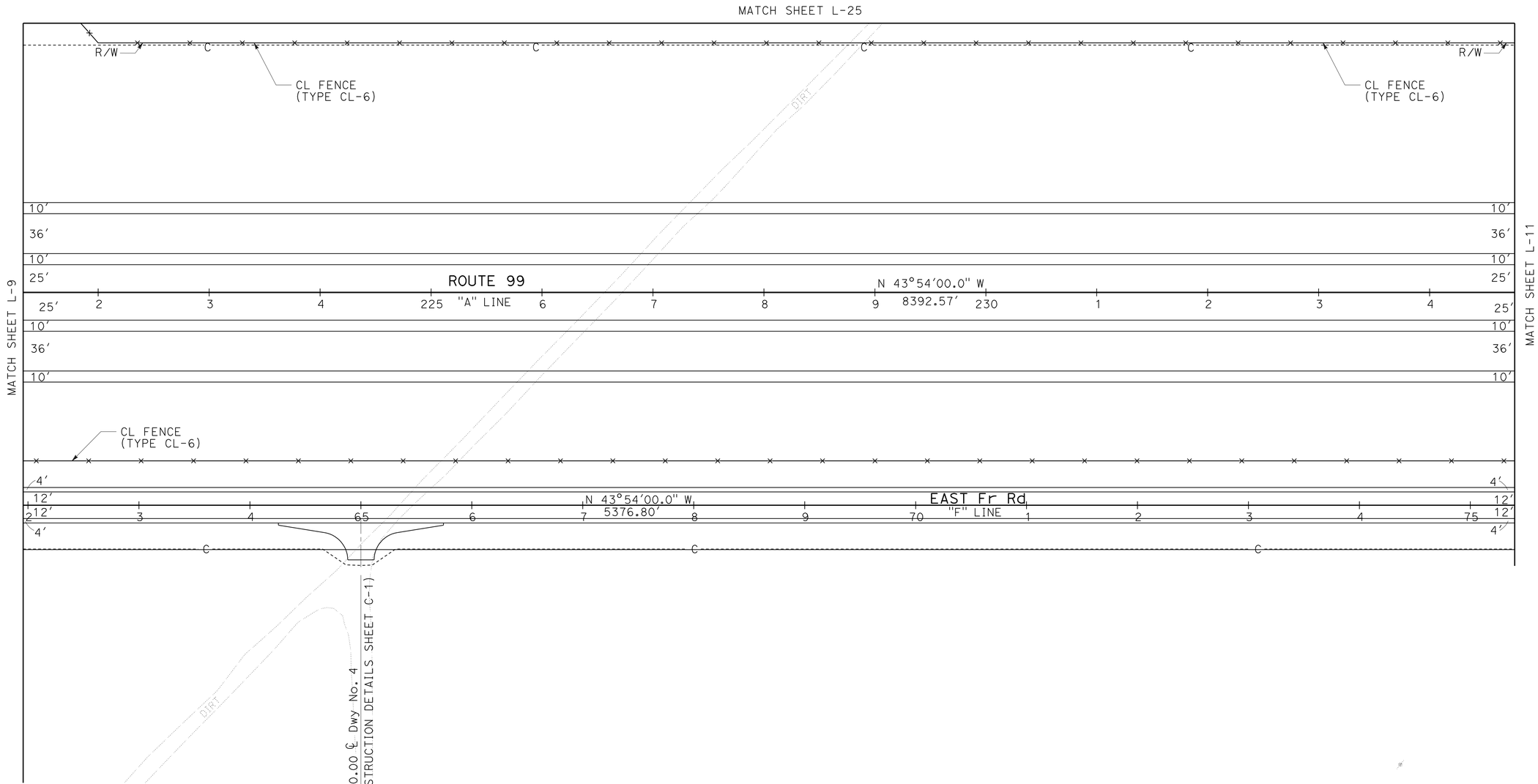
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	21	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SCALE: 1" = 50′

LAYOUT
L-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 08:48

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

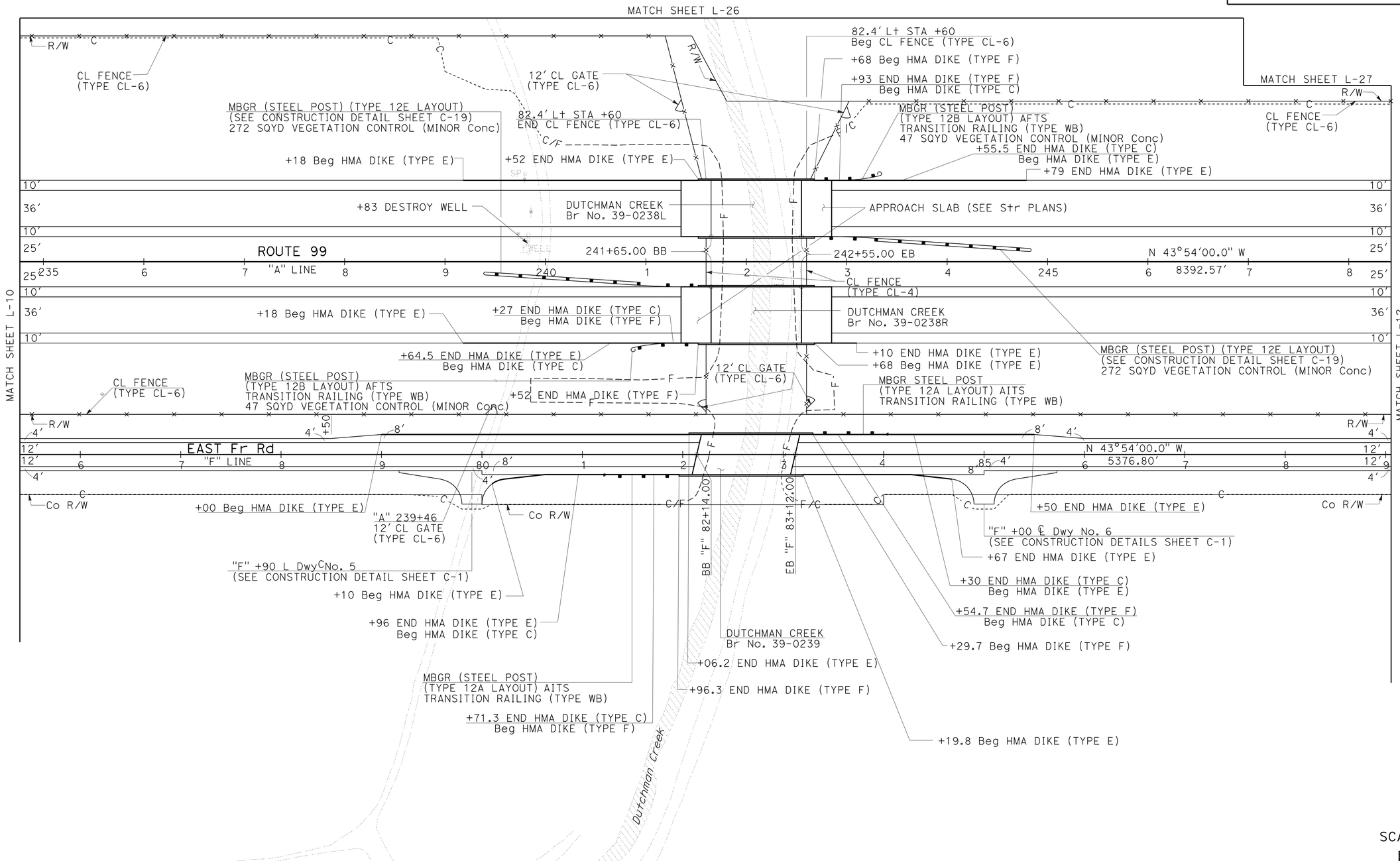
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	22	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SCALE: 1" = 50'

LAYOUT L-11

REVISED BY	DATE REVISED
CHRIS GARDNER	ANONH SENGMANY
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10
DATE PLOTTED => 10-FEB-2012
TIME PLOTTED => 11:24

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	23	607

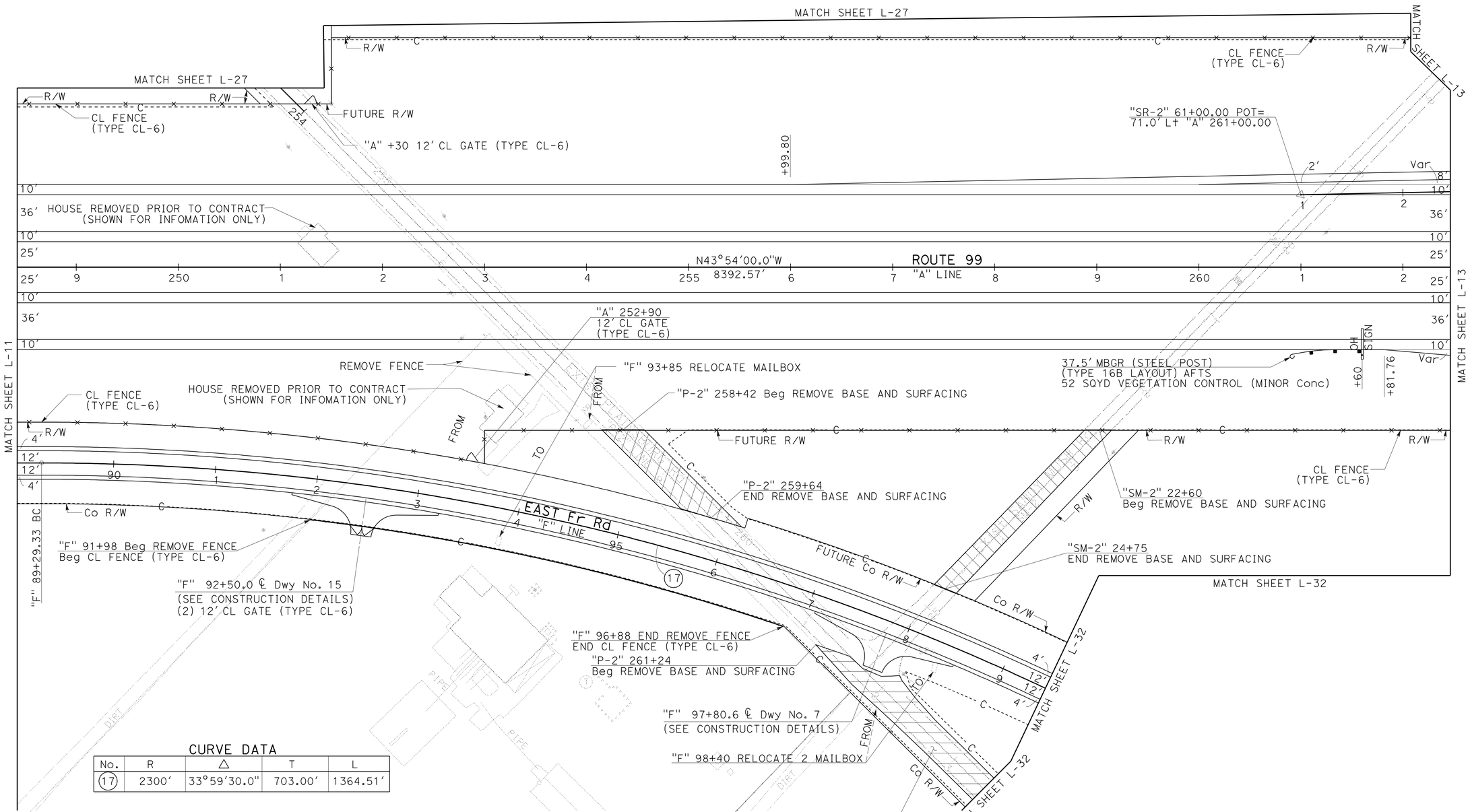
Chris Gardner 06-28-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 06-30-12 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
17	2300'	33°59'30.0"	703.00'	1364.51'

SCALE: 1" = 50'

LAYOUT L-12

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY / DATE REVISED

LAST REVISION 06-28-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 08:48

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	24	607

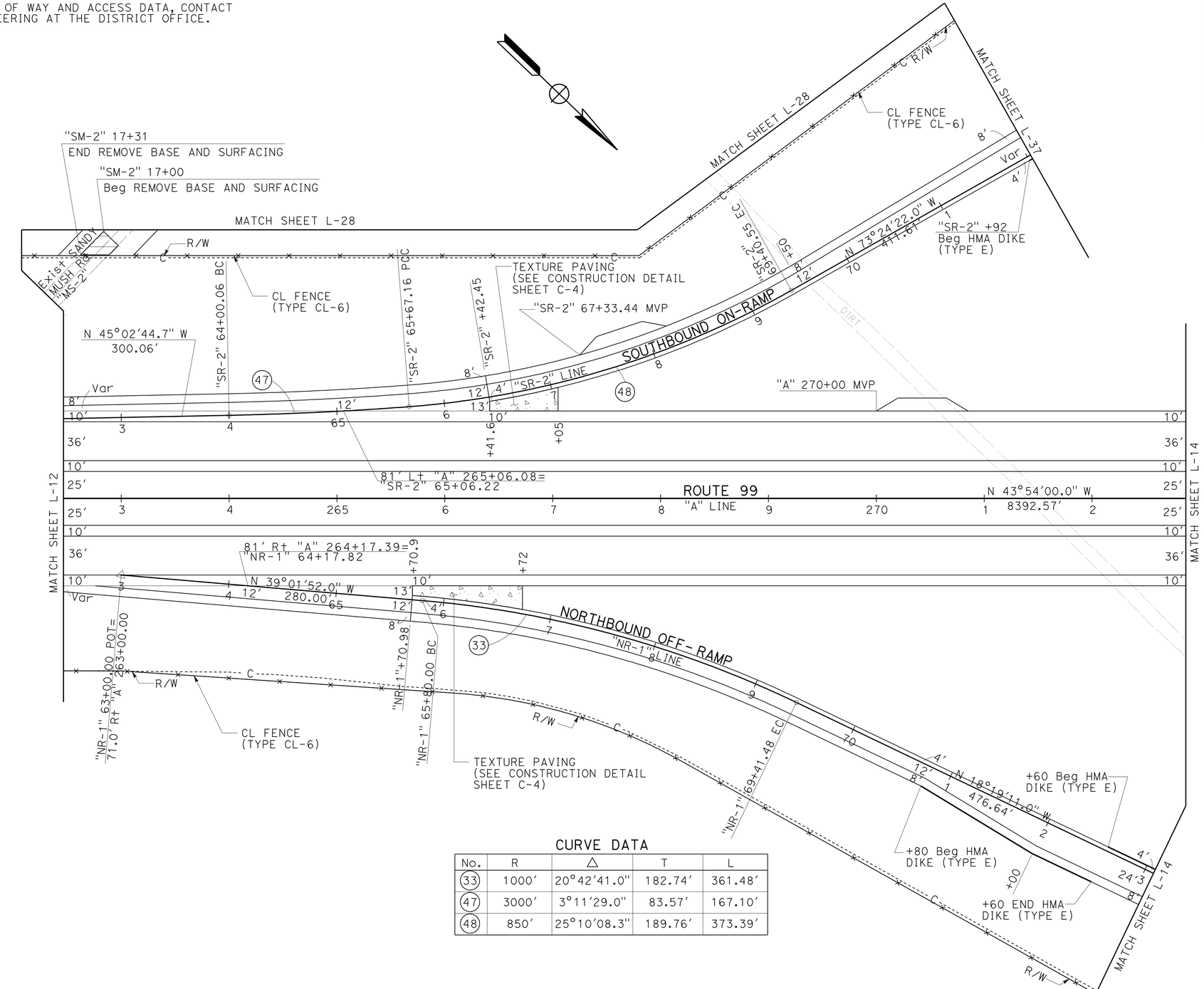
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
33	1000′	20°42′41.0"	182.74′	361.48′
47	3000′	3°11′29.0"	83.57′	167.10′
48	850′	25°10′08.3"	189.76′	373.39′

SCALE: 1" = 50′

LAYOUT L-13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN
FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY / DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 16-JUN-2011
TIME PLOTTED => 09:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	25	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

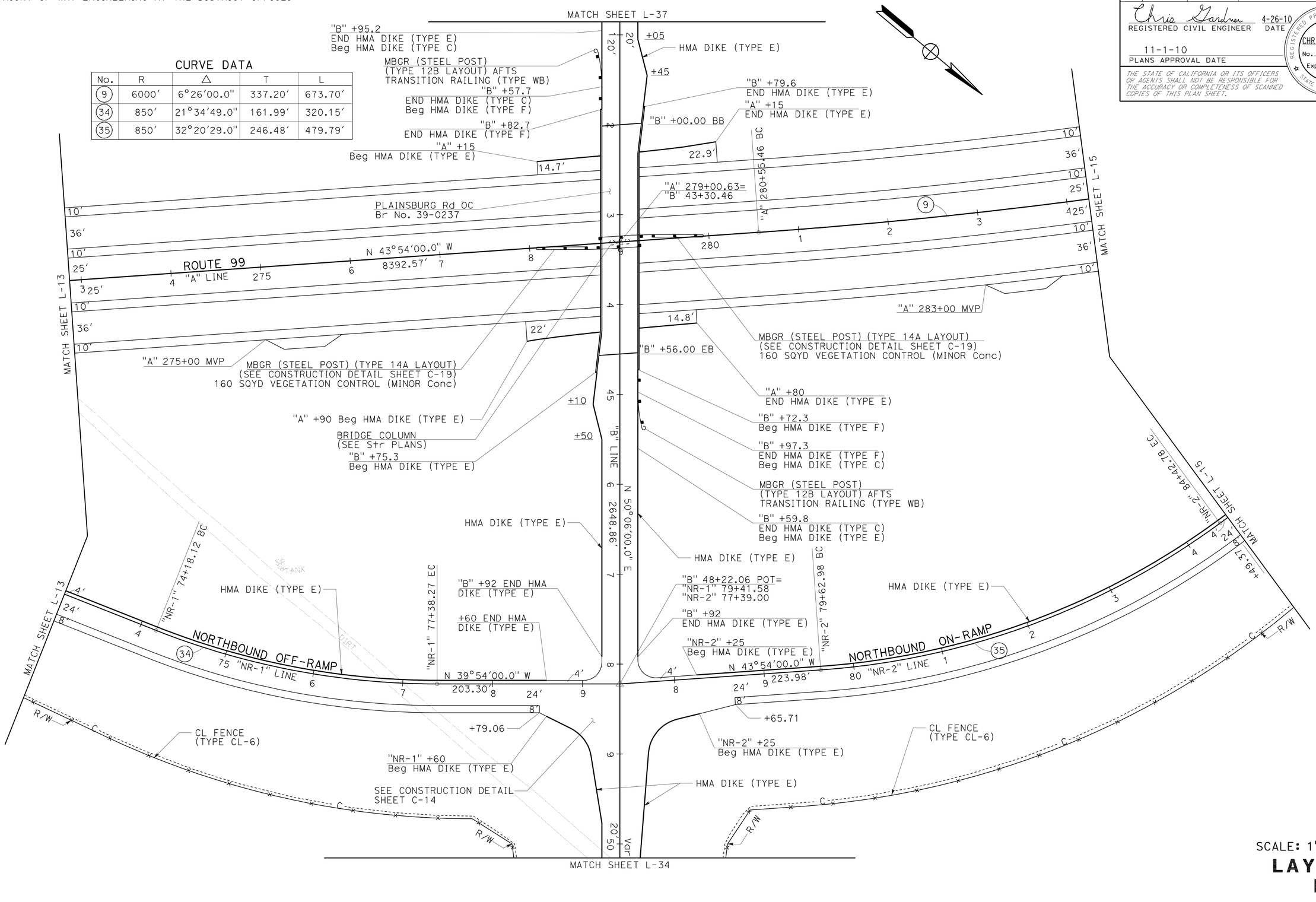
REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No.	R	Δ	T	L
9	6000′	6°26′00.0"	337.20′	673.70′
34	850′	21°34′49.0"	161.99′	320.15′
35	850′	32°20′29.0"	246.48′	479.79′



SCALE: 1" = 50′

LAYOUT L-14

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 08:48

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmnguye
DGN FILE => a41580ea014.dgn
CU 06254
EA 415801

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	26	607

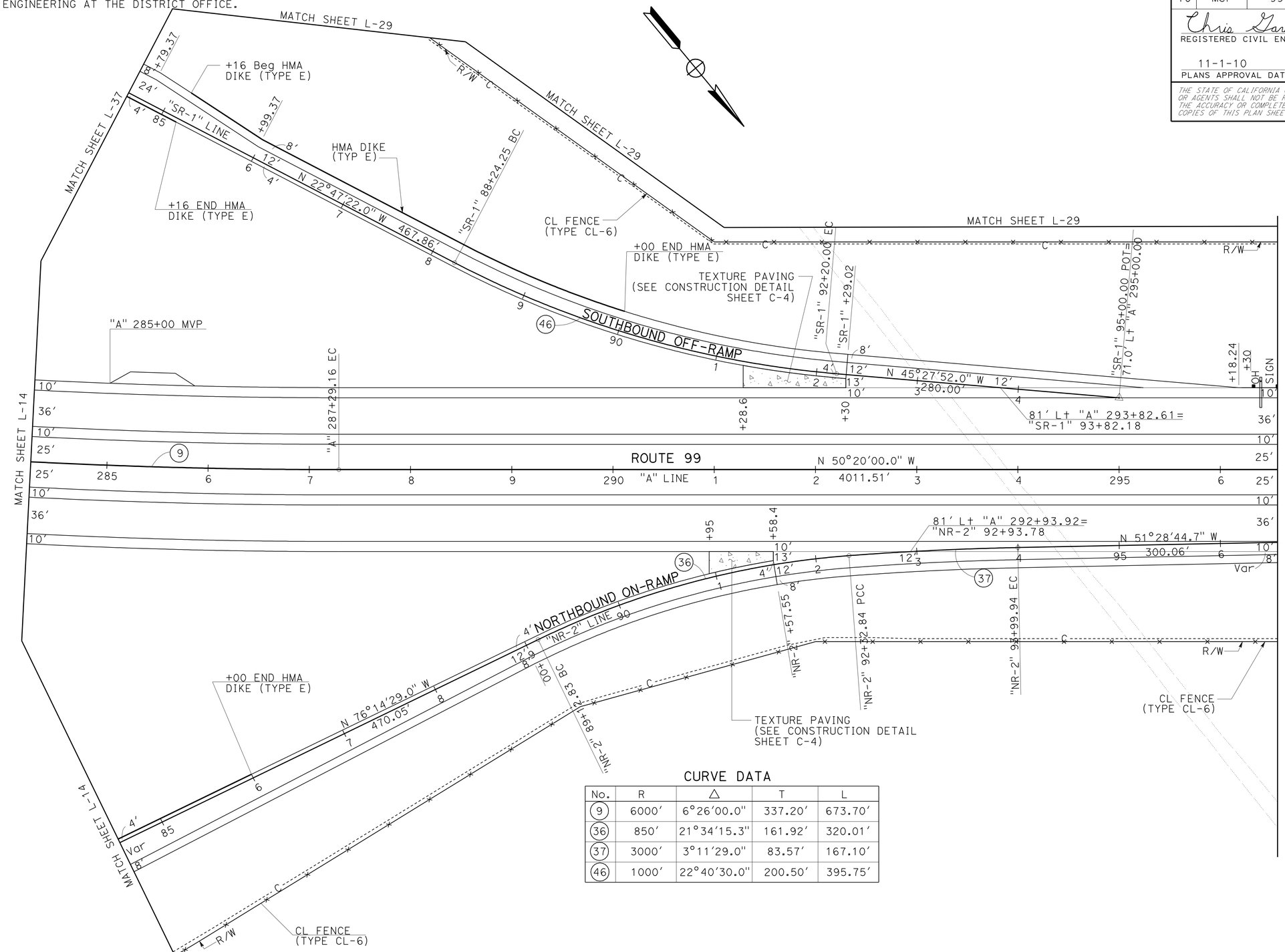
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
9	6000'	6°26'00.0"	337.20'	673.70'
36	850'	21°34'15.3"	161.92'	320.01'
37	3000'	3°11'29.0"	83.57'	167.10'
46	1000'	22°40'30.0"	200.50'	395.75'

SCALE: 1" = 50'

LAYOUT L-15

REVISED BY | DATE REVISED
CHRIS GARDNER | ANONH SENGMANY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 08:48

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

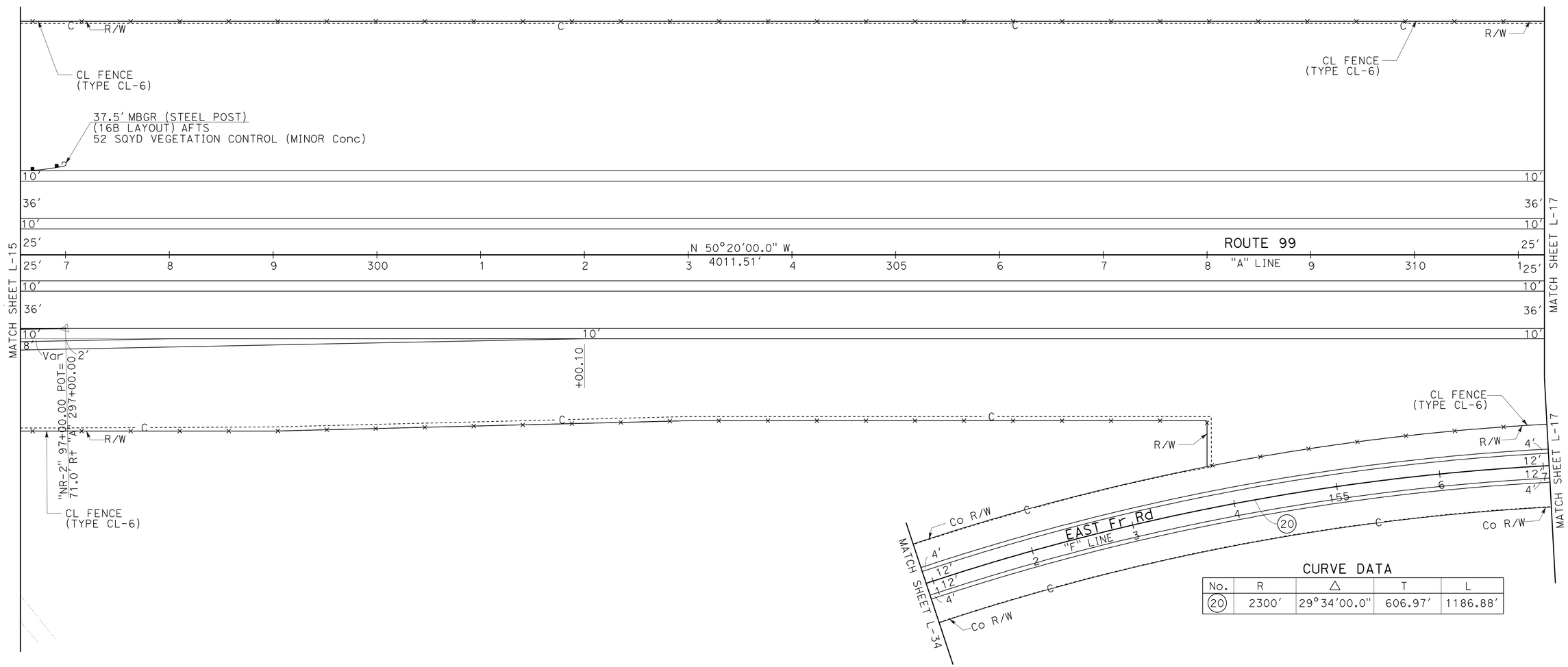
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	27	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CURVE DATA

No.	R	Δ	T	L
20	2300'	29°34'00.0"	606.97'	1186.88'

SCALE: 1" = 50'

LAYOUT
L-16

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 09:47

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	28	607

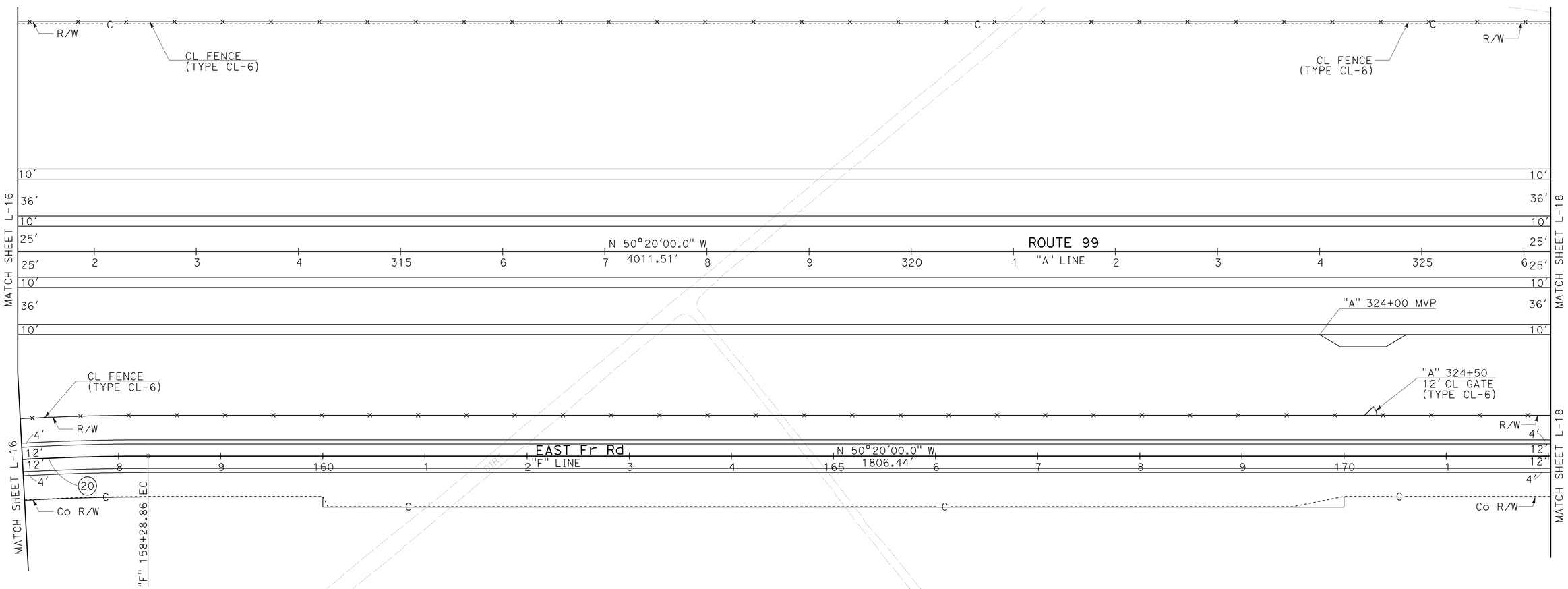
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
20	2300′	29°34′00.0″	606.97′	1186.88′

SCALE: 1″ = 50′

LAYOUT L-17

REVISED BY	DATE REVISED
CHRIS GARDNER	ANONH SENGMANY
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 08:49

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	29	607

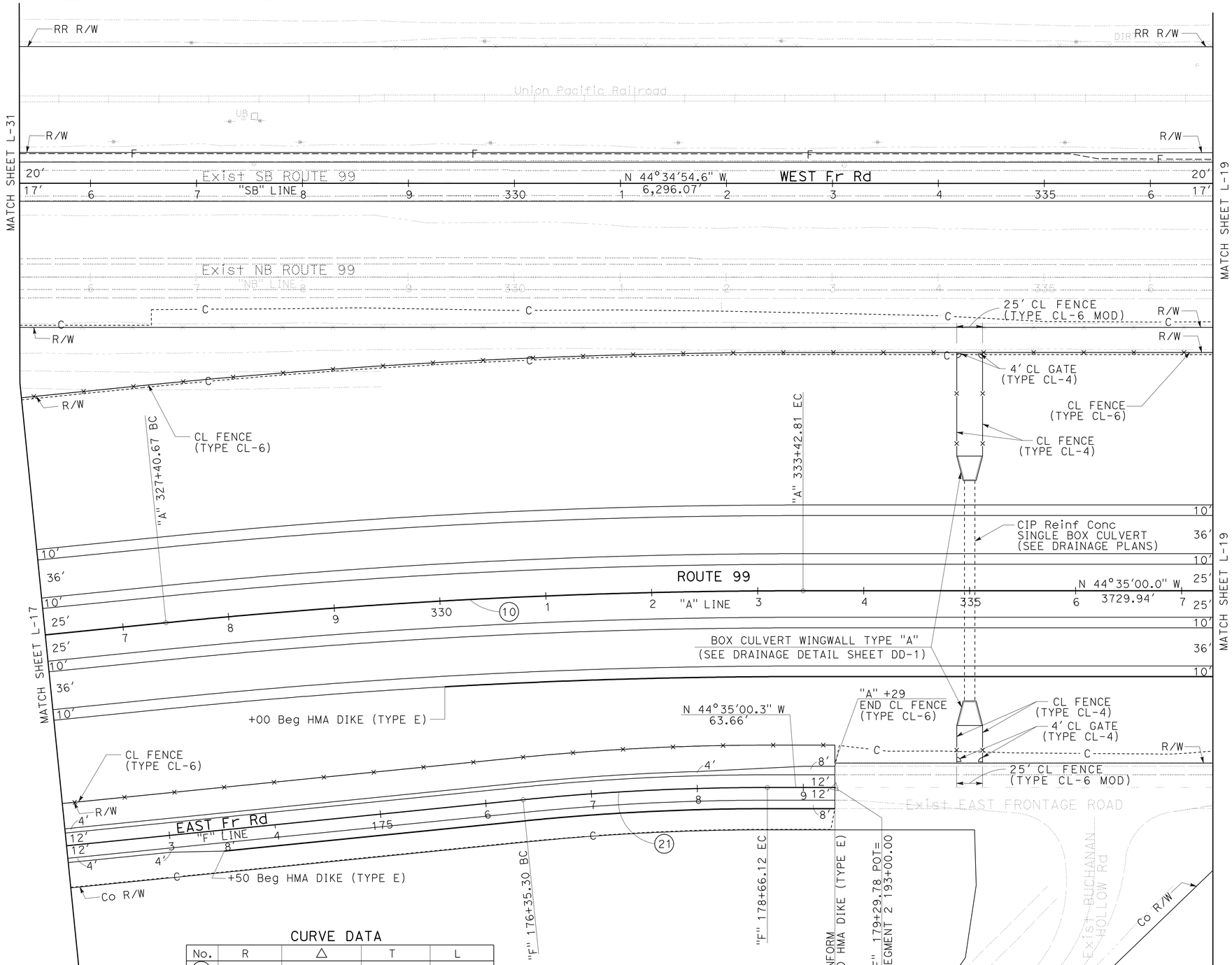
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
10	6000'	5°45'00.0"	301.32'	602.14'
21	2300'	5°44'59.9"	115.51'	230.82'

SCALE: 1" = 50'

LAYOUT L-18

REVISED BY	DATE REVISED
CHRIS GARDNER	ANONH SENGMANY
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10
DATE PLOTTED => 16-JUN-2011
TIME PLOTTED => 09:55

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

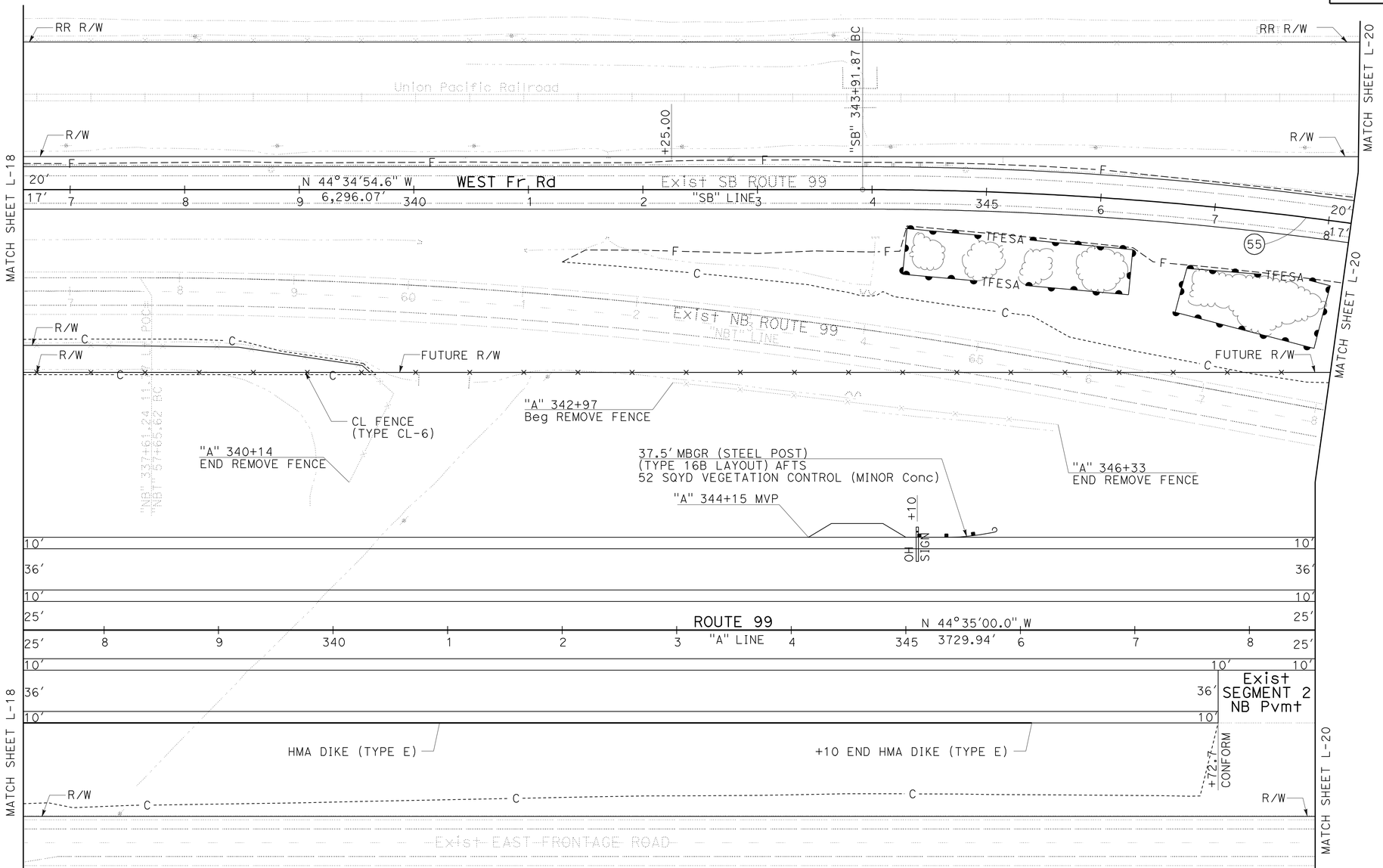
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	30	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CURVE DATA

No.	R	△	T	L
55	3100'	10°09'37.6"	275.59'	549.73'

SCALE: 1" = 50'

LAYOUT L-19

REVISED BY	DATE REVISED
CHRIS GARDNER	ANONH SENGMANY

CALCULATED-DESIGNED BY
CHECKED BY

FUNCTIONAL SUPERVISOR
BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 09:47

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

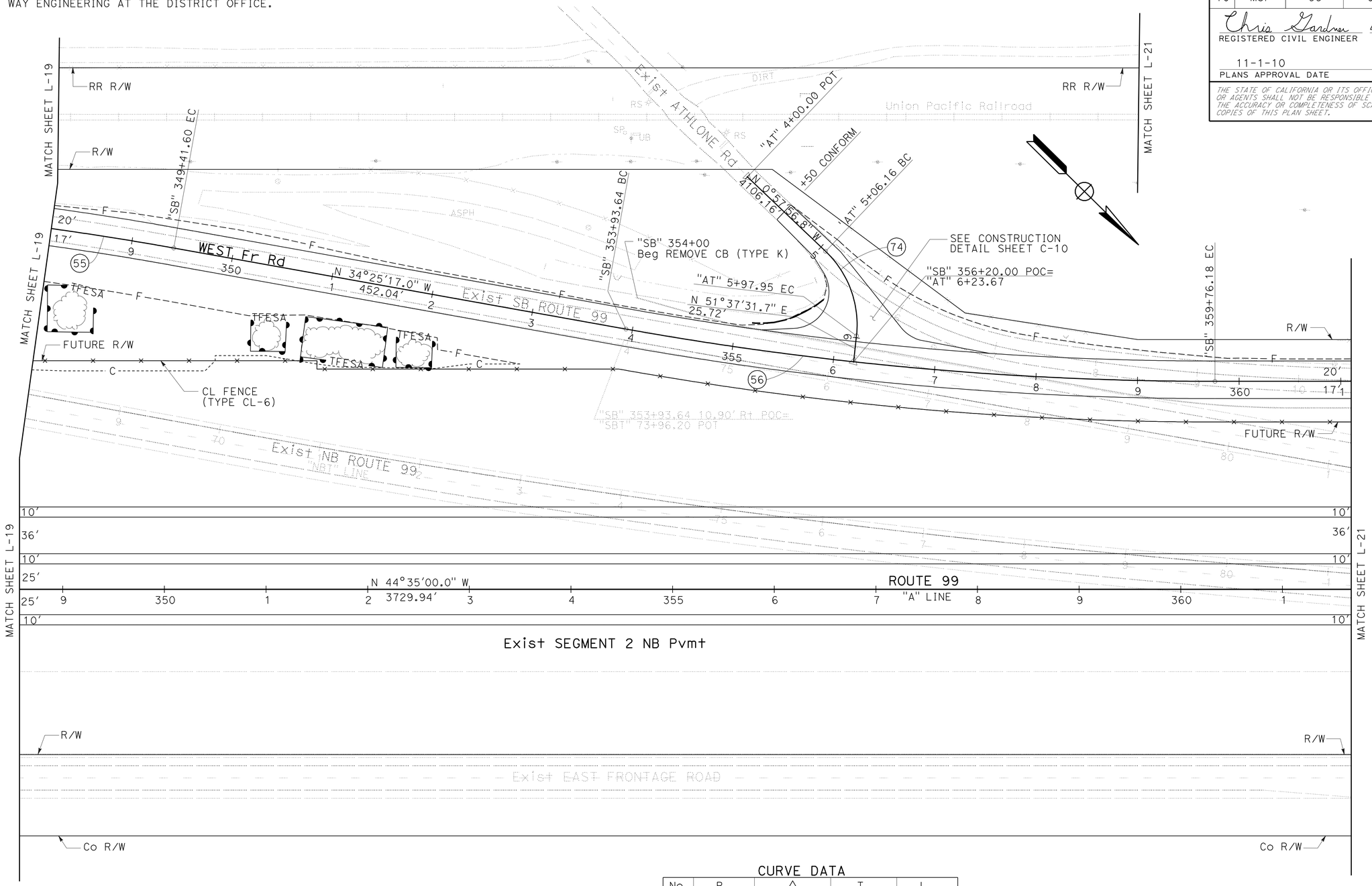
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	31	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CURVE DATA

No.	R	Δ	T	L
55	3100′	10°09′37.6″	275.59′	549.73′
56	3280.83′	10°10′24.2″	292.04′	582.54′
74	100′	52°35′28.4″	49.41′	91.79′

SCALE: 1″ = 50′

LAYOUT L-20

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 09:48

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

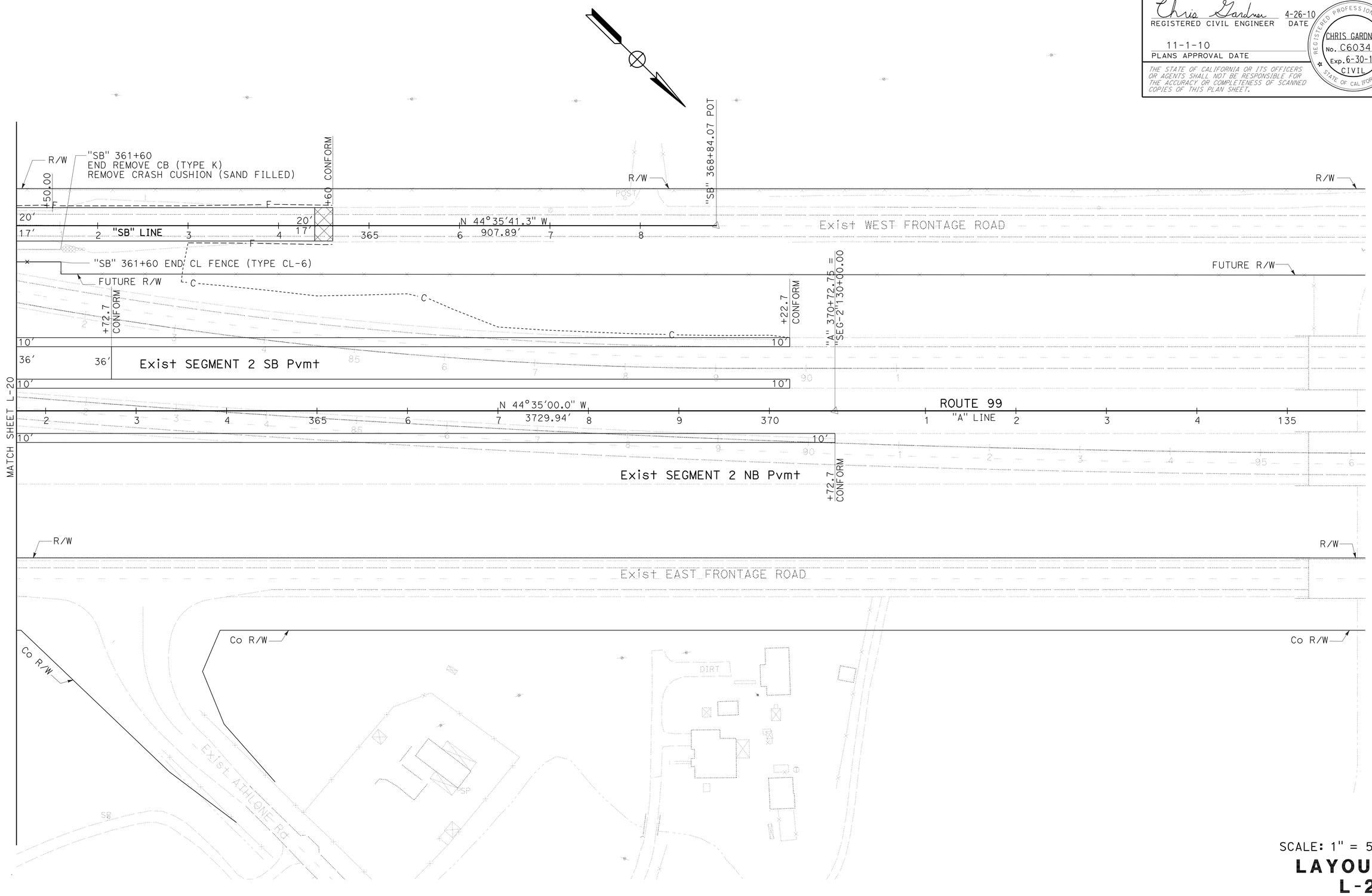
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	32	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SCALE: 1" = 50'

LAYOUT
L-21

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 16-JUN-2011
TIME PLOTTED => 09:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	33	607

Chris Gardner 06-28-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

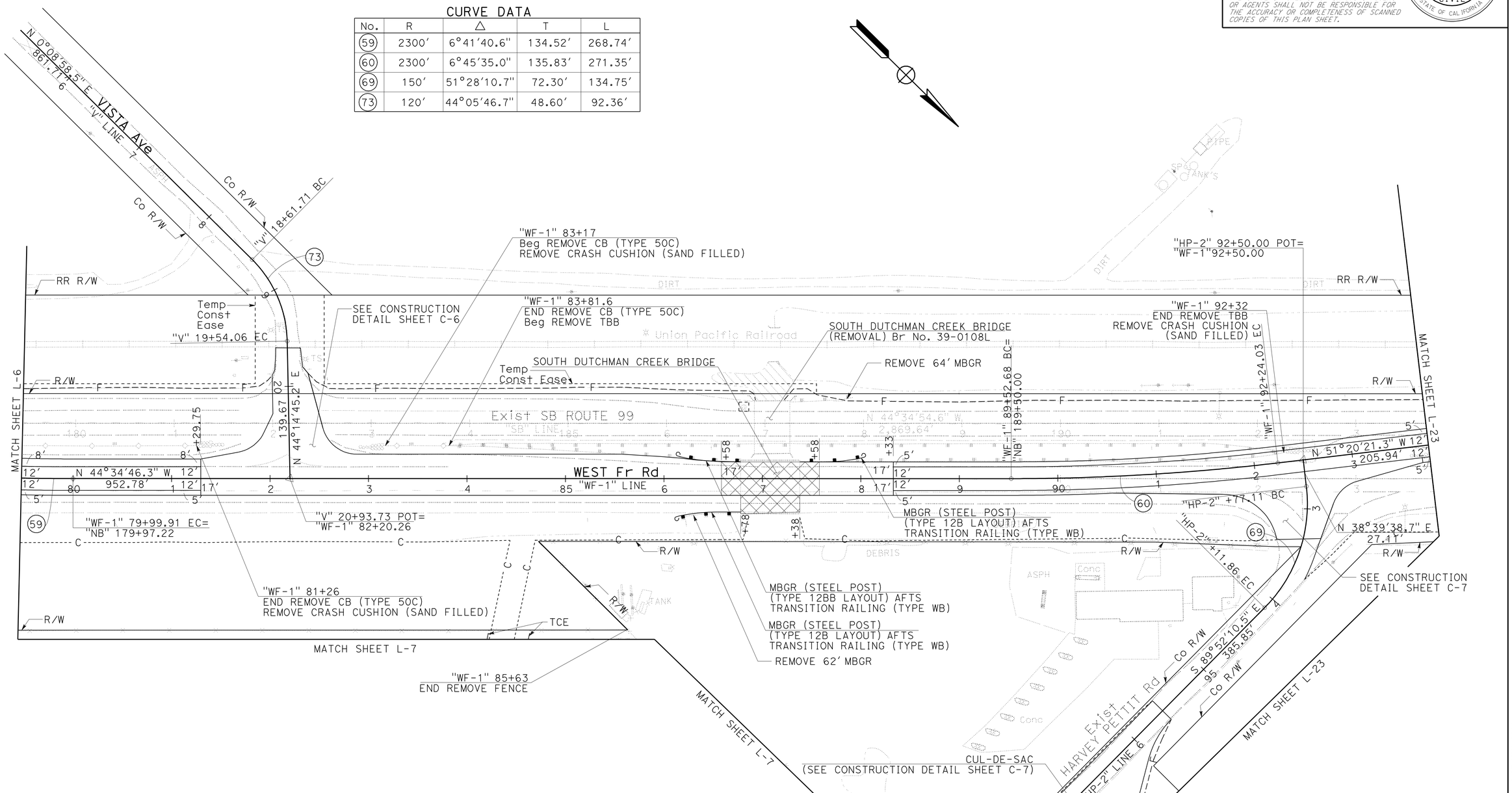
REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No.	R	Δ	T	L
59	2300′	6°41′40.6"	134.52′	268.74′
60	2300′	6°45′35.0"	135.83′	271.35′
69	150′	51°28′10.7"	72.30′	134.75′
73	120′	44°05′46.7"	48.60′	92.36′



SCALE: 1" = 50′

LAYOUT L-22

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN

CALCULATED-DESIGNED BY CHRIS GARDNER
CHECKED BY ANONH SENGMANY
FUNCTIONAL SUPERVISOR BORIS AYAVIRI
REVISED BY
DATE REVISED

LAST REVISION 06-28-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 08:49

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	34	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

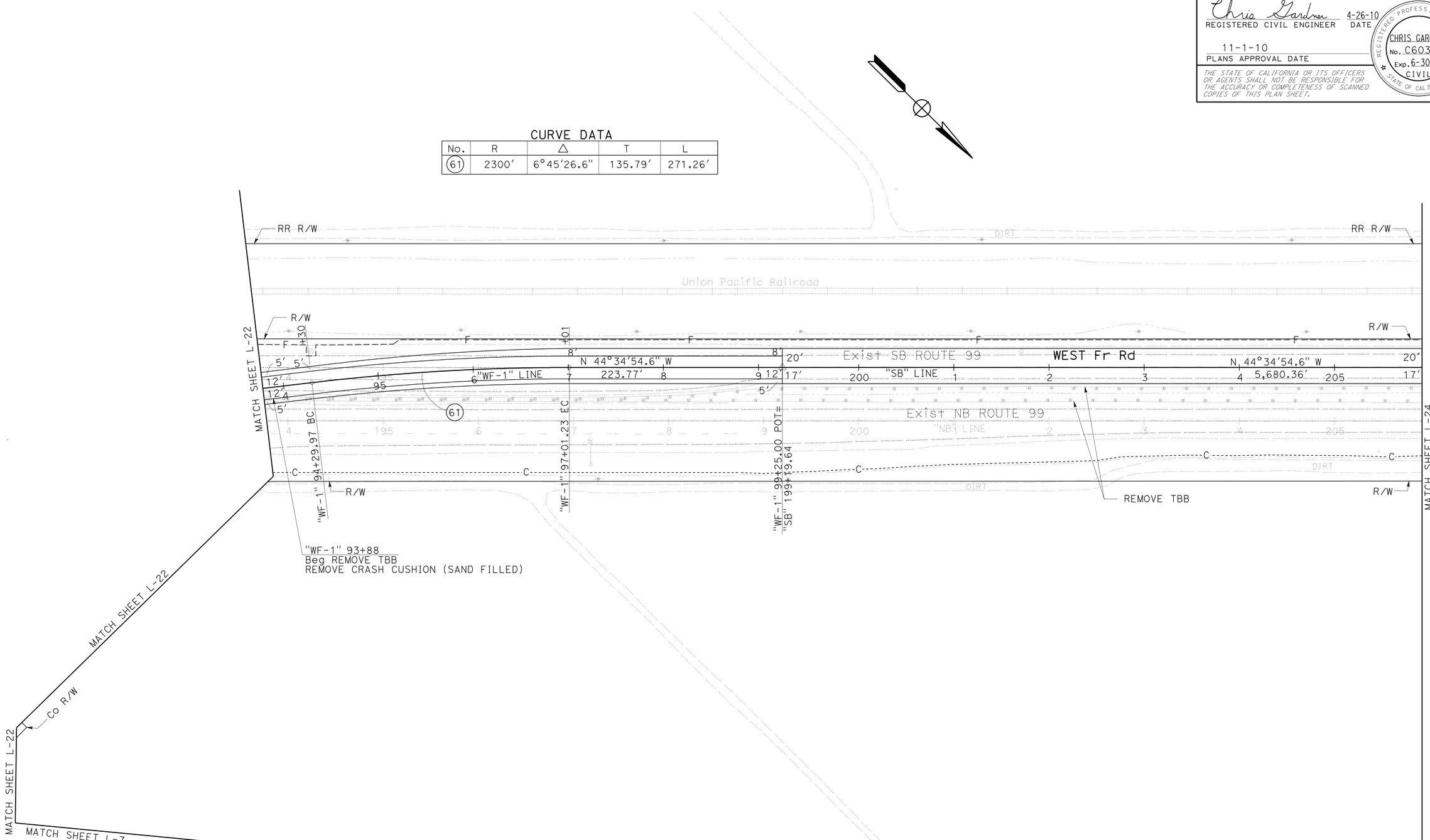
REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

CURVE DATA

No.	R	Δ	T	L
61	2300′	6°45′26.6″	135.79′	271.26′



SCALE: 1″ = 50′

LAYOUT
L-23

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 08:49

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

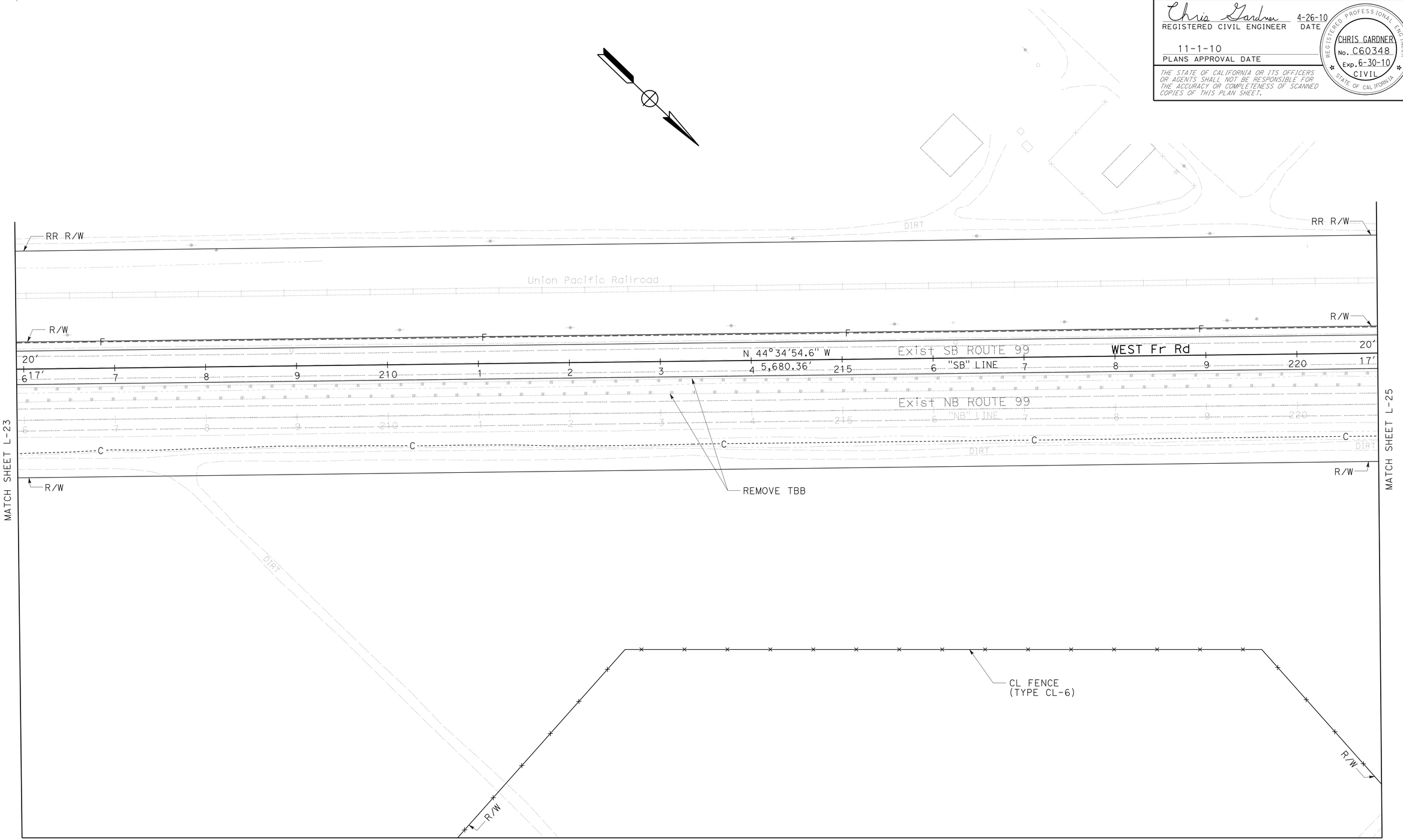
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	35	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SCALE: 1" = 50'

LAYOUT L-24

REVISED BY | DATE REVISED
CHRIS GARDNER | ANONH SENGMANY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 09:48

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

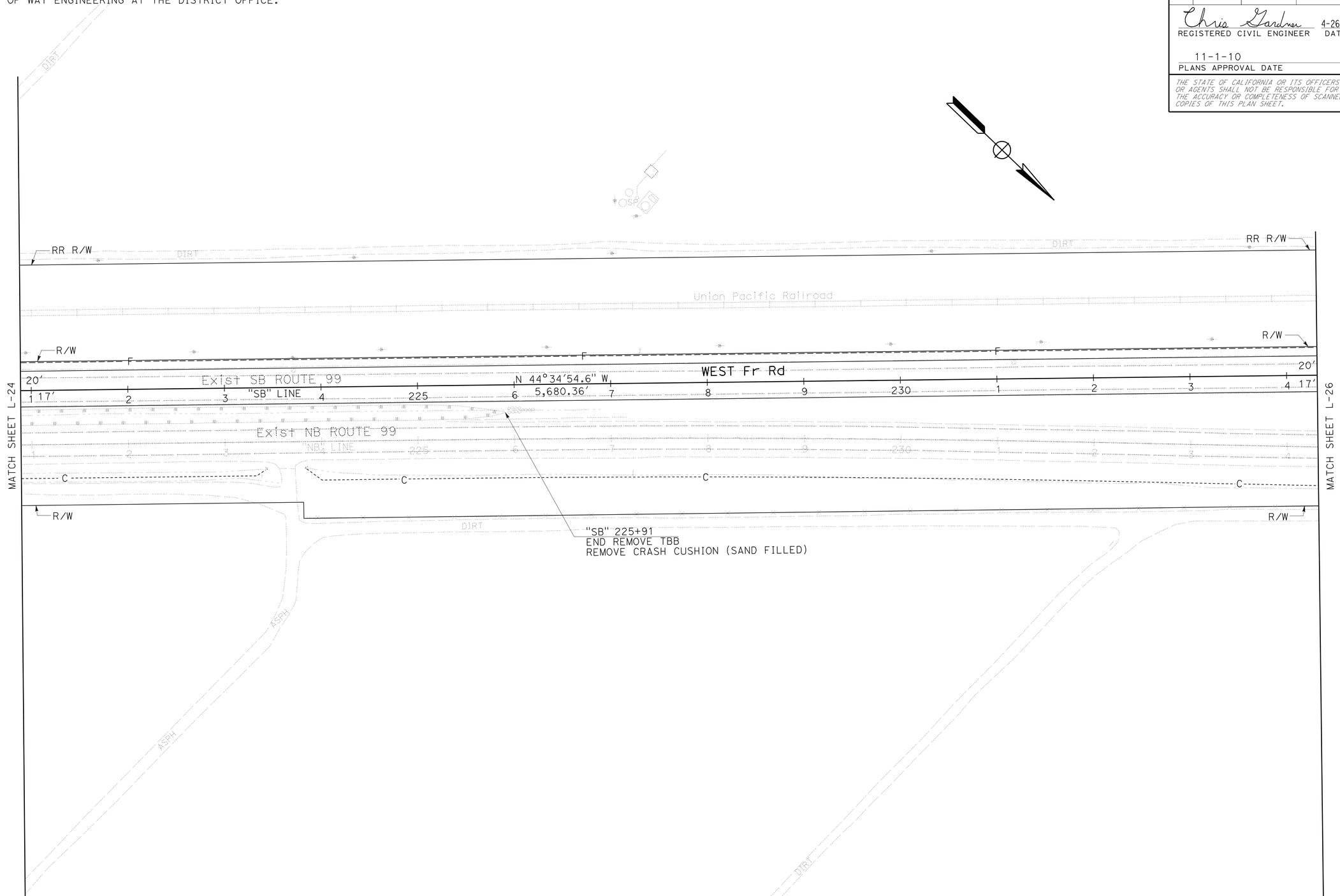
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	36	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SCALE: 1" = 50'

LAYOUT L-25

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 09:48

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trmnguye
DGN FILE => a41580ea025.dgn
CU 06254
EA 415801

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	37	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

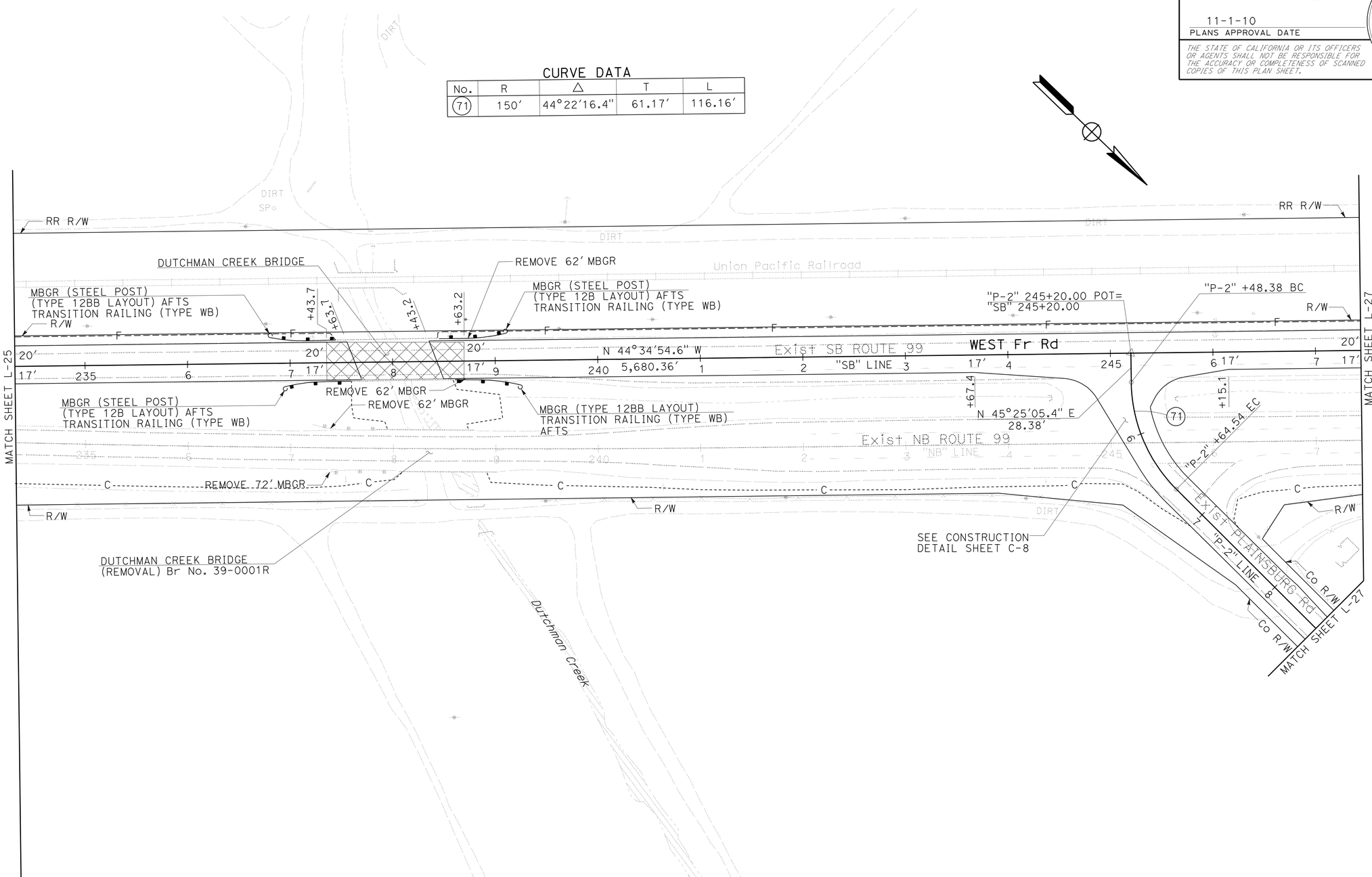
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CURVE DATA

No.	R	Δ	T	L
71	150′	44°22′16.4″	61.17′	116.16′



SCALE: 1″ = 50′

LAYOUT
L-26

REVISED BY	DATE REVISED
CHRIS GARDNER	ANONH SENGMANY

CALCULATED-DESIGNED BY / CHECKED BY

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 24-NOV-2010 | TIME PLOTTED => 10:33

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

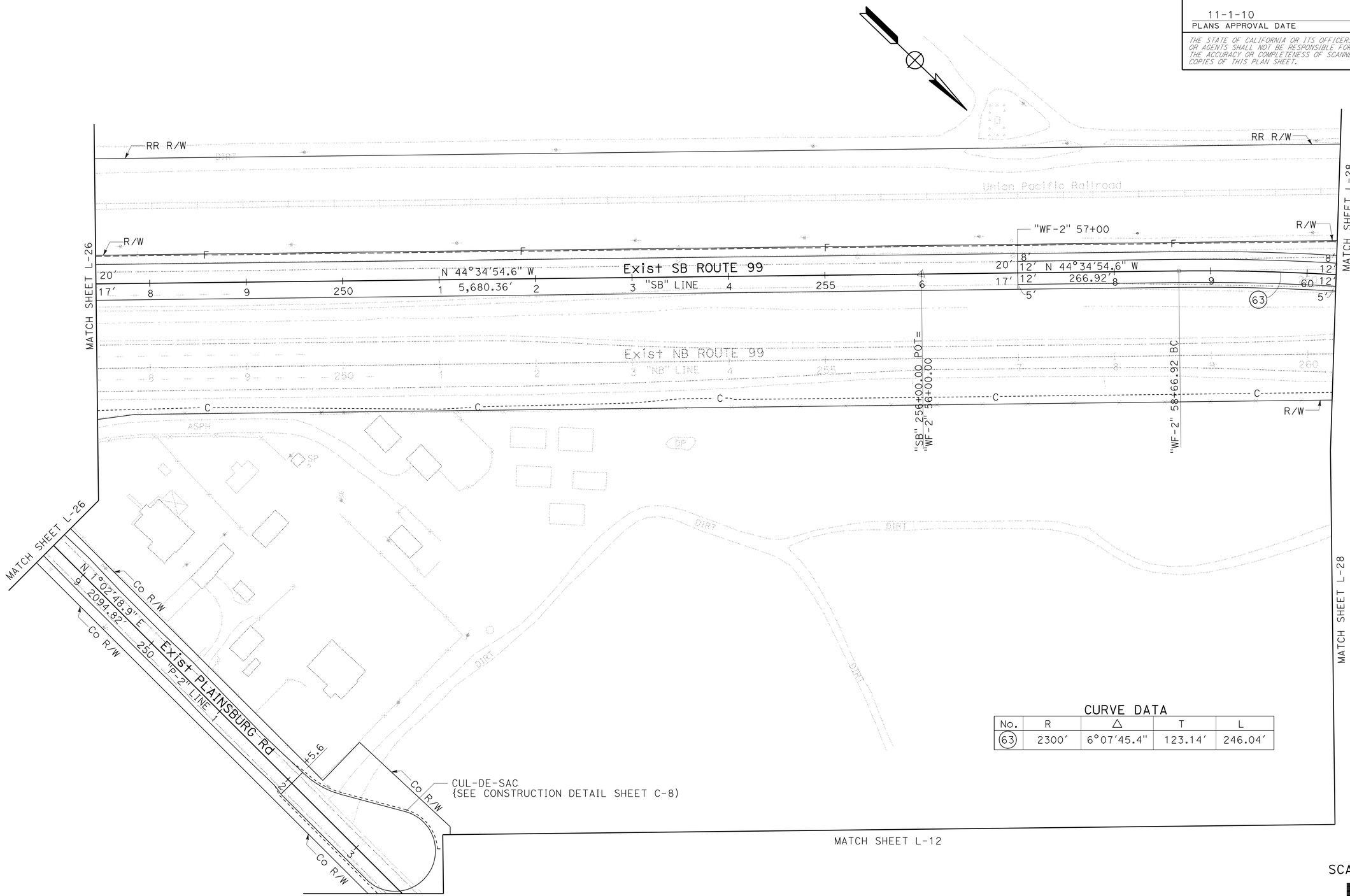
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	38	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CURVE DATA

No.	R	△	T	L
63	2300′	6°07′45.4″	123.14′	246.04′

SCALE: 1" = 50′

LAYOUT L-27

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 09:48

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	39	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

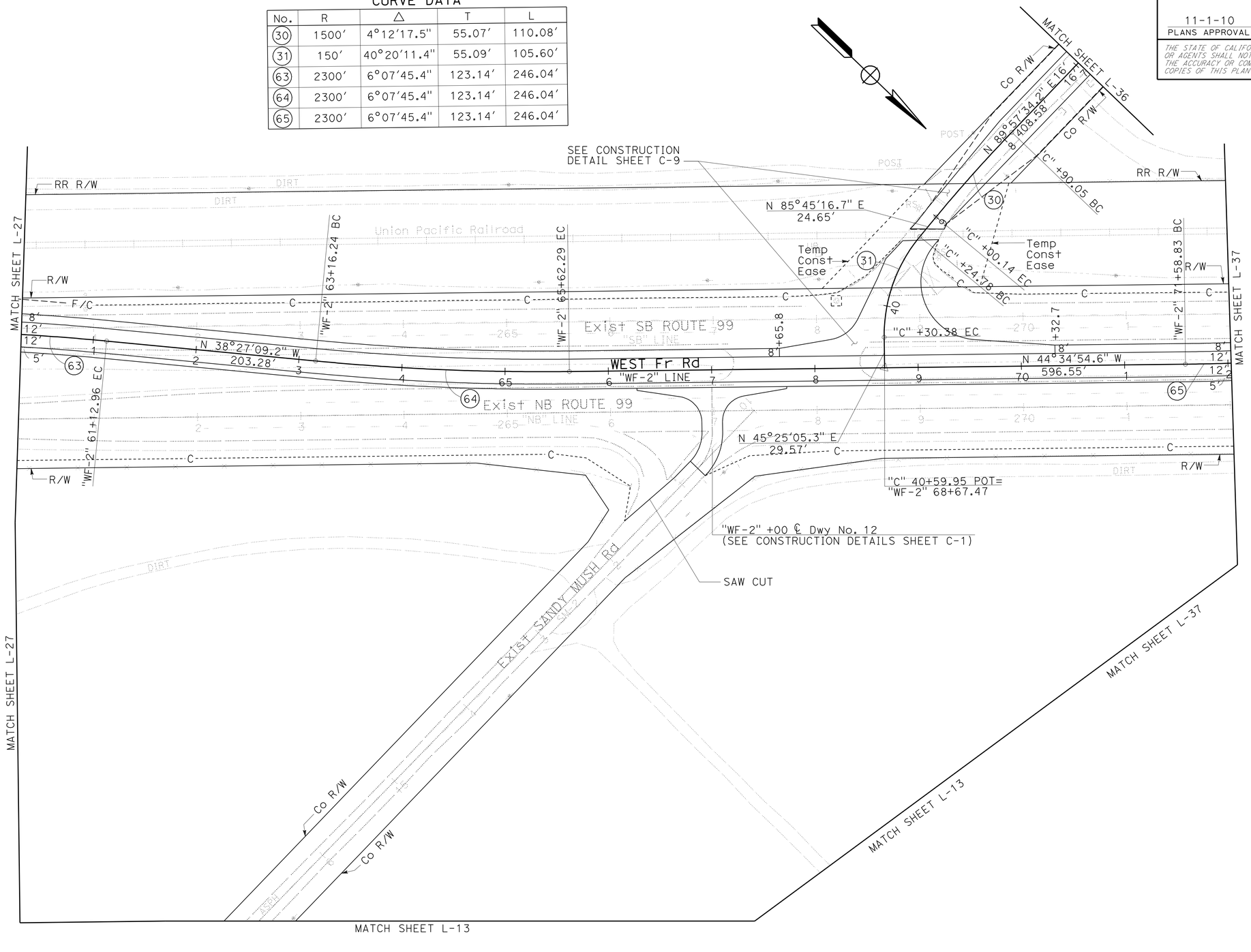
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CURVE DATA

No.	R	Δ	T	L
30	1500′	4°12′17.5"	55.07′	110.08′
31	150′	40°20′11.4"	55.09′	105.60′
63	2300′	6°07′45.4"	123.14′	246.04′
64	2300′	6°07′45.4"	123.14′	246.04′
65	2300′	6°07′45.4"	123.14′	246.04′



SCALE: 1" = 50′

LAYOUT
L-28

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 08:49

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

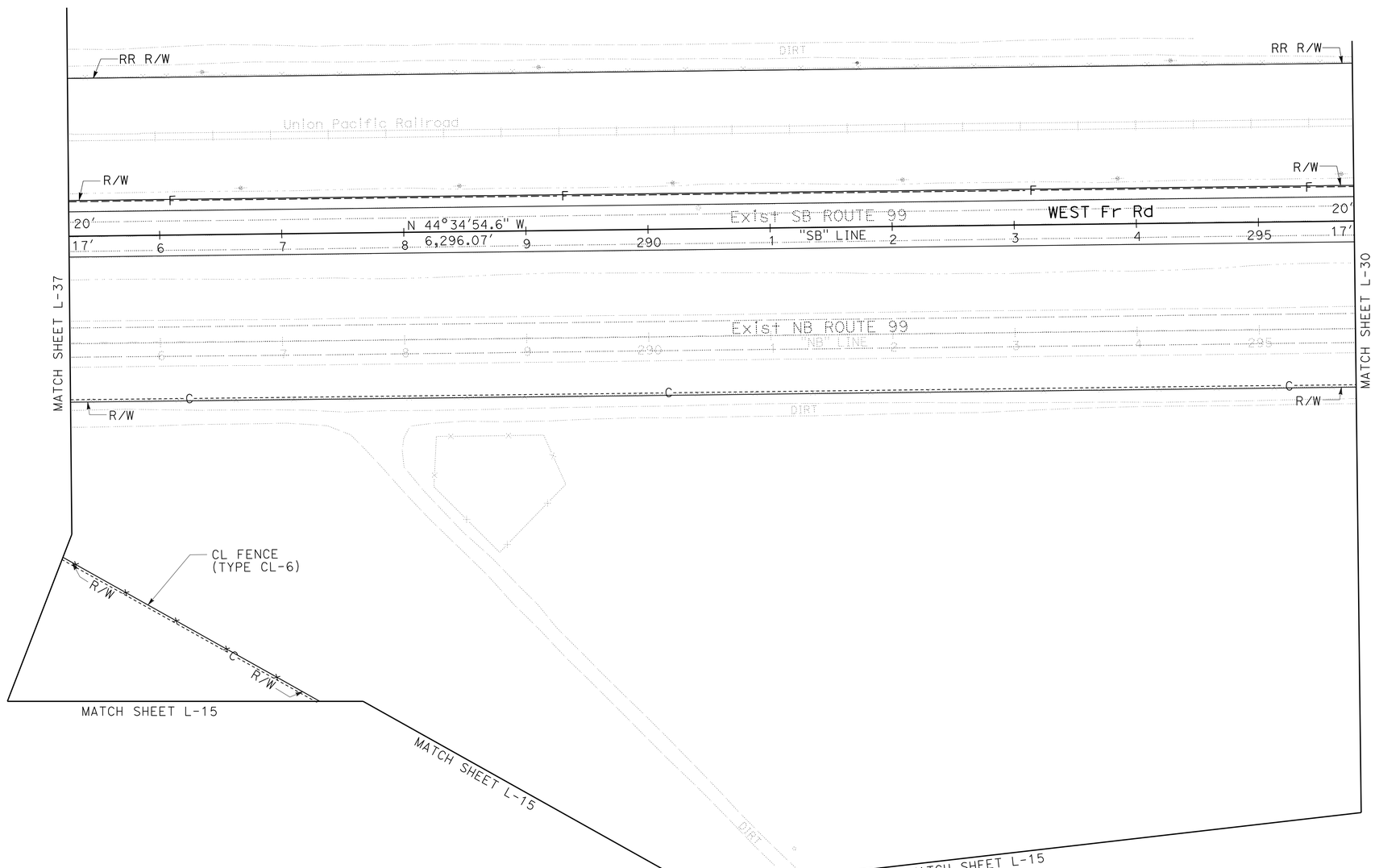
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	40	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SCALE: 1" = 50'

LAYOUT
L-29

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 09:48

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	41	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

SCALE: 1" = 50'

LAYOUT
L-30

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 09:48

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

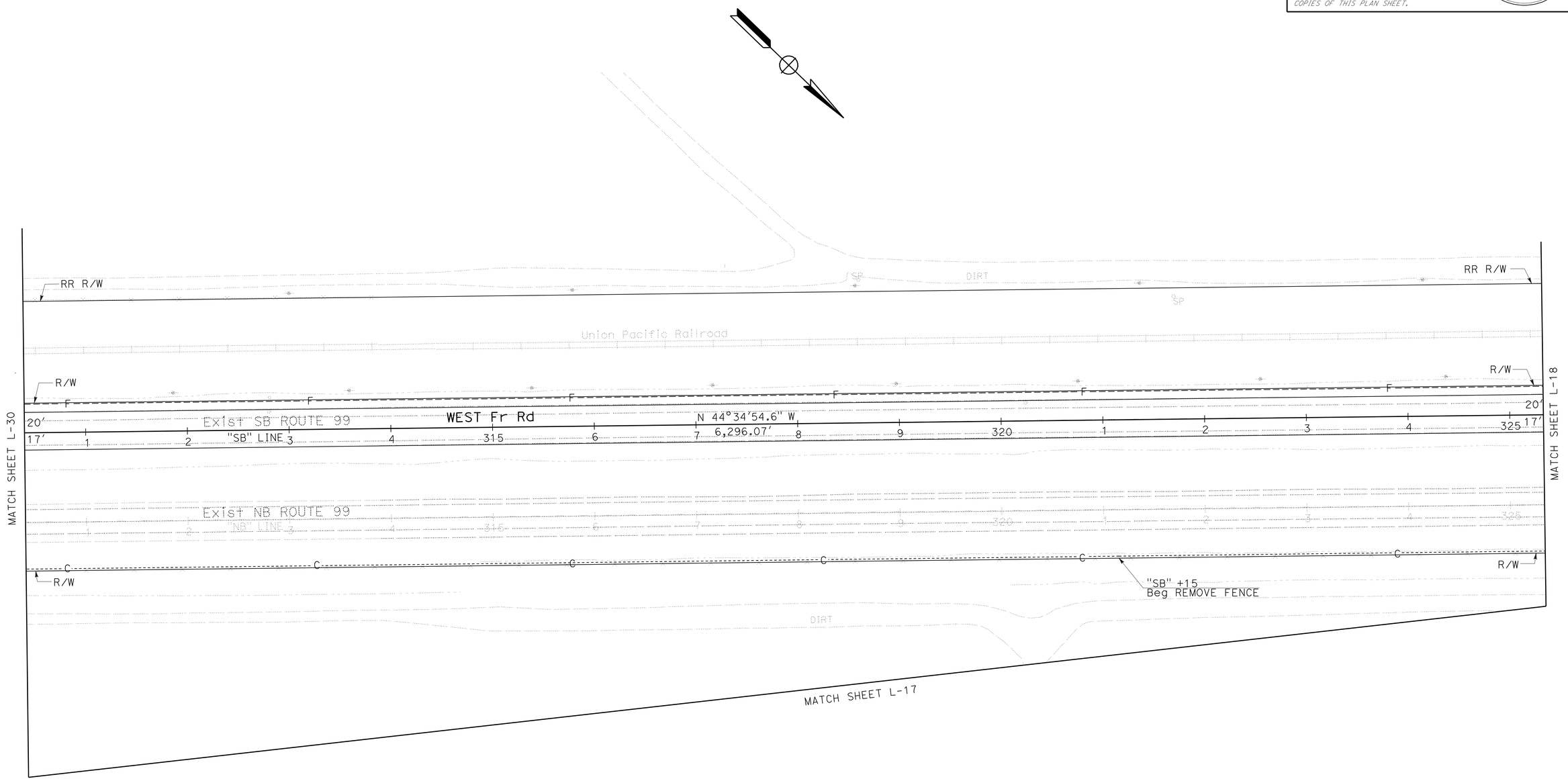
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	42	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SCALE: 1" = 50'

LAYOUT
L-31

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 08:50

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	43	607

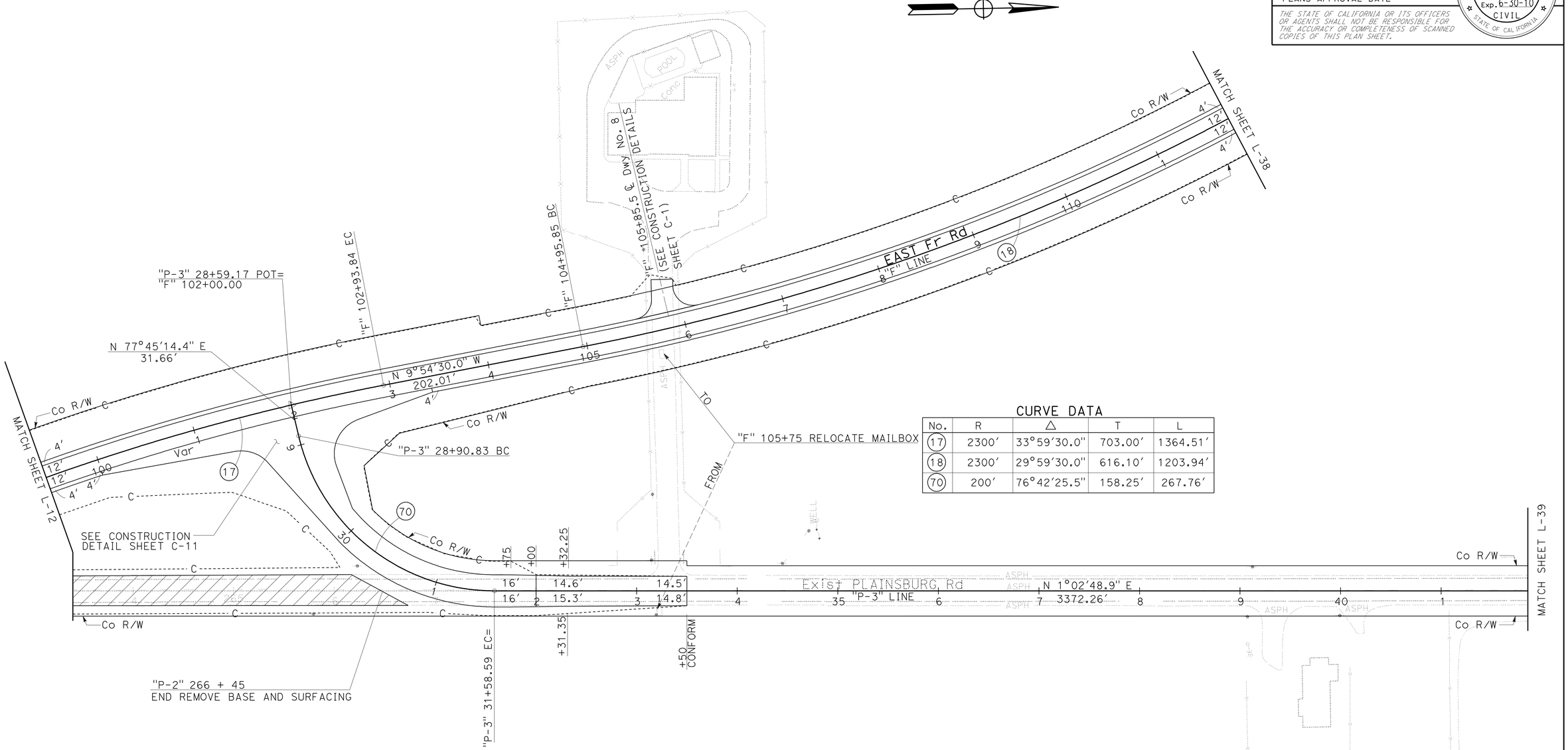
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
17	2300′	33°59′30.0″	703.00′	1364.51′
18	2300′	29°59′30.0″	616.10′	1203.94′
70	200′	76°42′25.5″	158.25′	267.76′

SCALE: 1" = 50′

LAYOUT L-32

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
06-DESIGN
Caltrans

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:21

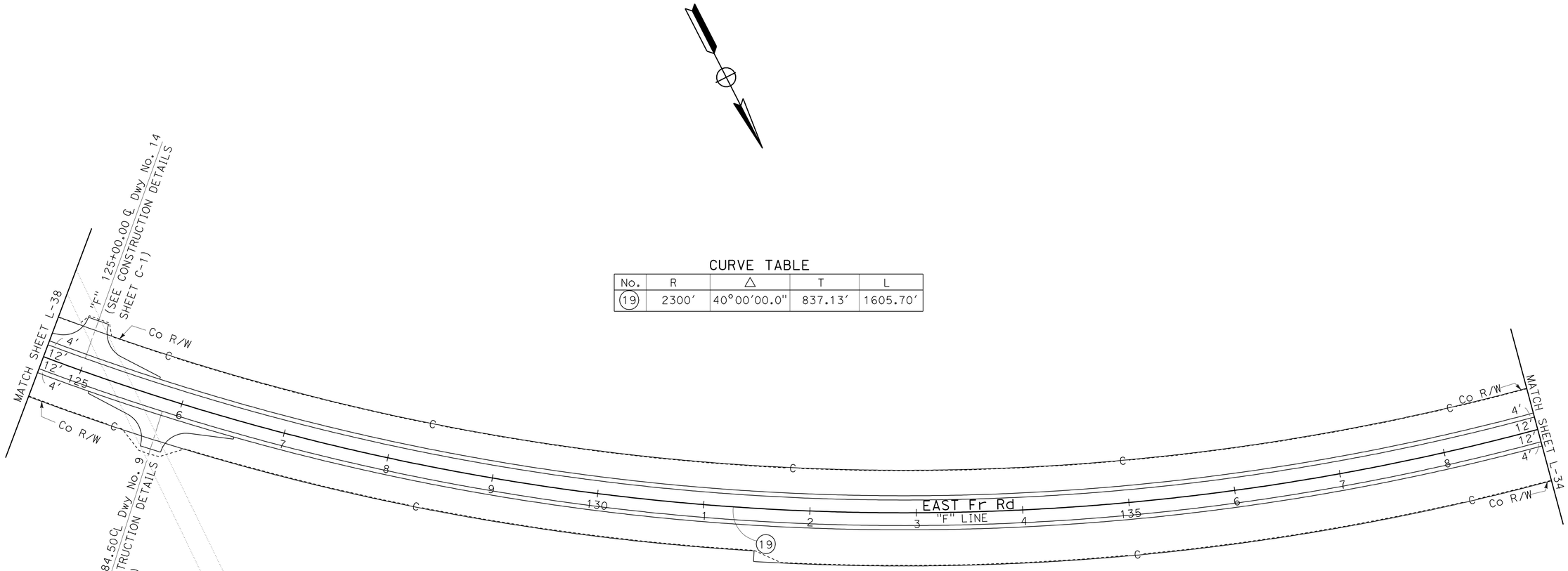
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	44	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CURVE TABLE

No.	R	Δ	T	L
19	2300′	40°00′00.0″	837.13′	1605.70′

SCALE: 1″ = 50′

LAYOUT L-33

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:21

BORDER LAST REVISED 4/11/2008 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => trpierce | DGN FILE => a41580ea033.dgn | CU 06254 | EA 415801

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	45	607

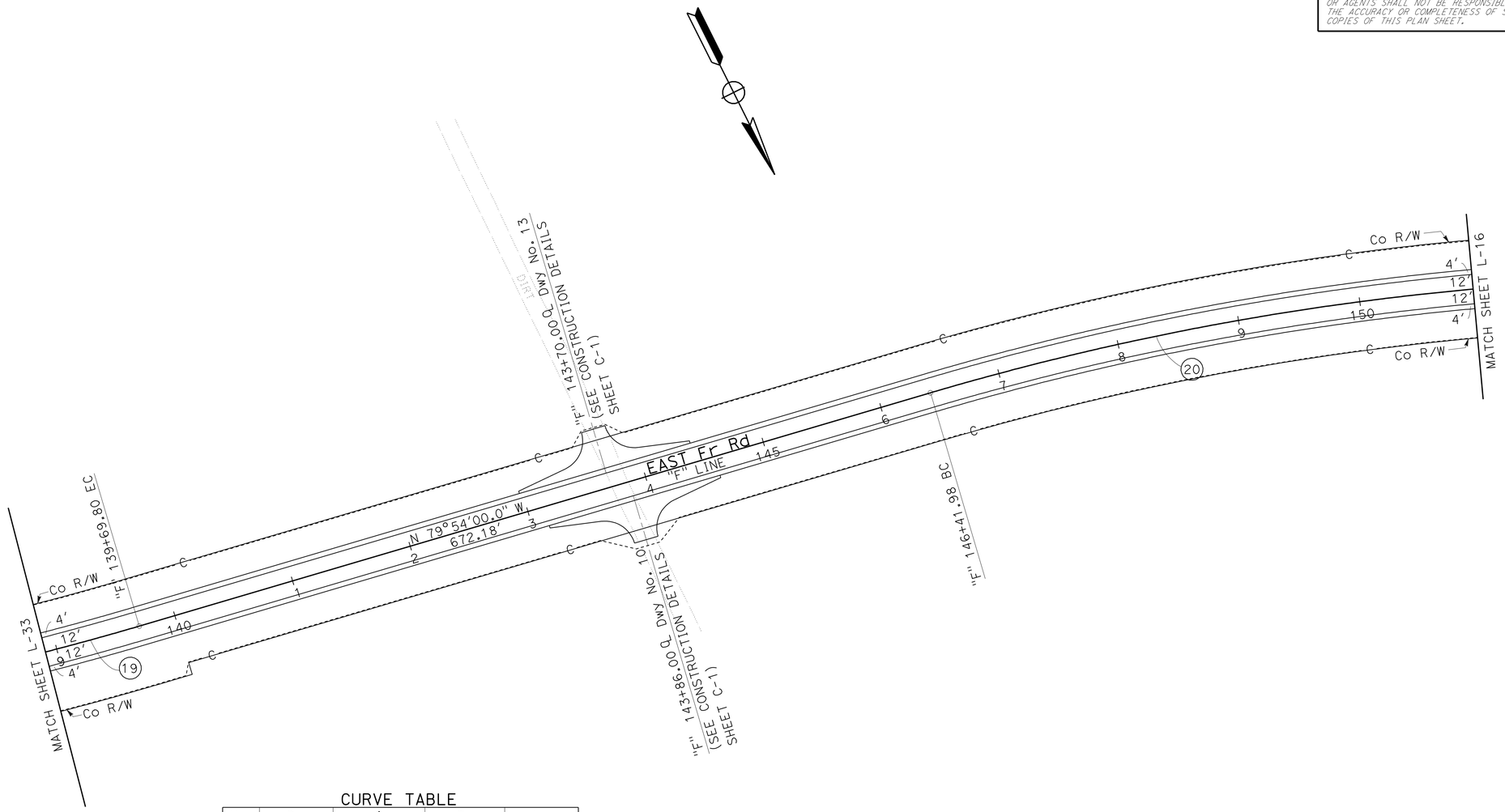
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE TABLE

No.	R	Δ	T	L
19	2300′	40°00′00.0"	837.13′	1605.70′
20	2300′	29°34′00.0"	606.97′	1186.88′

SCALE: 1" = 50′

LAYOUT L-34

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:21

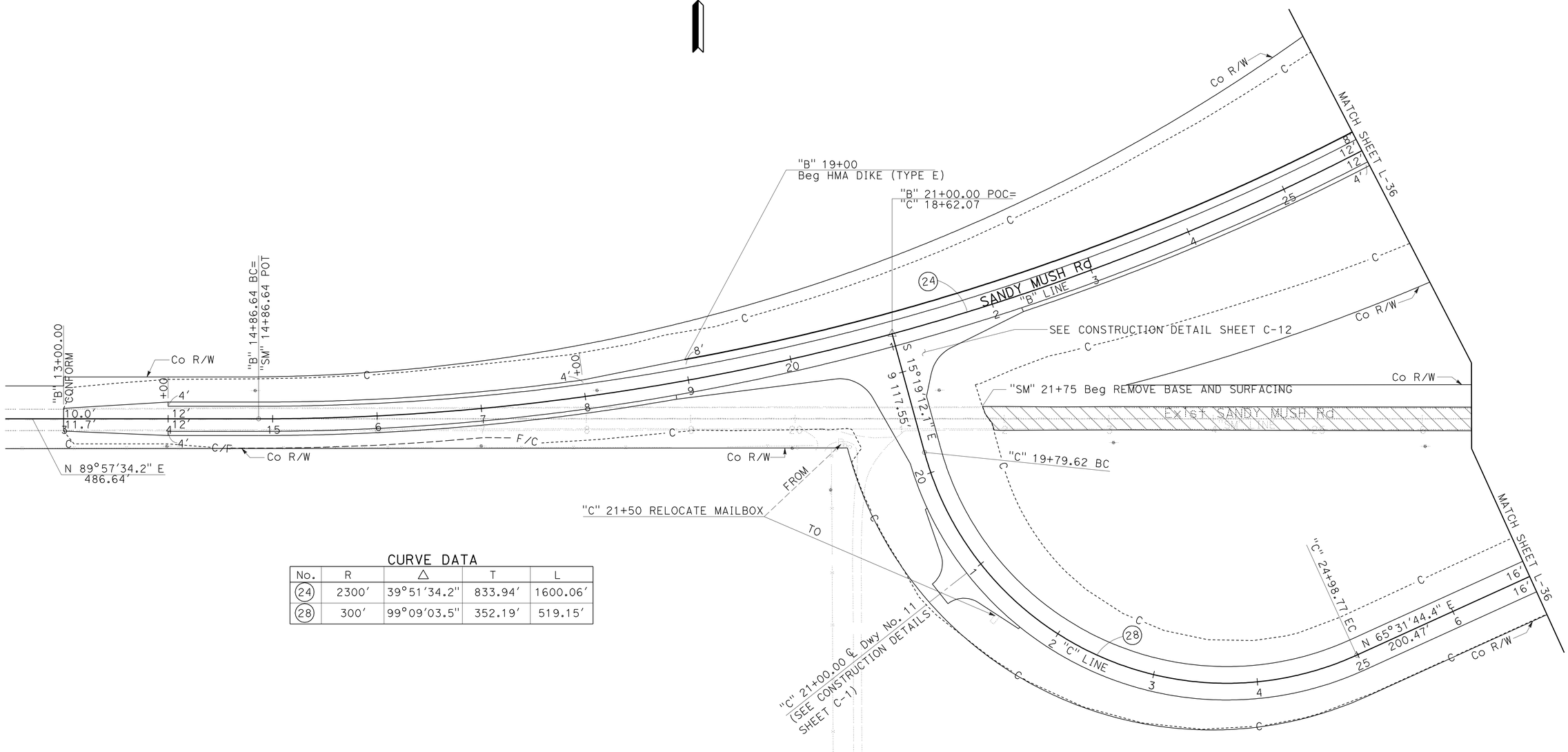
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	46	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CURVE DATA

No.	R	Δ	T	L
24	2300′	39°51′34.2″	833.94′	1600.06′
28	300′	99°09′03.5″	352.19′	519.15′

SCALE: 1" = 50′

LAYOUT L-35

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	47	607

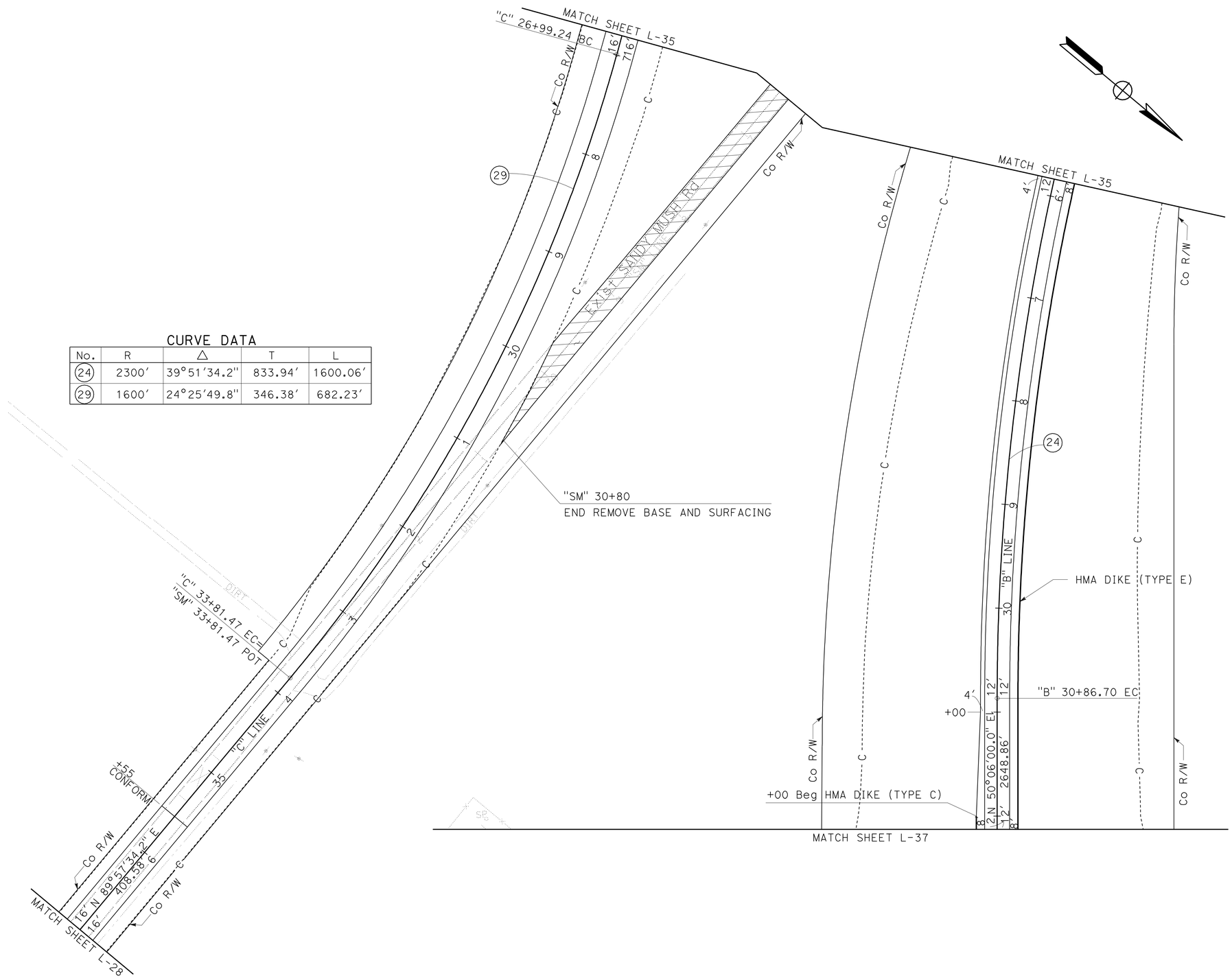
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L
24	2300′	39°51′34.2″	833.94′	1600.06′
29	1600′	24°25′49.8″	346.38′	682.23′

SCALE: 1" = 50′

LAYOUT L-36

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:21

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

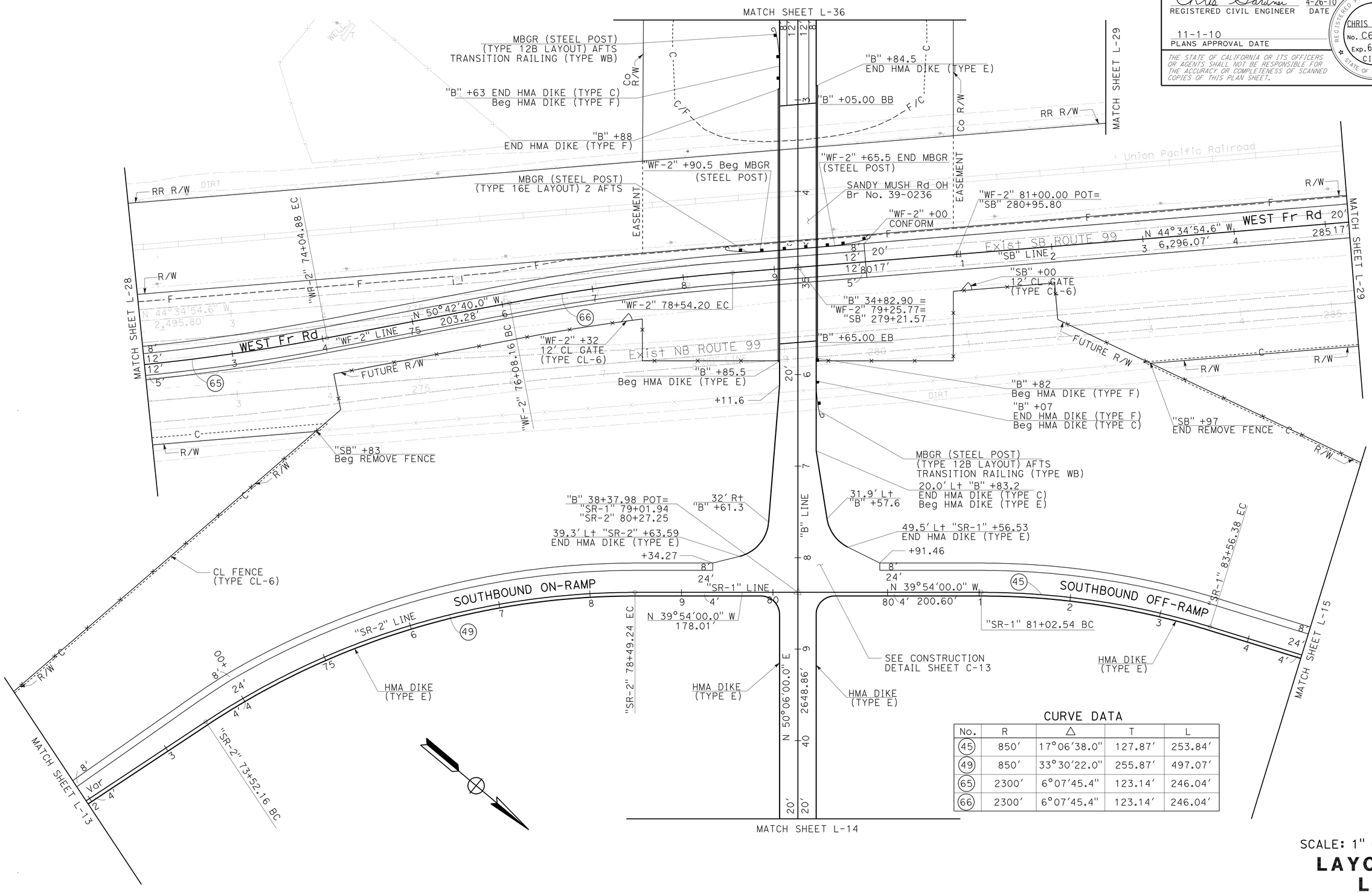
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	48	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CURVE DATA

No.	R	Δ	T	L
45	850'	17°06'38.0"	127.87'	253.84'
49	850'	33°30'22.0"	255.87'	497.07'
65	2300'	6°07'45.4"	123.14'	246.04'
66	2300'	6°07'45.4"	123.14'	246.04'

SCALE: 1" = 50'

LAYOUT L-37

REVISED BY | DATE REVISED
CHRIS GARDNER | ANONH SENGMANY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:21

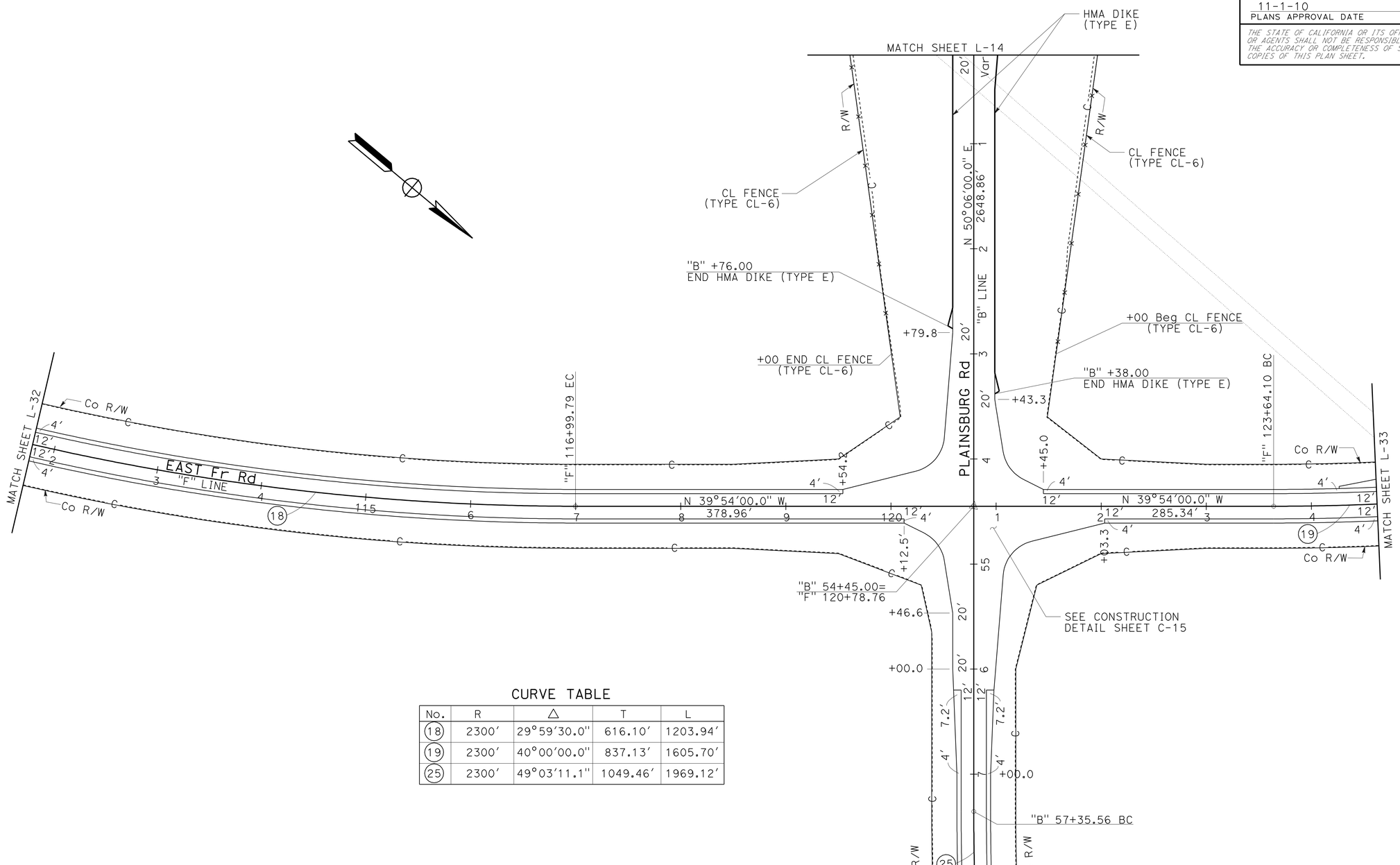
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	49	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CURVE TABLE

No.	R	Δ	T	L
18	2300′	29°59′30.0″	616.10′	1203.94′
19	2300′	40°00′00.0″	837.13′	1605.70′
25	2300′	49°03′11.1″	1049.46′	1969.12′

SCALE: 1" = 50′

LAYOUT L-38

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:21

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

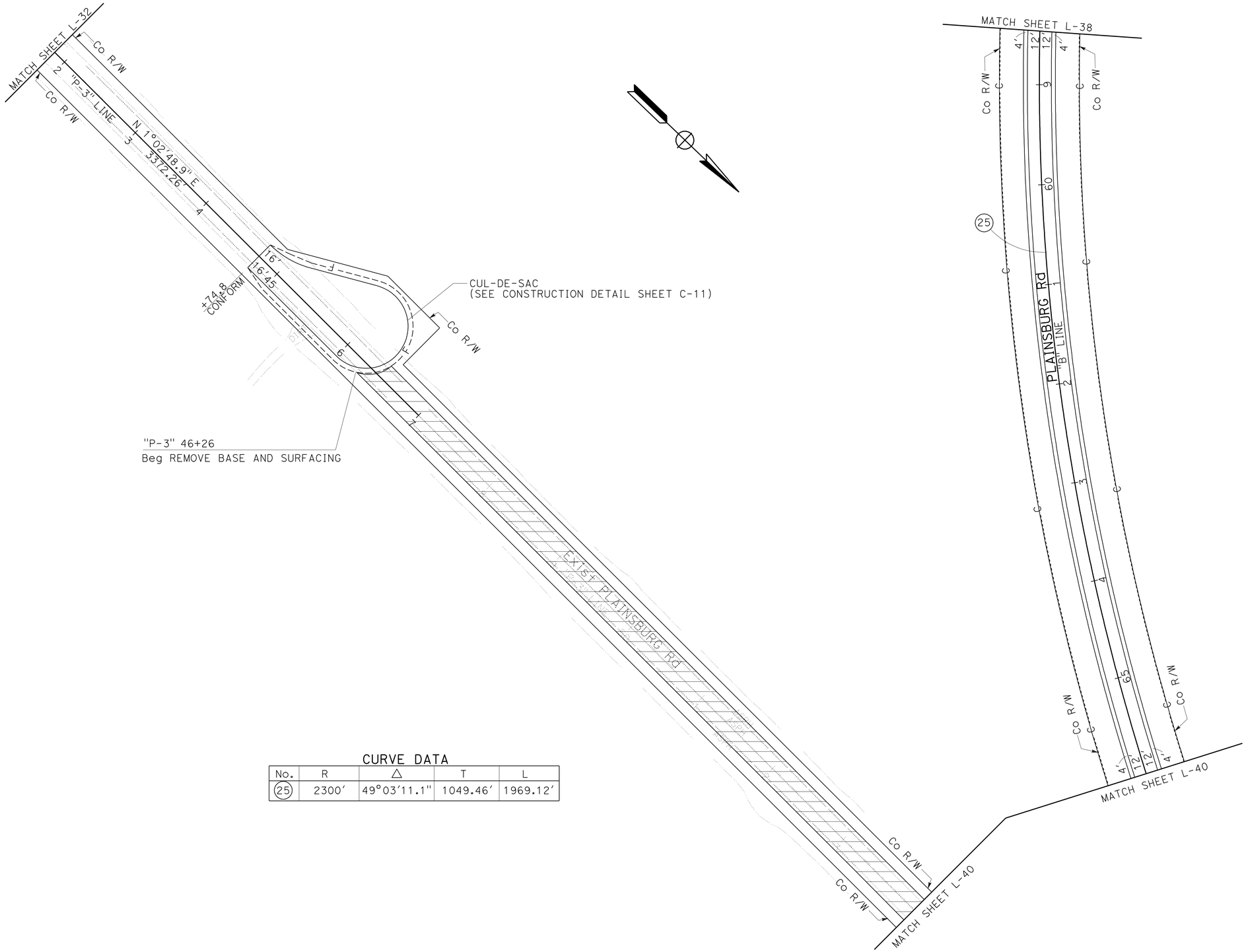
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	50	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CURVE DATA

No.	R	Δ	T	L
25	2300′	49°03′11.1"	1049.46′	1969.12′

SCALE: 1" = 50′

LAYOUT L-39

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:22

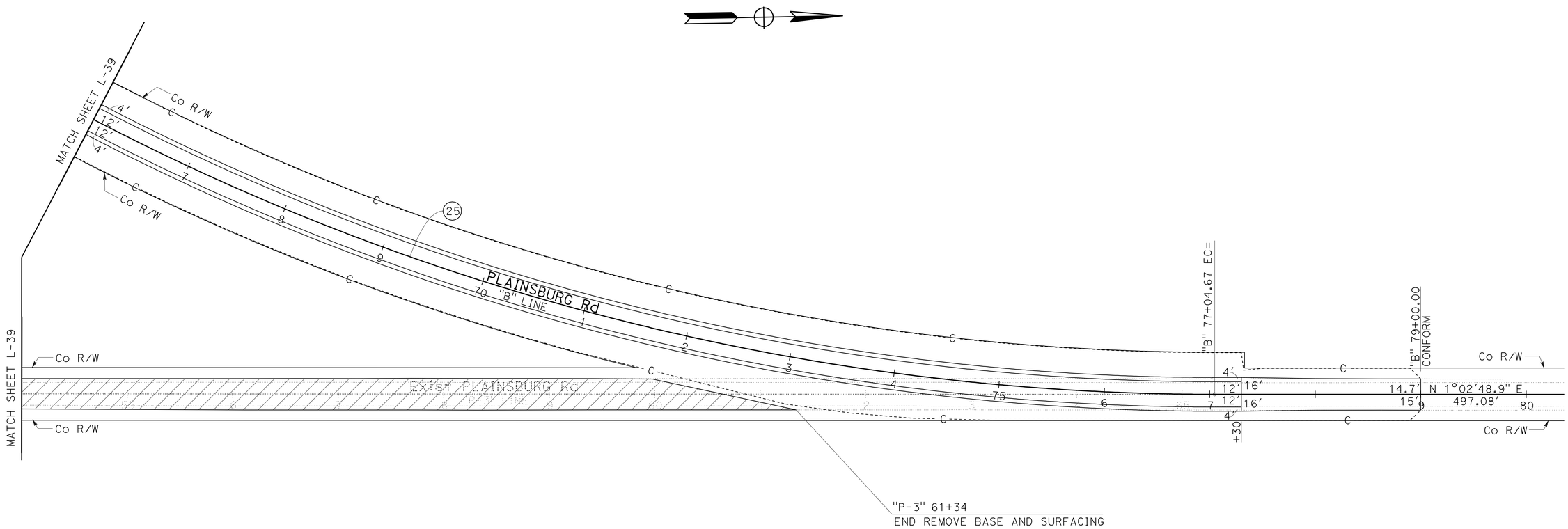
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	51	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CURVE DATA

No.	R	Δ	T	L
25	2300′	49°03′11.1"	1049.46′	1969.12′

SCALE: 1" = 50′

LAYOUT L-40

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 24-NOV-2010
TIME PLOTTED => 10:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	52	607

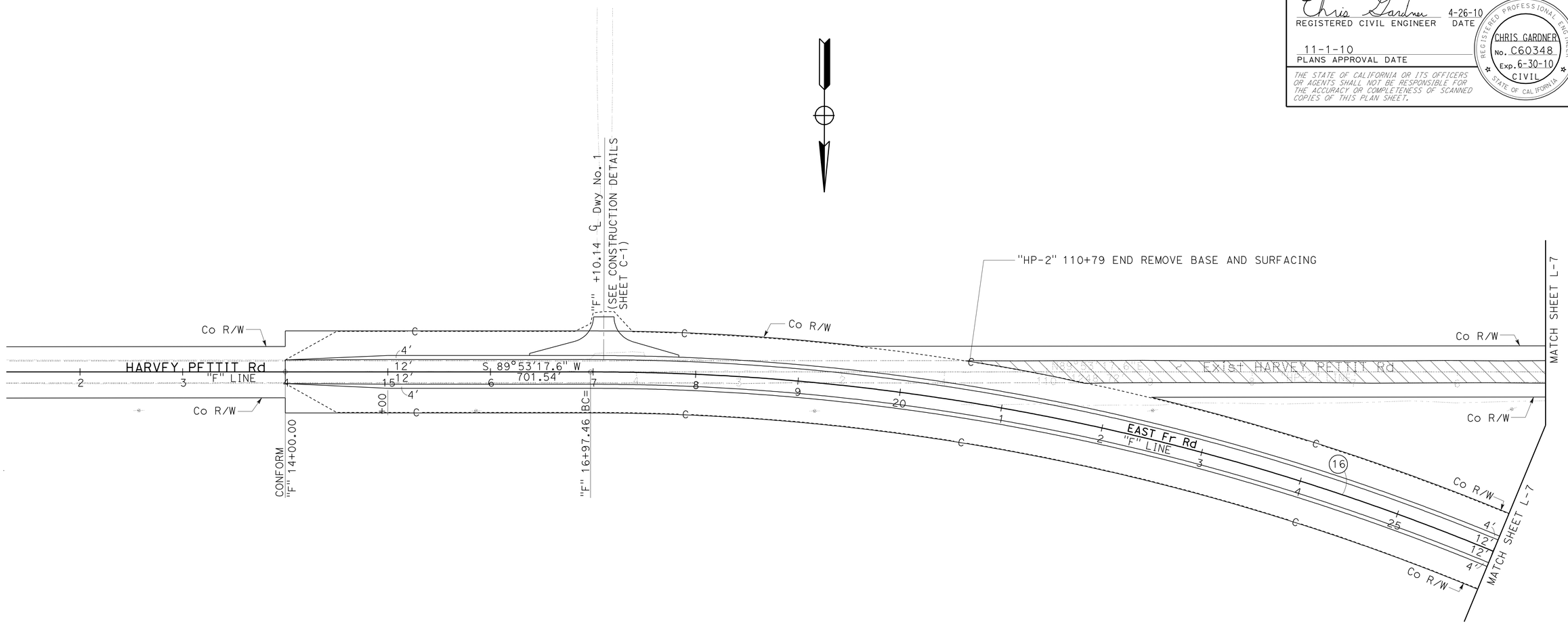
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:
FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	△	T	L
16	2300′	46°12′42.4″	981.31′	1855.06′

SCALE: 1" = 50′

LAYOUT
L-41

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:22

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	53	607

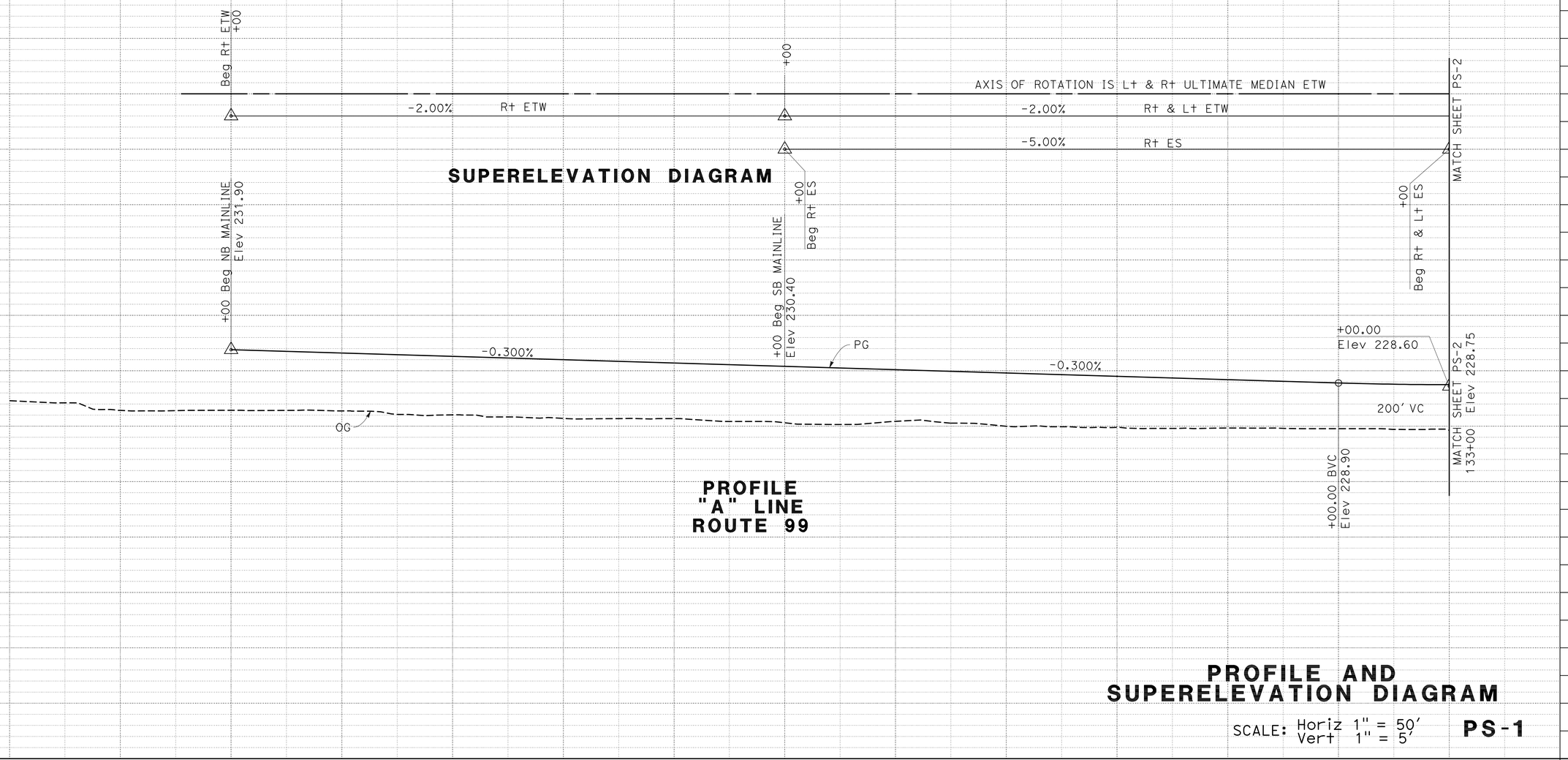
Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE: THE MAINLINE MEDIAN HMA SHOULDERS SLOPE AT -2% AWAY FROM THE MEDIAN EDGE OF TRAVELED WAY UNLESS OTHERWISE NOTED. SEE TYPICAL CROSS SECTION AND STRUCTURE PLANS.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-1

STATION		120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00	130+00	131+00	132+00	133+00	TOTAL
CY	Exc			2,675												2,675
	Emb			12,311												12,311

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:22

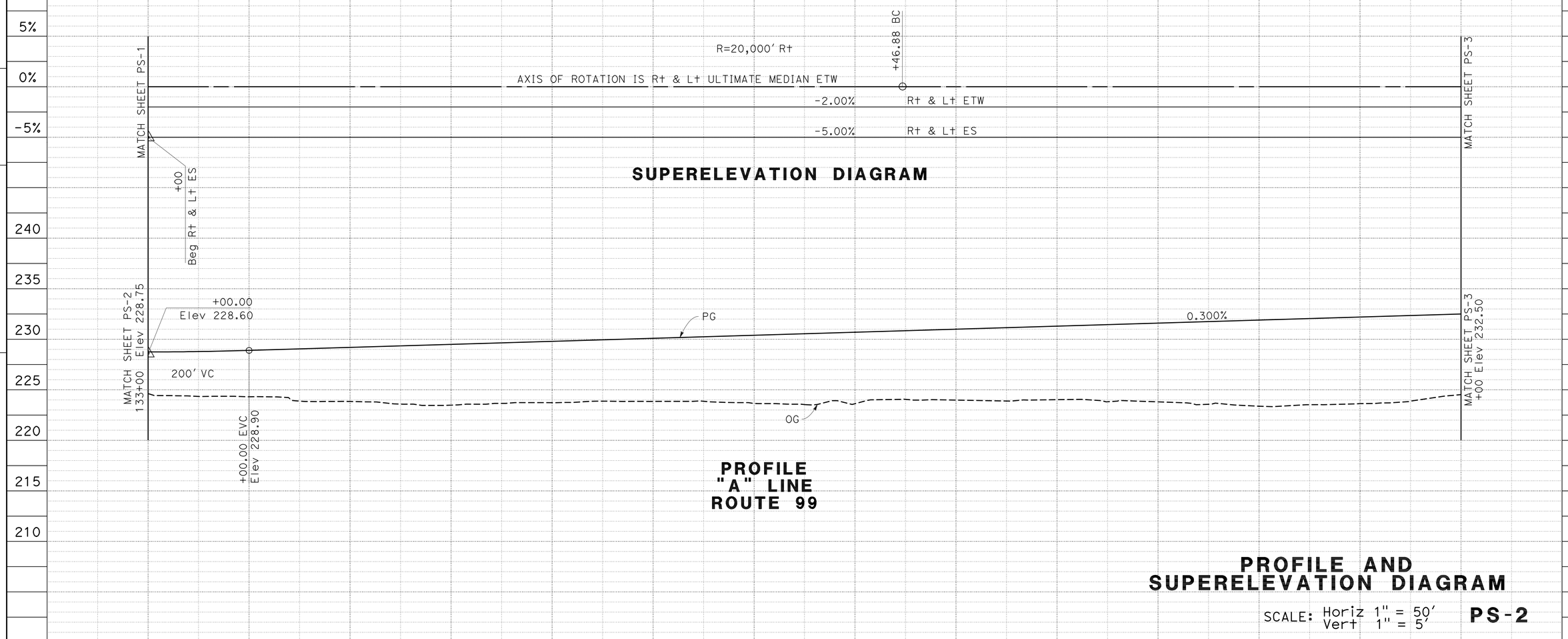
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	54	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATION	133+00	134+00	135+00	136+00	137+00	138+00	139+00	140+00	141+00	142+00	143+00	144+00	145+00	146+00	TOTAL
CY Exc	5,969														5,969
CY Emb	24,499														24,499

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:22

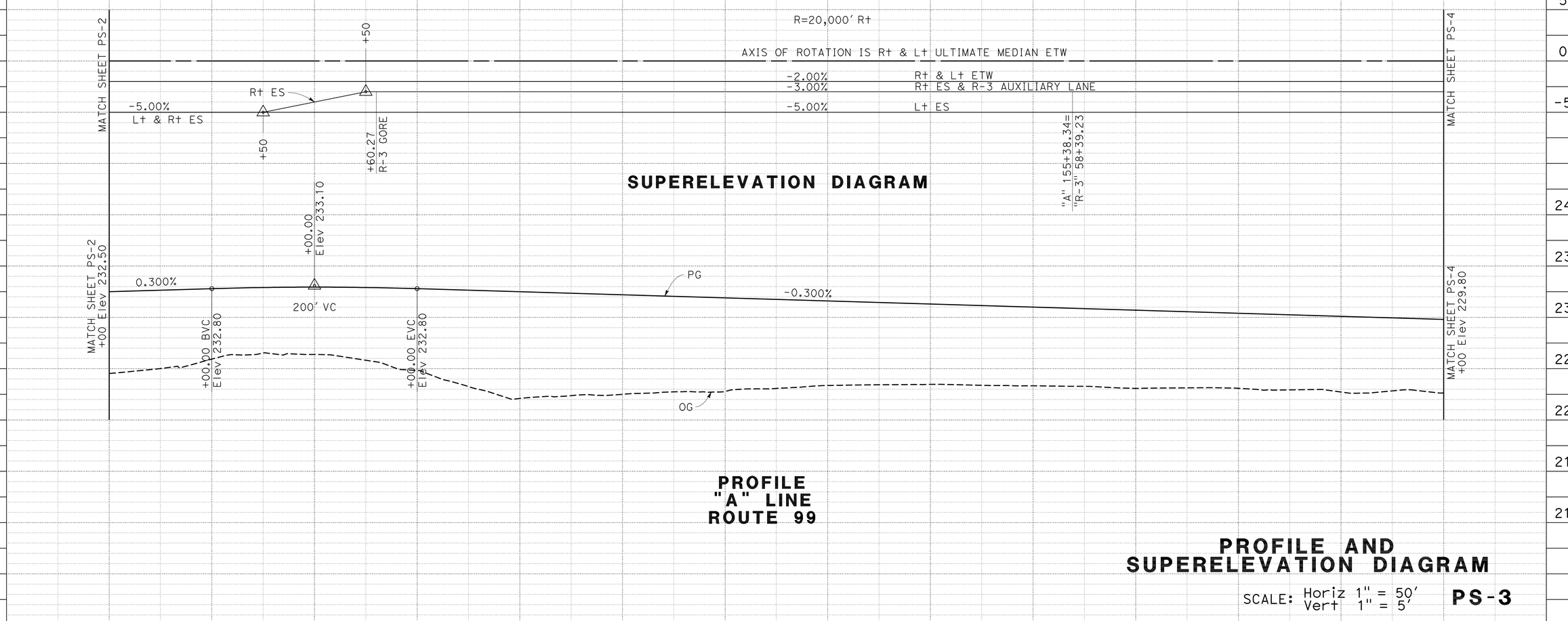
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	55	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-3

STATION	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00	154+00	155+00	156+00	157+00	158+00	159+00	TOTAL
CY Exc	15,509														15,509
CY Emb	57,973														57,973

REVISED BY | DATE REVISED
CHRIS GARDNER | ANONH SENGMANY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:22

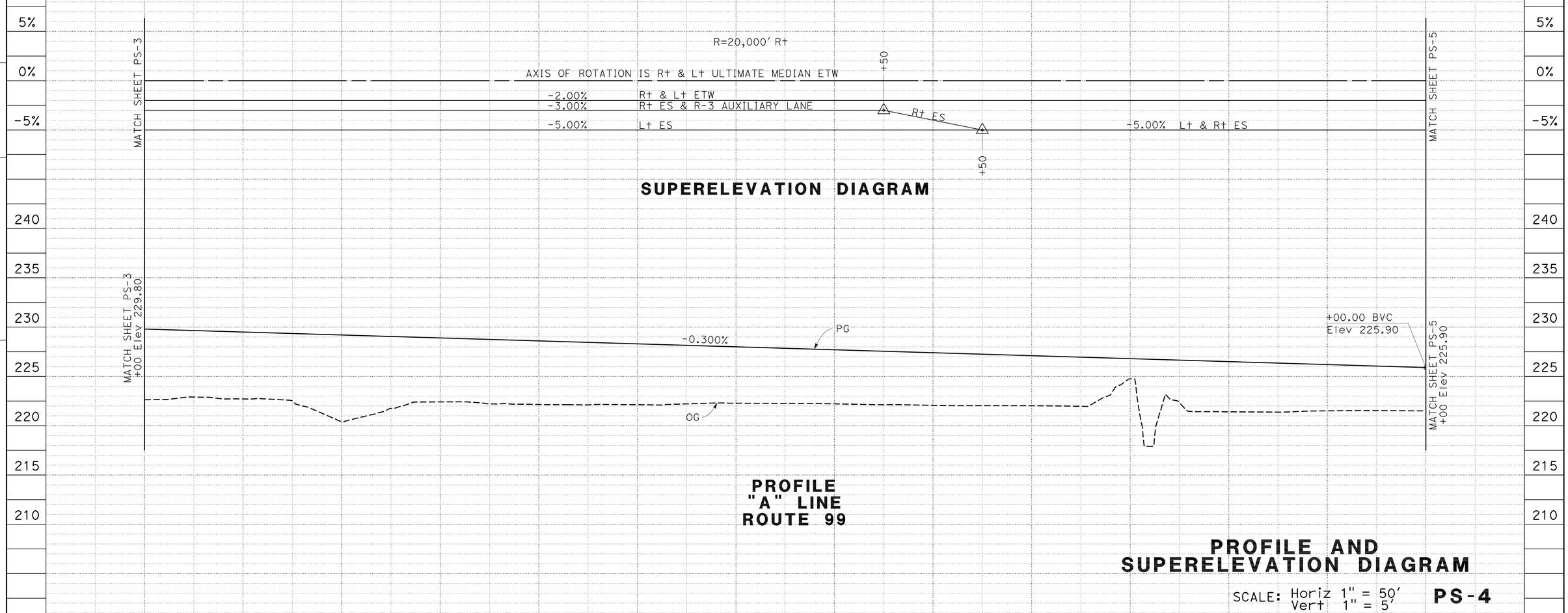
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	56	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-4

STATION		159+00	160+00	161+00	162+00	163+00	164+00	165+00	166+00	167+00	168+00	169+00	170+00	171+00	172+00	TOTAL
CY	Exc	3,560			20,358											23,918
	Emb	10,070			27,581											37,651

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:22

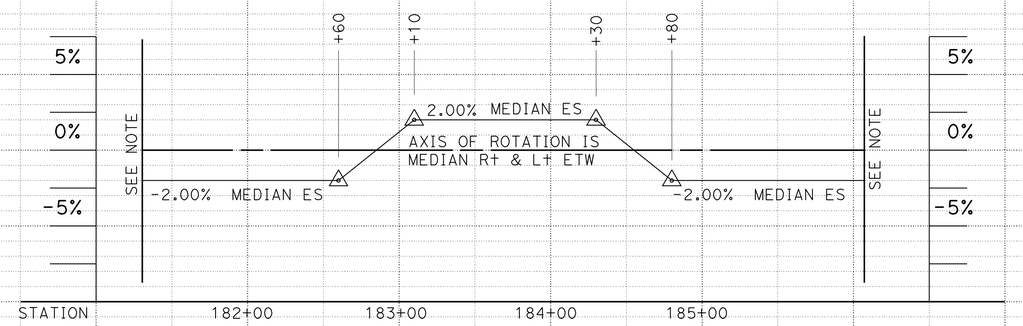
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	57	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

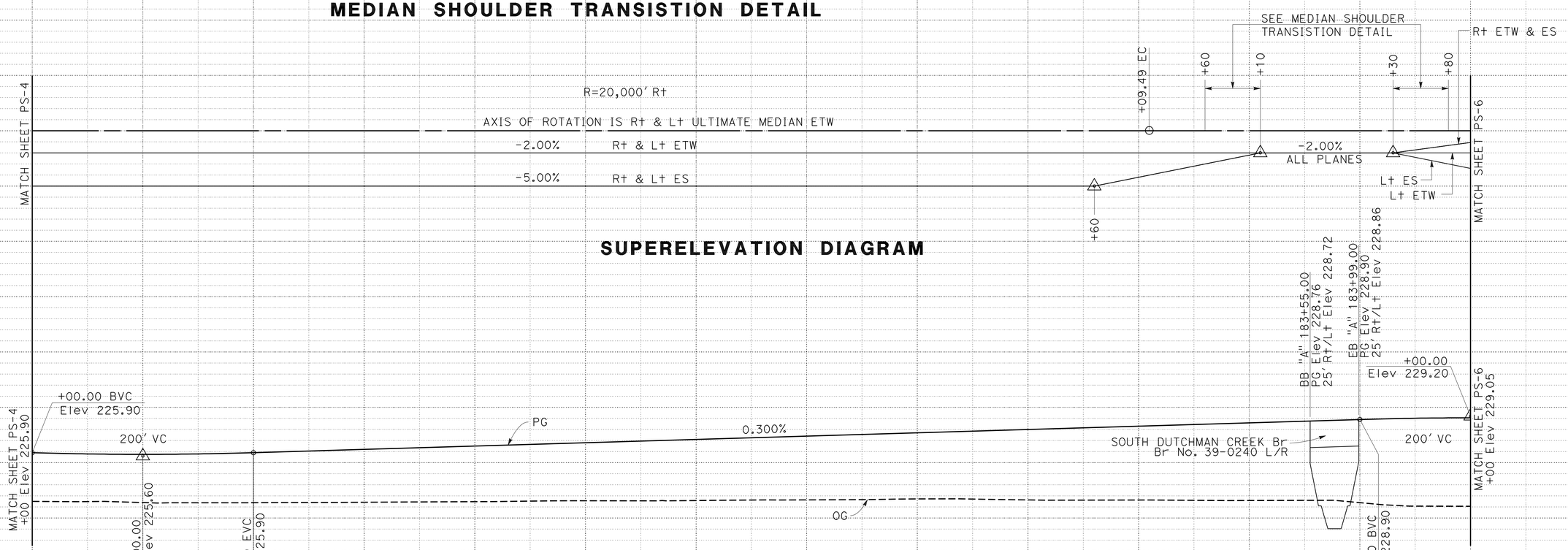
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



MEDIAN SHOULDER TRANSISTION DETAIL



SUPERELEVATION DIAGRAM

PROFILE "A" LINE ROUTE 99

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-5

STATION		172+00	173+00	174+00	175+00	176+00	177+00	178+00	179+00	180+00	181+00	182+00	183+00	184+00	185+00	TOTAL
CY	Exc						8,916						204	269		9,389
	Emb						29,090						2,068	3,387		34,545

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:22

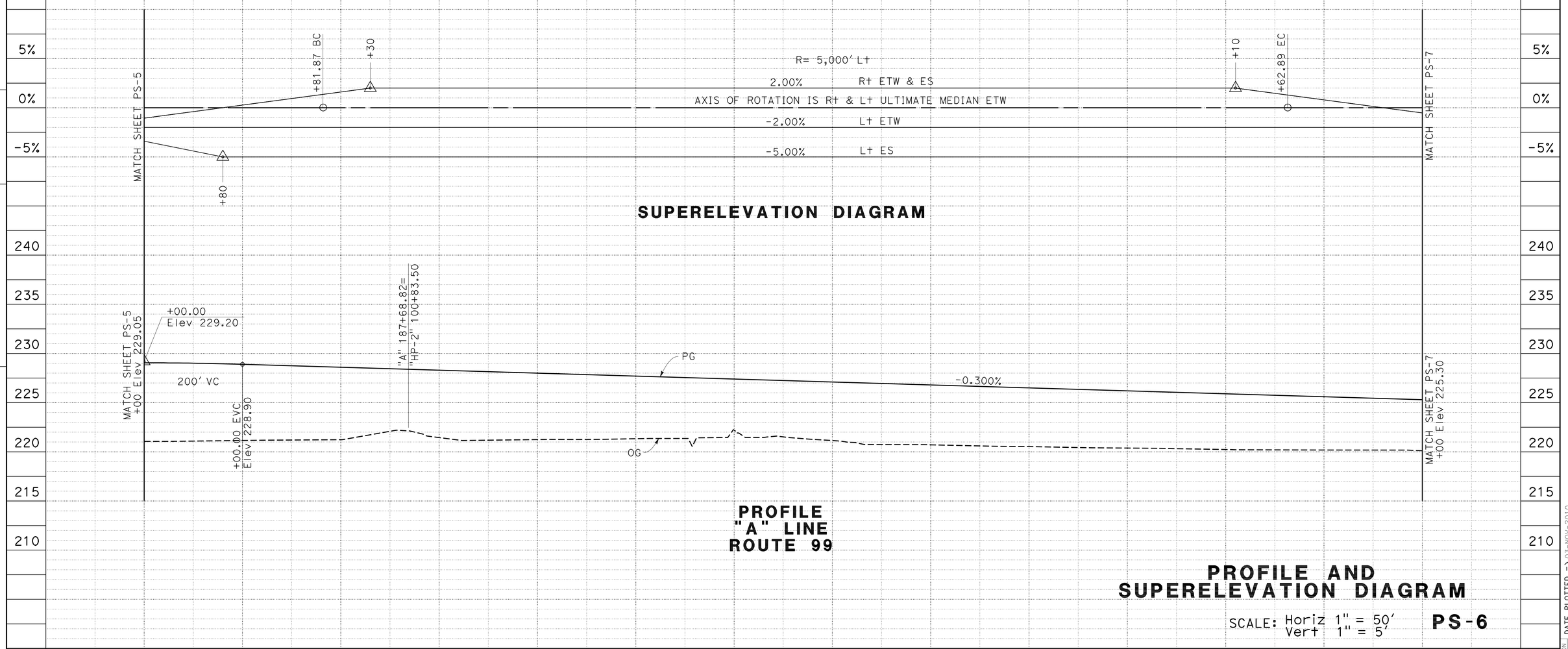
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	58	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-6

STATION		185+00	186+00	187+00	188+00	189+00	190+00	191+00	192+00	193+00	194+00	195+00	196+00	197+00	198+00	TOTAL
CY	Exc	8,766														8,766
	Emb	46,713														46,713

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:22

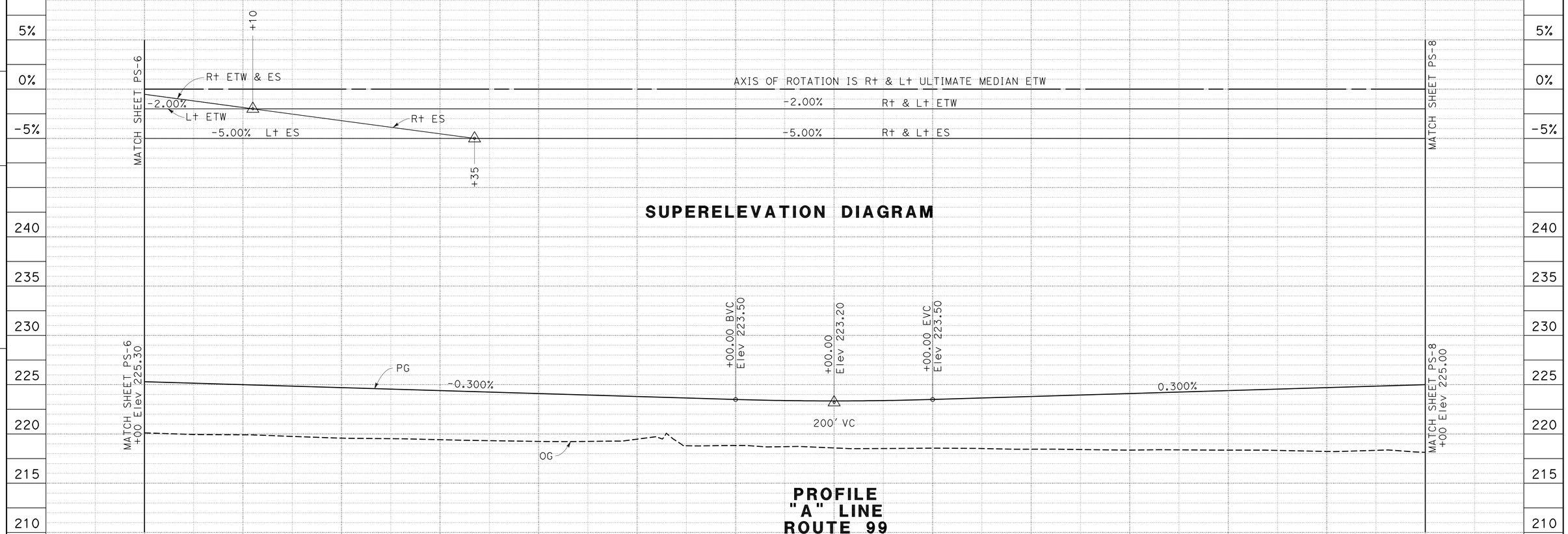
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	59	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-7

STATION	198+00	199+00	200+00	201+00	202+00	203+00	204+00	205+00	206+00	207+00	208+00	209+00	210+00	211+00	TOTAL
CY Exc	9,278														9,278
CY Emb	30,297														30,297

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:22

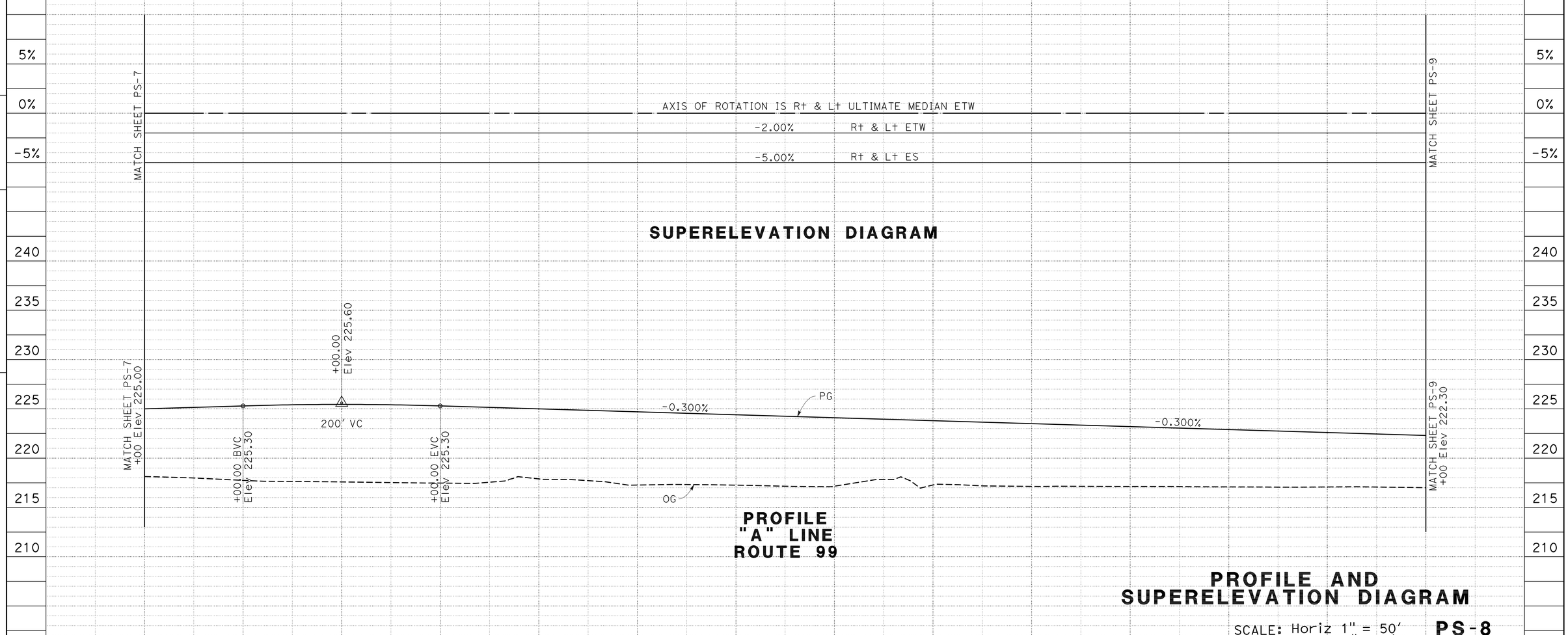
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	60	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:23

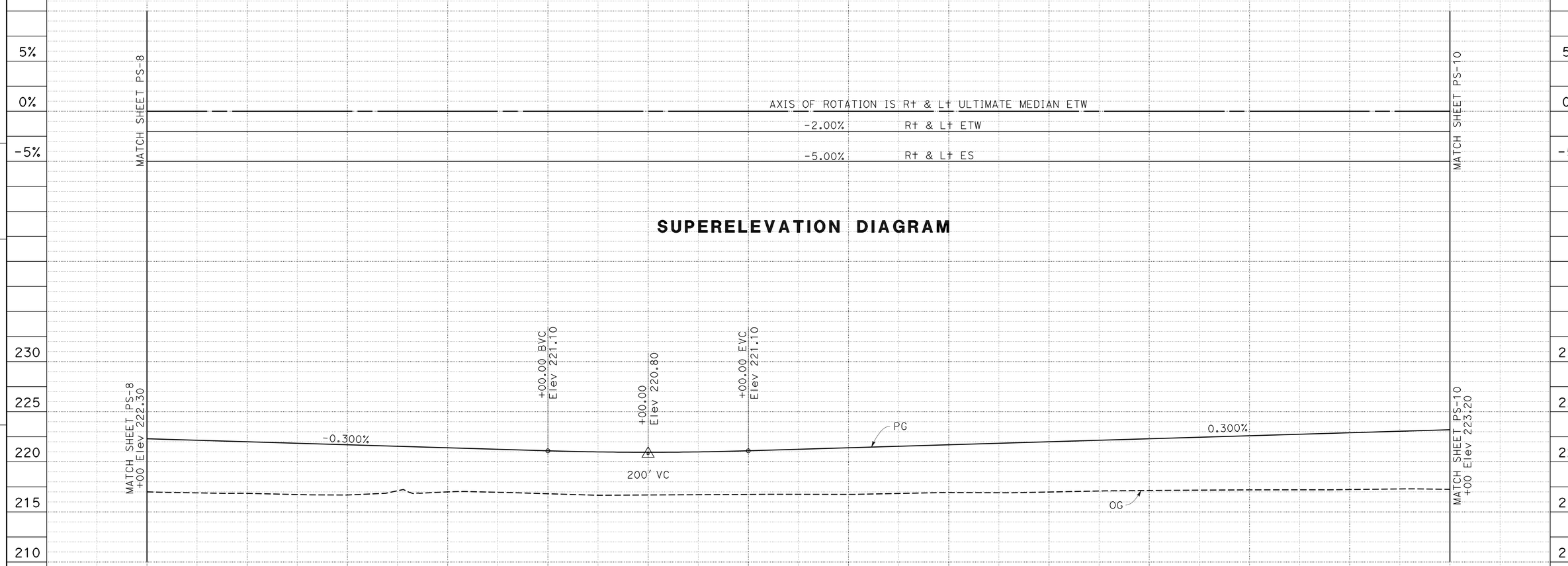
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	61	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATION		224+00	225+00	226+00	227+00	228+00	229+00	230+00	231+00	232+00	233+00	234+00	235+00	236+00	237+00	TOTAL
CY	Exc	8,039														8,039
	Emb	27,380														27,380

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:23

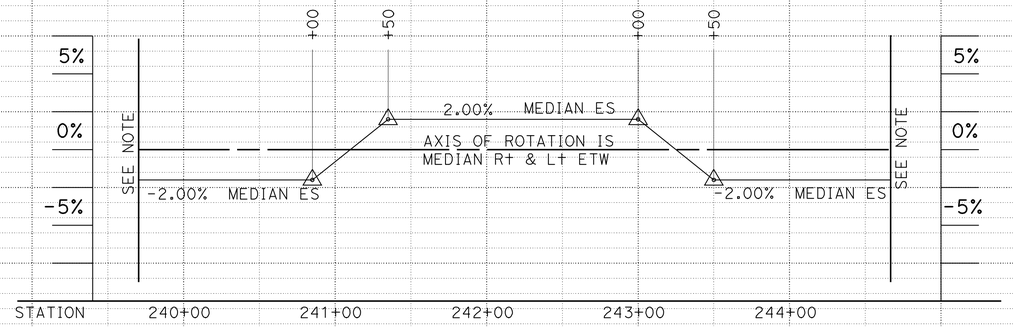
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	62	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

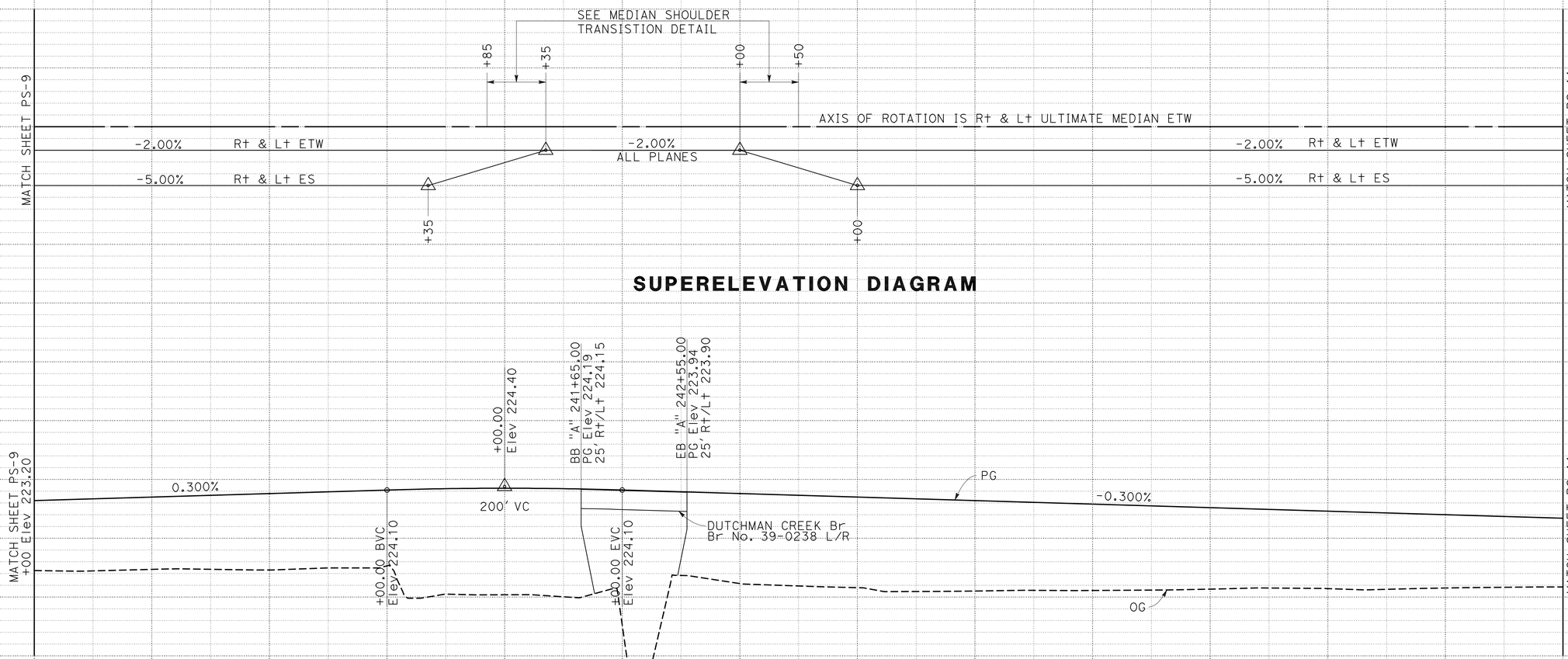
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



MEDIAN SHOULDER TRANSISTION DETAIL



SUPERELEVATION DIAGRAM

PROFILE "A" LINE ROUTE 99

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-10

STATION		237+00	238+00	239+00	240+00	241+00	242+00	243+00	244+00	245+00	246+00	247+00	248+00	249+00	250+00	TOTAL
CY	Exc	1,827					0	3,643								5,470
	Emb	17,126					1,971	27,404								46,501

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:23

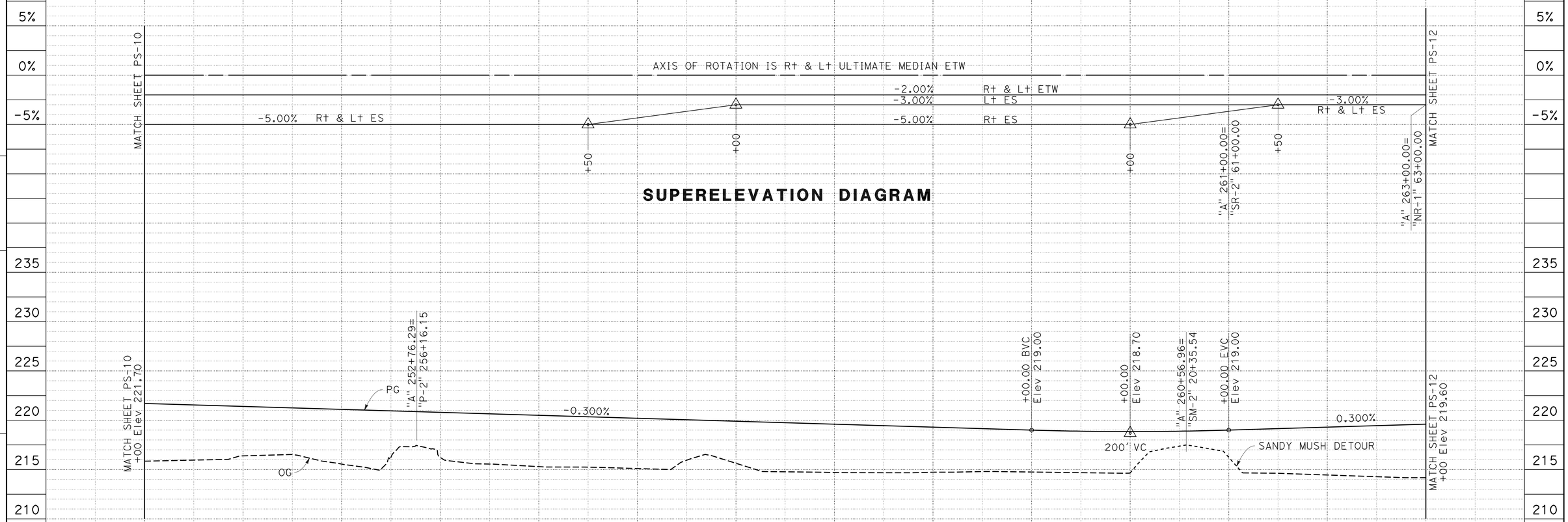
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	63	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-11

STATION		250+00	251+00	252+00	253+00	254+00	255+00	256+00	257+00	258+00	259+00	260+00	261+00	262+00	263+00	TOTAL
CY	Exc	12,011									6,156					18,167
	Emb	17,089									6,893					23,982

REVISED BY | DATE REVISED
CHRIS GARDNER | ANONH SENGMANY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:23

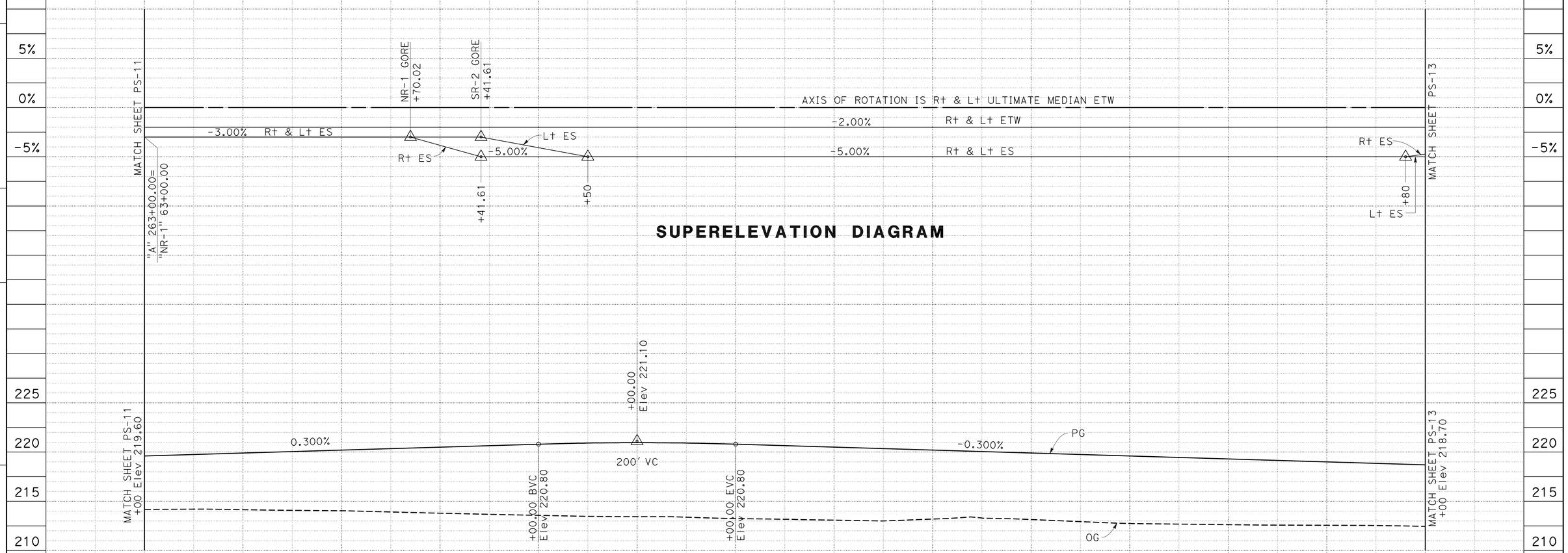
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	64	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM

PROFILE "A" LINE ROUTE 99

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50' Vert 1" = 5'

PS-12

STATION		263+00	264+00	265+00	266+00	267+00	268+00	269+00	270+00	271+00	272+00	273+00	274+00	275+00	276+00	TOTAL
CY	Exc	2,315						30,092								32,407
	Emb	17,793						27,529								45,322

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:23

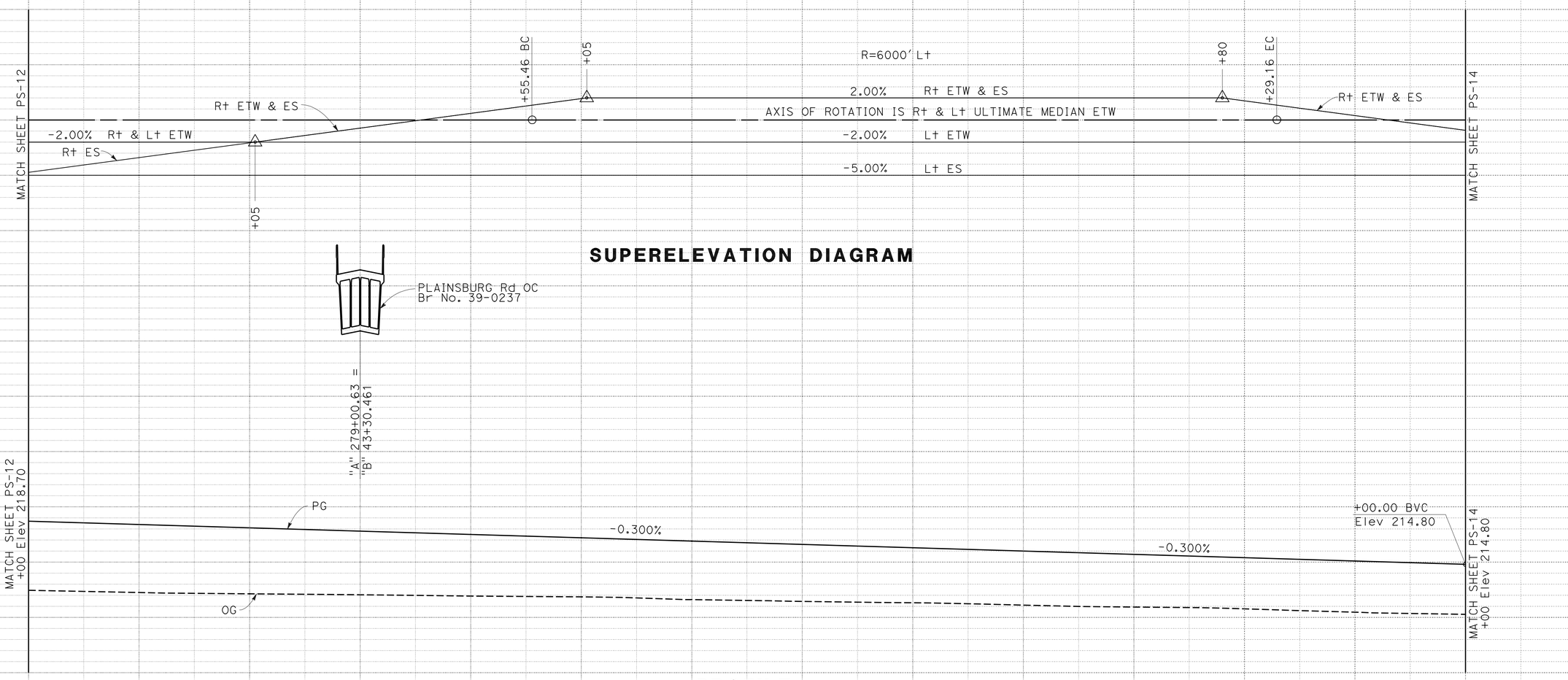
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	65	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-13

STATION		276+00	277+00	278+00	279+00	280+00	281+00	282+00	283+00	284+00	285+00	286+00	287+00	288+00	289+00	TOTAL
CY	Exc	11,258				37,462										48,720
	Emb	9,176				25,787										34,963

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:23

BORDER LAST REVISED 4/11/2008
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => trpierce
DGN FILE => a41580fb013.dgn
CU 06254
EA 415801

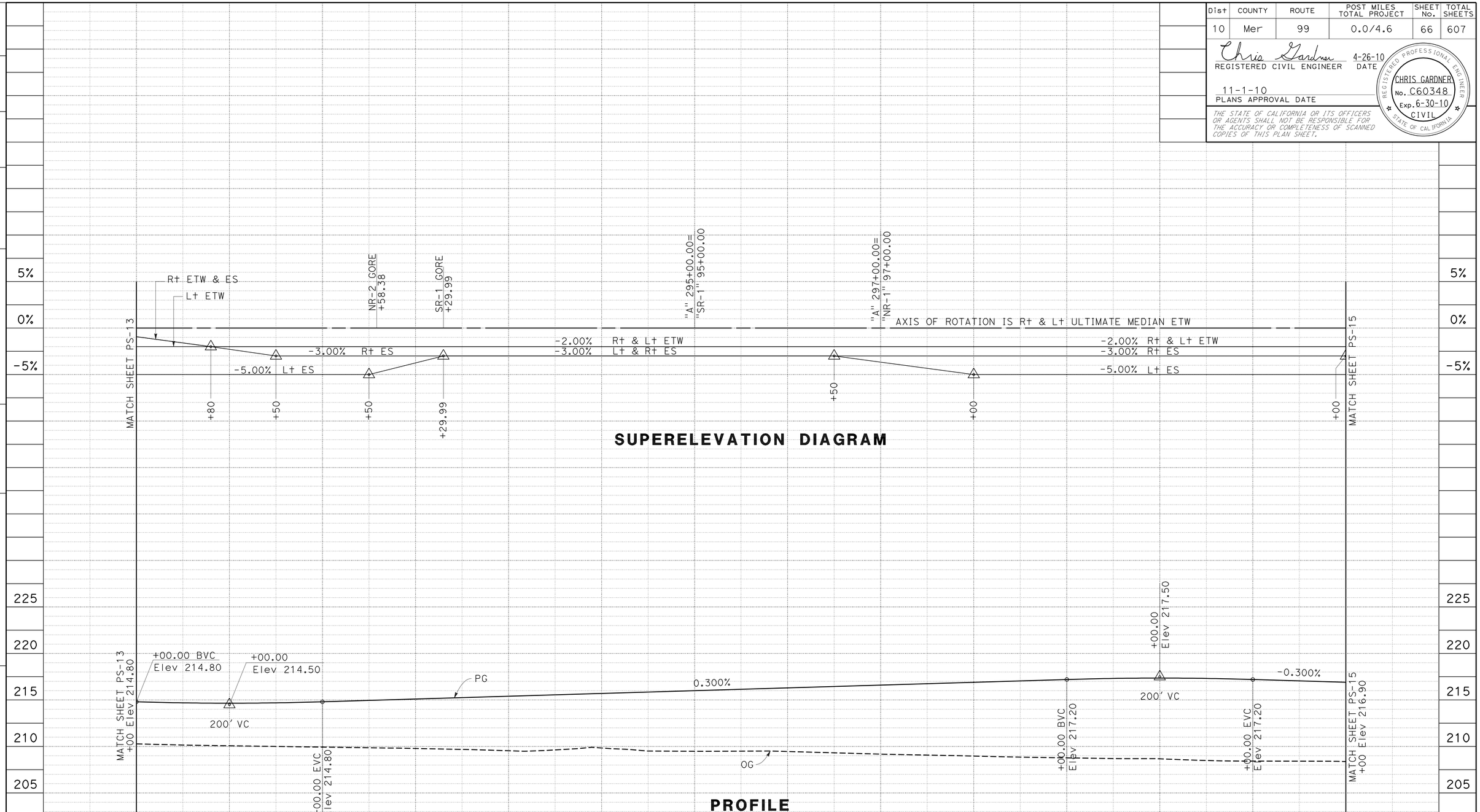
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	66	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50' Vert 1" = 5'

PS-14

STATION		289+00	290+00	291+00	292+00	293+00	294+00	295+00	296+00	297+00	298+00	299+00	300+00	301+00	302+00	TOTAL
CY	Exc	359		4,166						5,885						10,410
	Emb	2,687		18,744						28,212						49,643

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:23

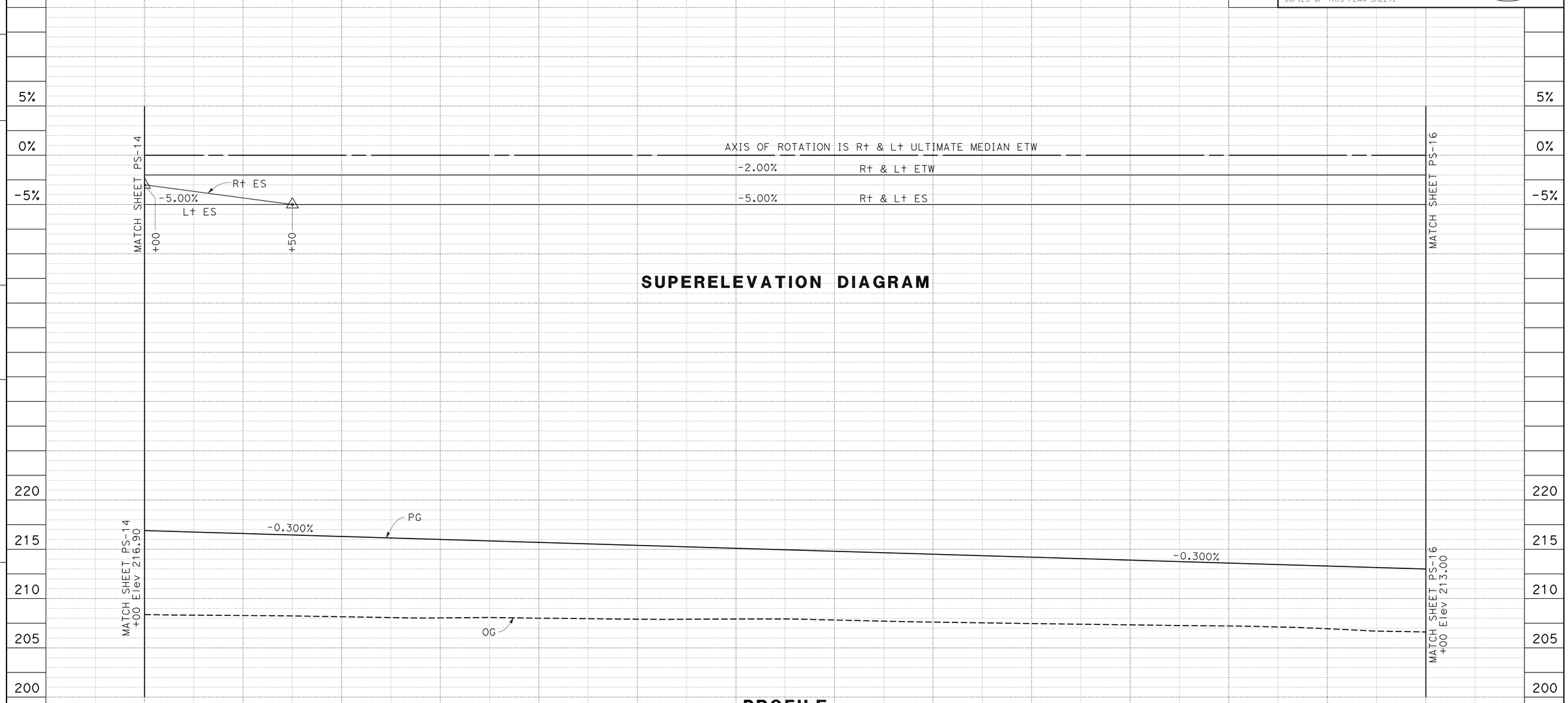
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	67	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-15

STATION		302+00	303+00	304+00	305+00	306+00	307+00	308+00	309+00	310+00	311+00	312+00	313+00	314+00	315+00	TOTAL
CY	Exc				6,078				9,460							15,538
	Emb				24,645				24,240							48,885

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:23

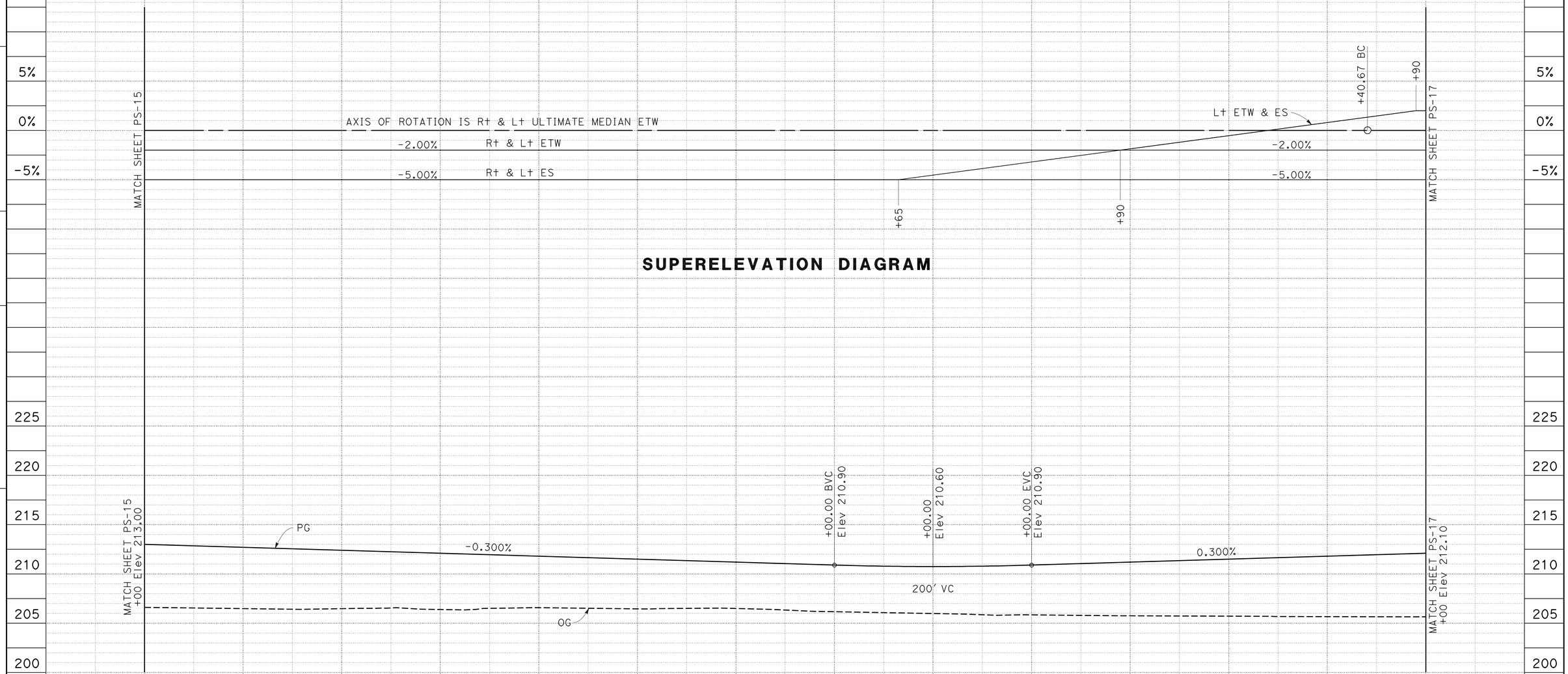
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	68	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM

PROFILE "A" LINE ROUTE 99

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-16

STATION		315+00	316+00	317+00	318+00	319+00	320+00	321+00	322+00	323+00	324+00	325+00	326+00	327+00	328+00	TOTAL
CY	Exc	18,068														18,068
	Emb	33,527														33,527

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION: DATE PLOTTED => 03-NOV-2010
04-26-10 TIME PLOTTED => 11:23

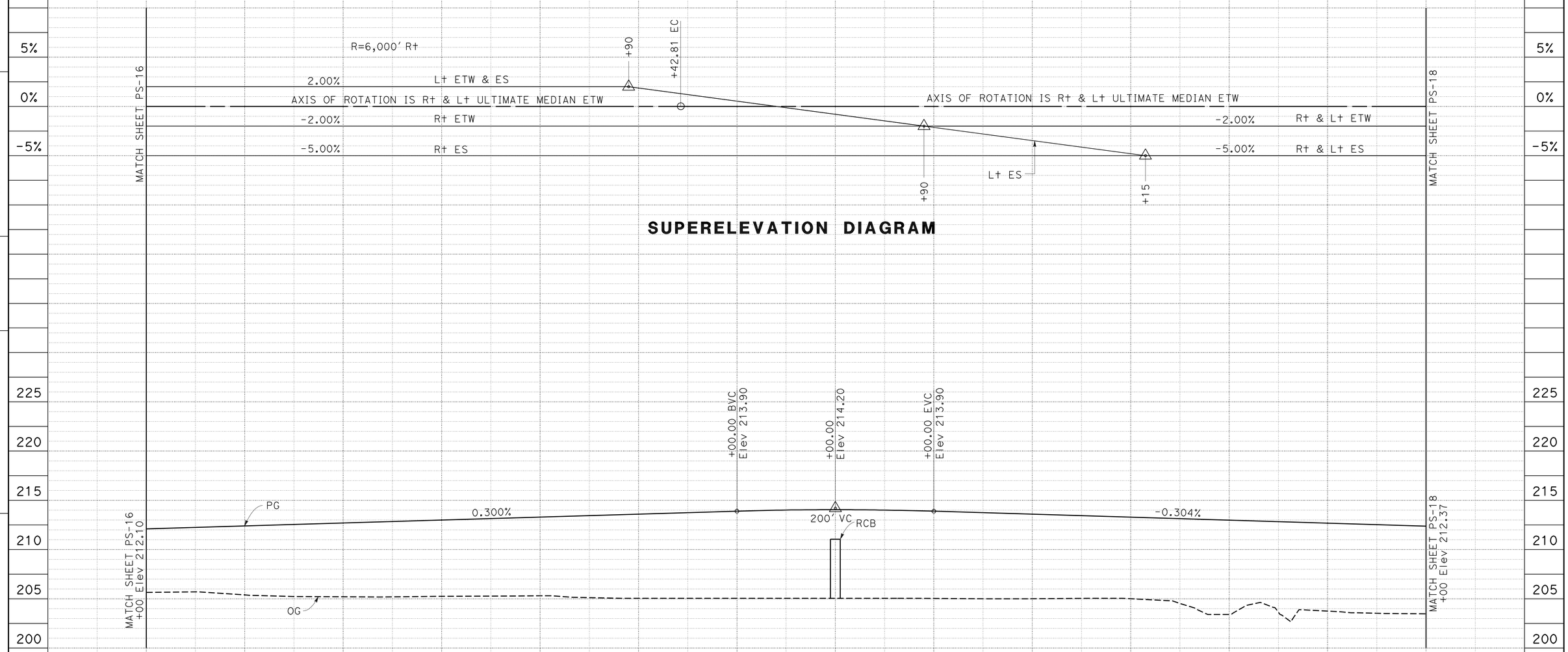
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	69	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM

PROFILE "A" LINE ROUTE 99

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-17

STATION	328+00	329+00	330+00	331+00	332+00	333+00	334+00	335+00	336+00	337+00	338+00	339+00	340+00	341+00	TOTAL
CY Exc	6,447							923	6,622						13,992
CY Emb	31,835							5,038	28,684						65,557

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:24

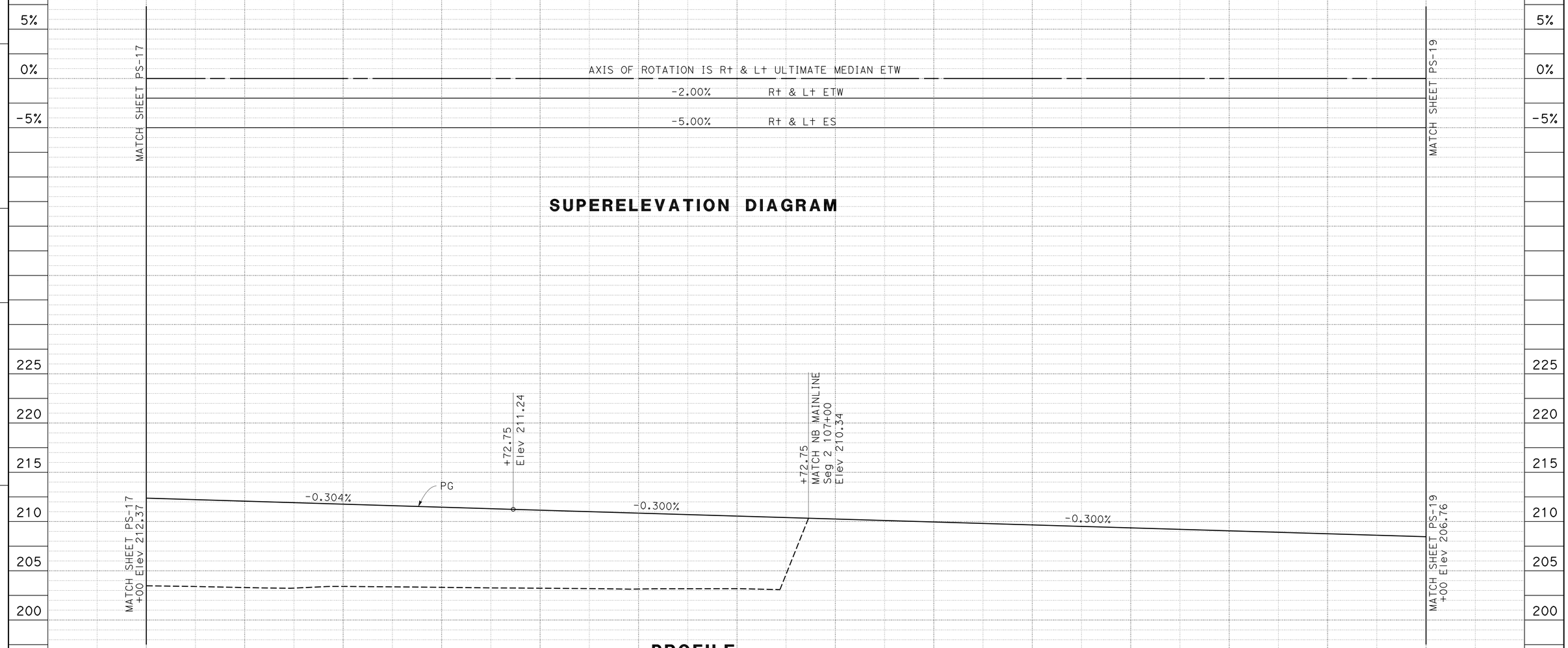
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	70	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-18

STATION	341+00	342+00	343+00	344+00	345+00	346+00	347+00	348+00	349+00	350+00	351+00	352+00	353+00	354+00	TOTAL
CY Exc	19,282														19,282
CY Emb	41,062														41,062

REVISED BY | DATE REVISED
CHRIS GARDNER | ANONH SENGMANY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:24

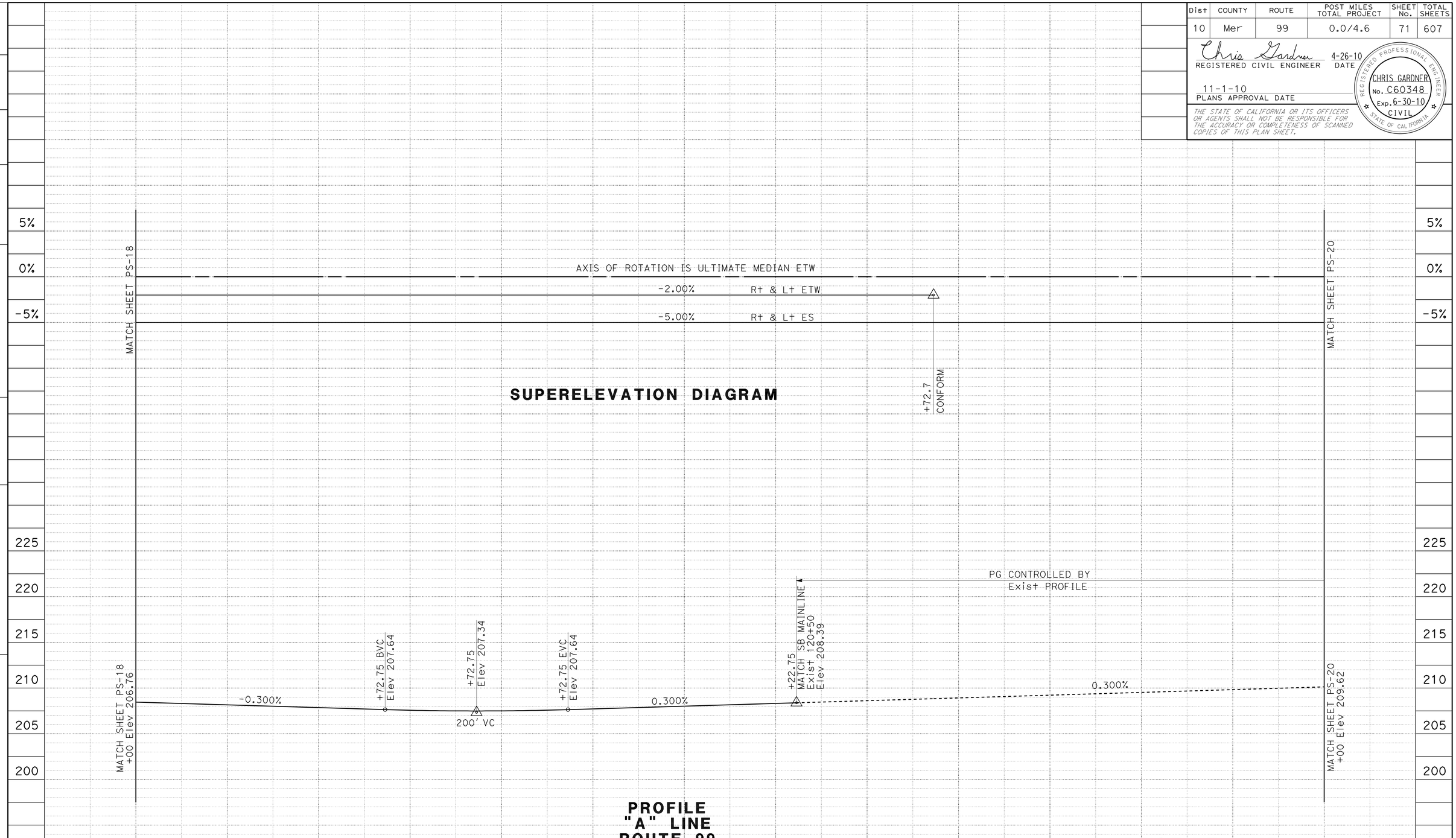
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	71	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATION	354+00	355+00	356+00	357+00	358+00	359+00	360+00	361+00	362+00	363+00	364+00	365+00	366+00	367+00	TOTAL
CY Exc	12,495														12,495
CY Emb	3,128														3,128

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:24

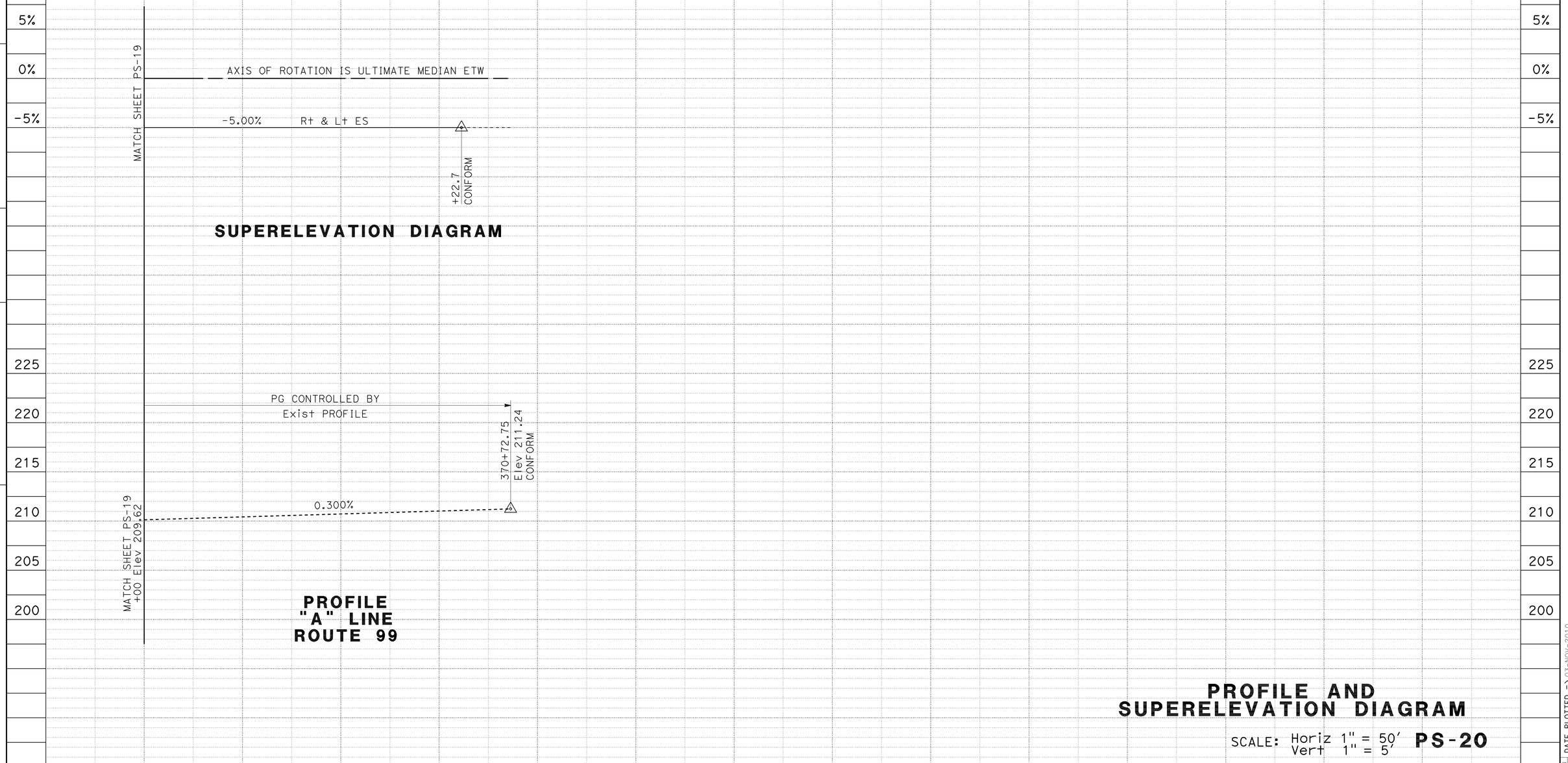
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	72	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-20

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:24

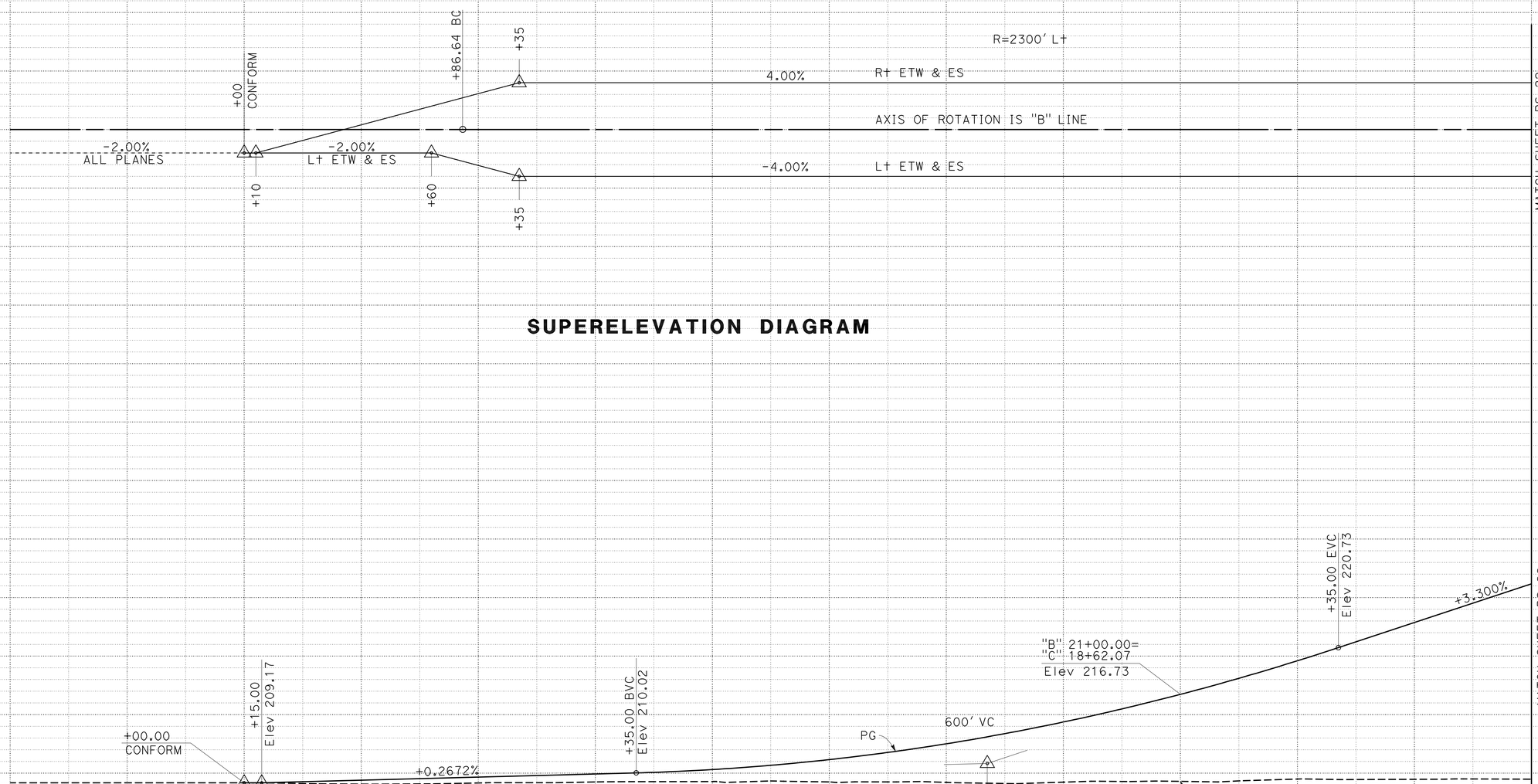
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	73	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM

PROFILE
"B" LINE
SANDY MUSH ROAD
PLAINSBURG ROAD

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-21

STATION	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	TOTAL
CY Exc			1,476												1,476
CY Emb			12,239												12,239

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:24

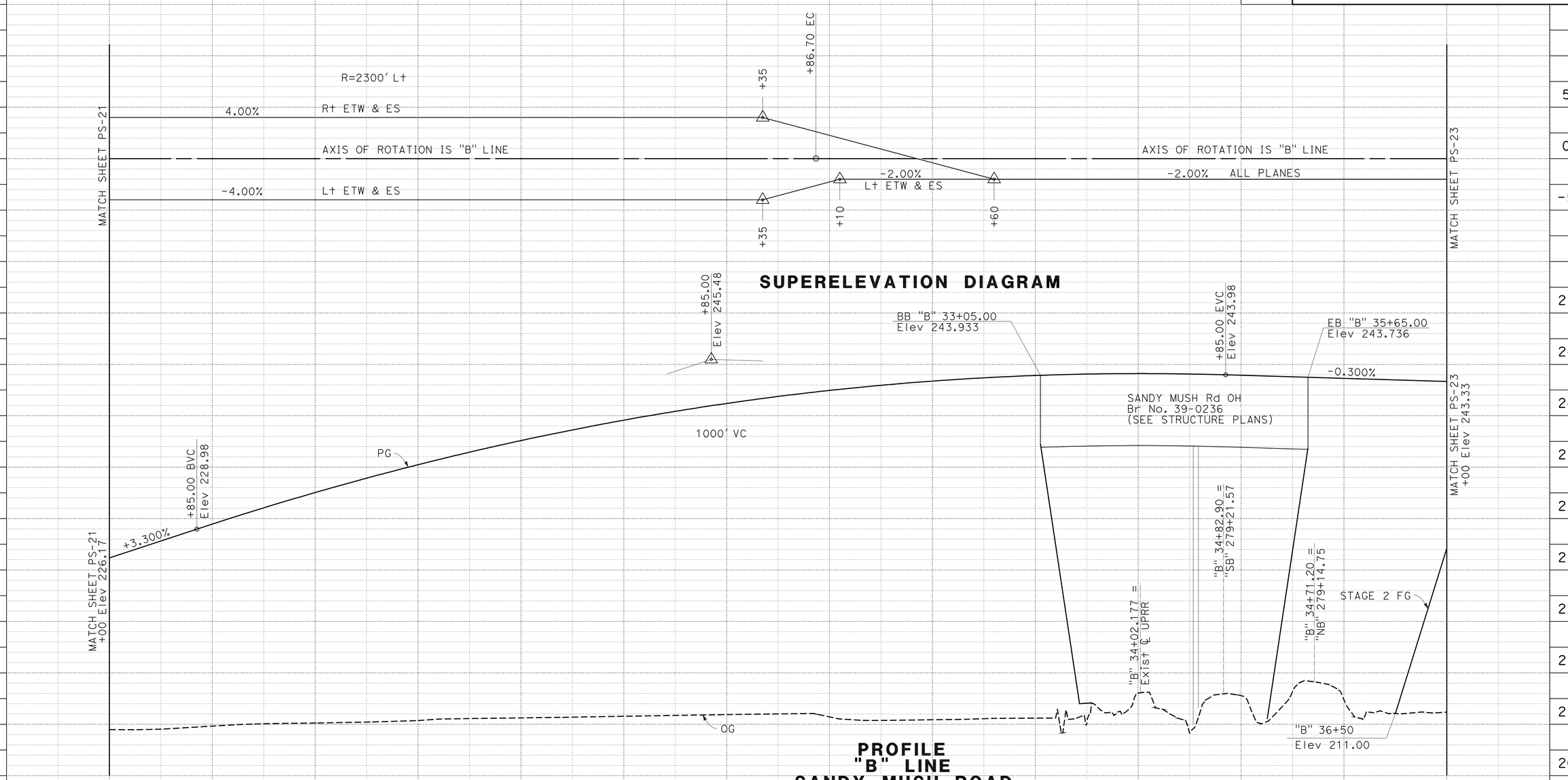
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	74	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATION		24+00	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	TOTAL
CY	Exc	1,309												1,040		2,349
	Emb	116,077												24,538		140,615

REVISED BY | DATE REVISED
CHRIS GARDNER | ANONH SENGMANY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:24

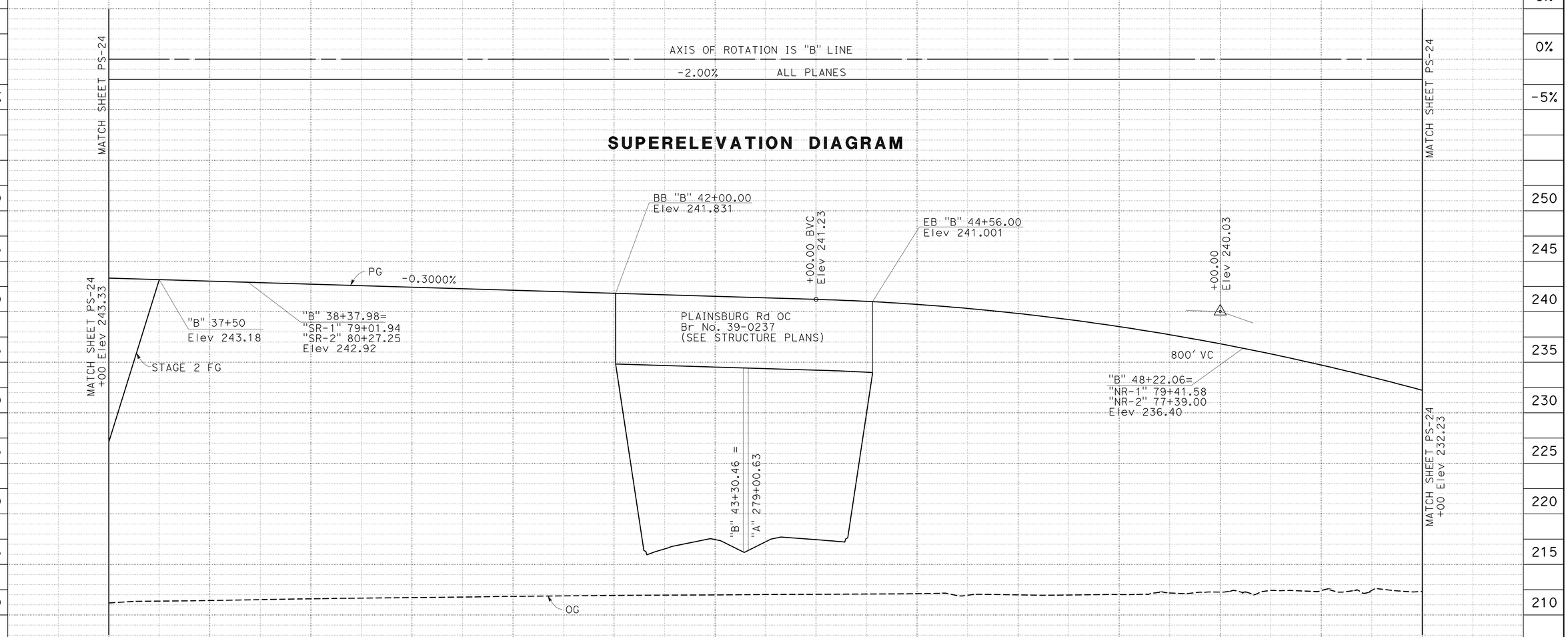
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	75	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE
"B" LINE
SANDY MUSH ROAD
PLAINSBURG ROAD

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-23

STATION		37+00	38+00	39+00	40+00	41+00	42+00	43+00	44+00	45+00	46+00	47+00	48+00	49+00	50+00	TOTAL
CY	Exc	0							421							421
	Emb	68,875							58,402							127,277

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
06-DESIGN
Caltrans

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:24

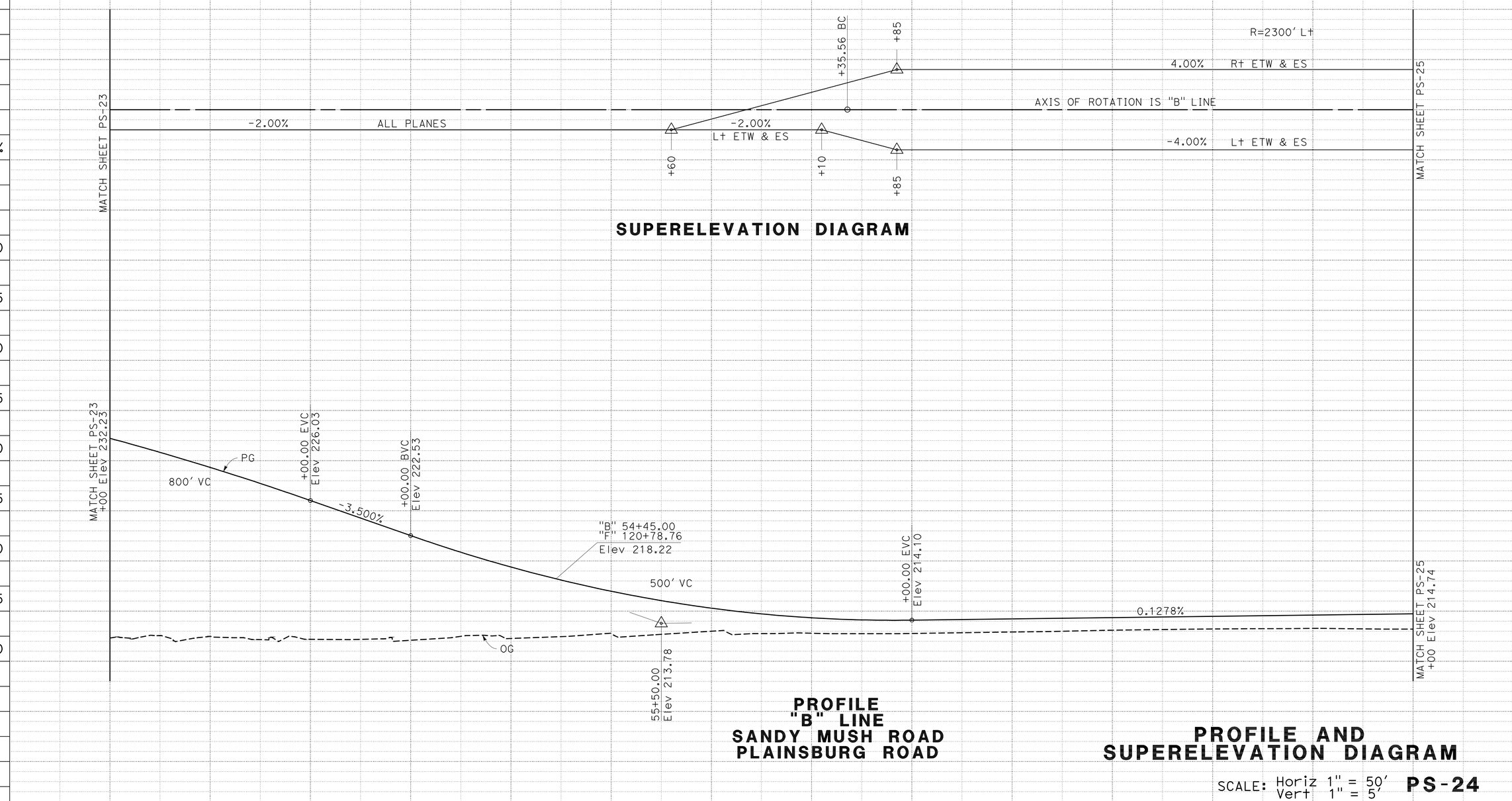
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	76	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:24

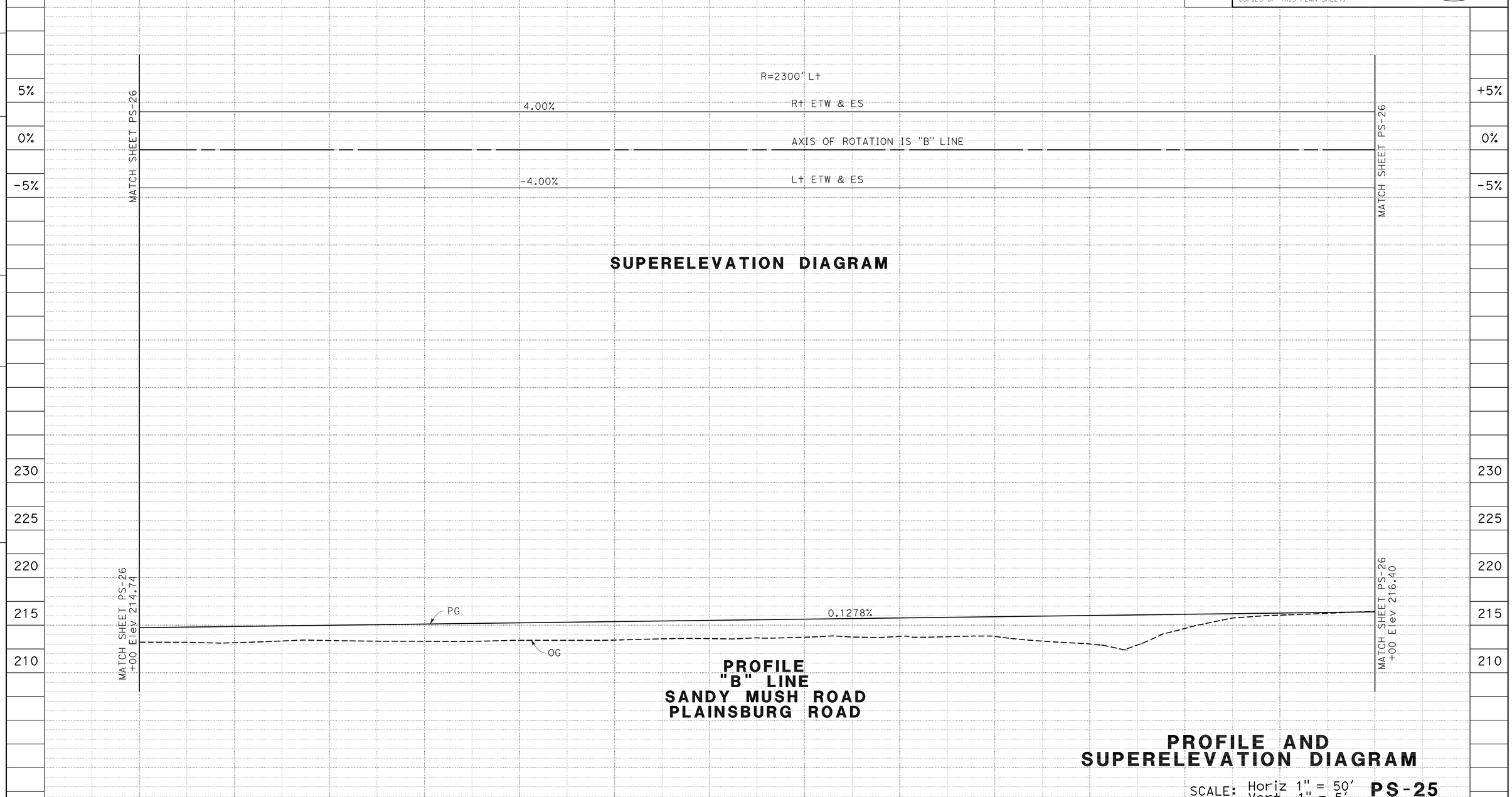
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	77	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:24

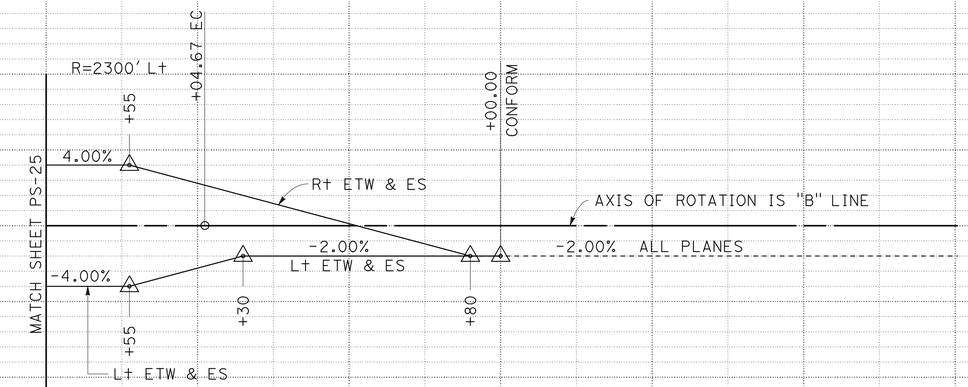
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	78	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

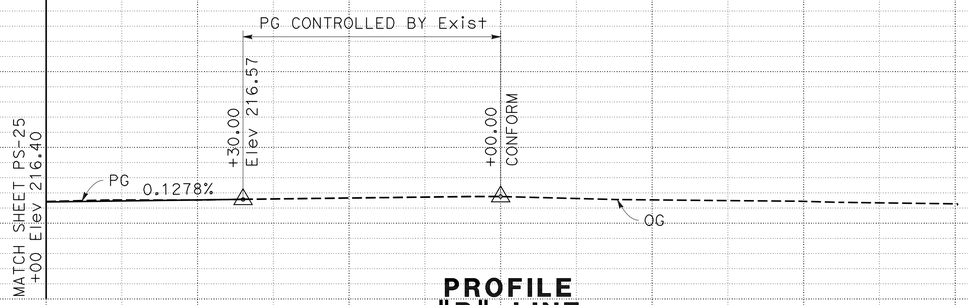
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM



PROFILE
"B" LINE
SANDY MUSH ROAD
PLAINSBURG ROAD

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-26

STATION	76+00	77+00	78+00	79+00	80+00	81+00	82+00	TOTAL
CY Exc	371							371
CY Emb	35							35

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:25

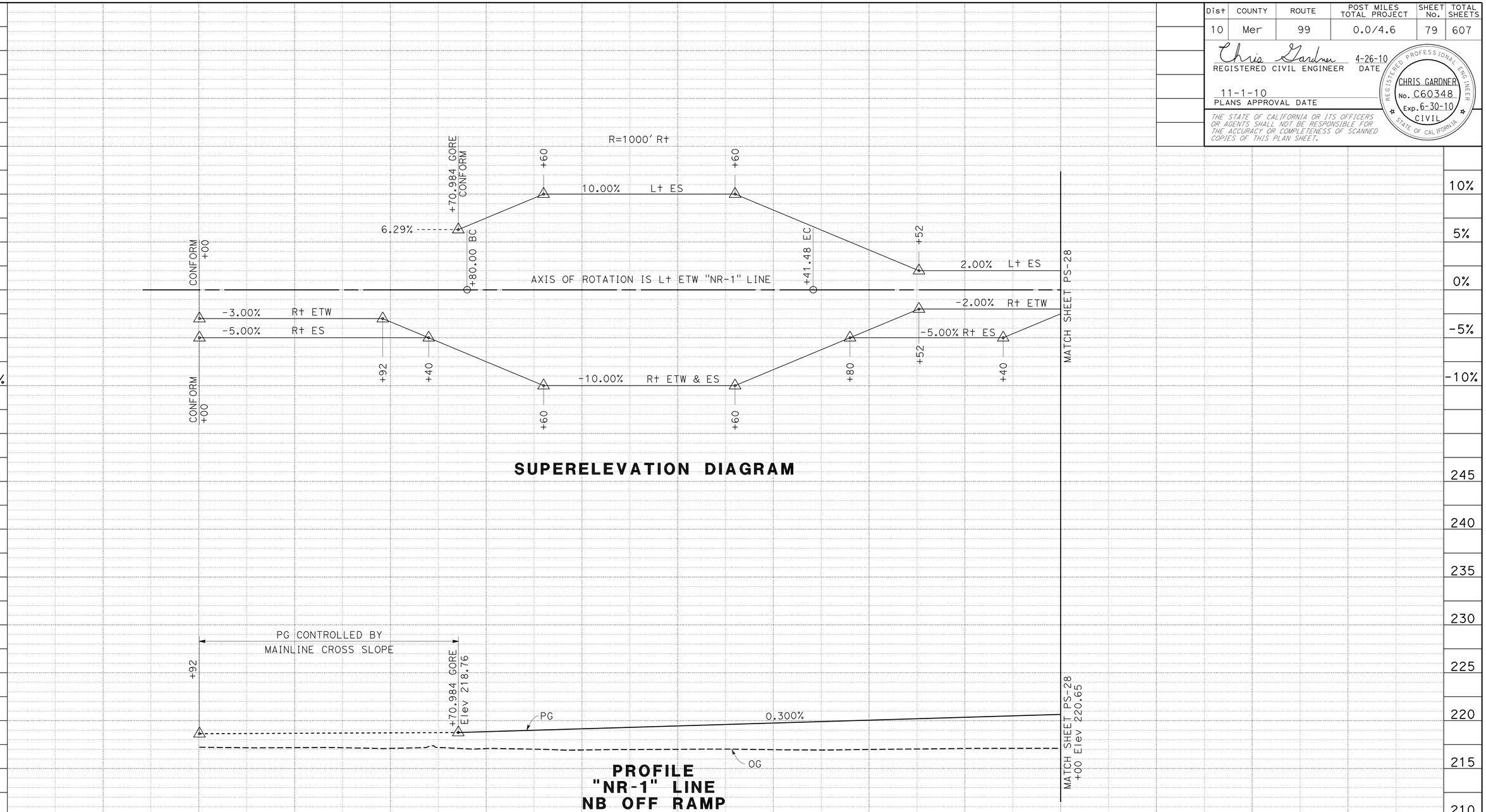
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	79	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM

PROFILE
"NR-1" LINE
NB OFF RAMP

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-27

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:25

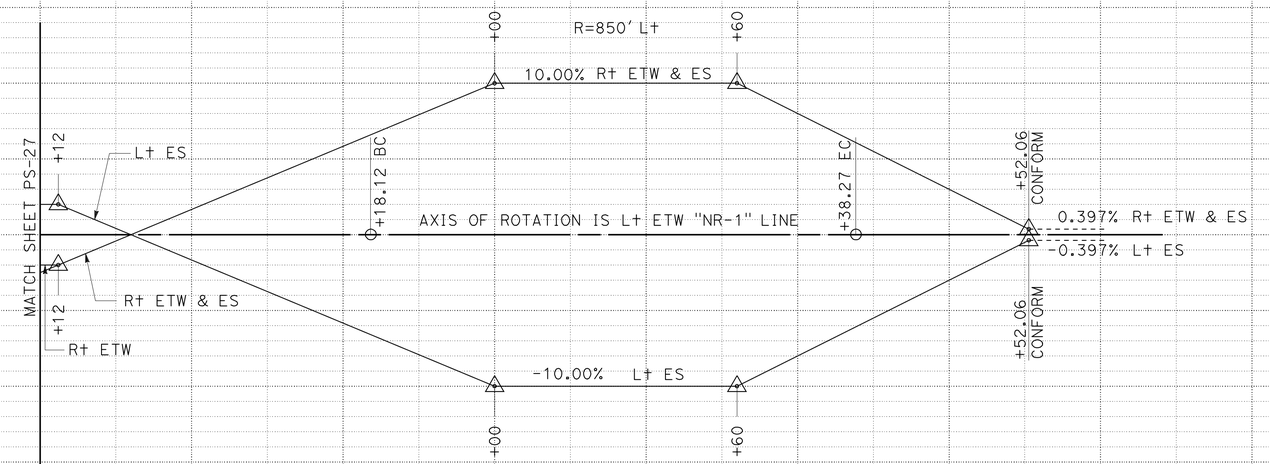
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	80	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

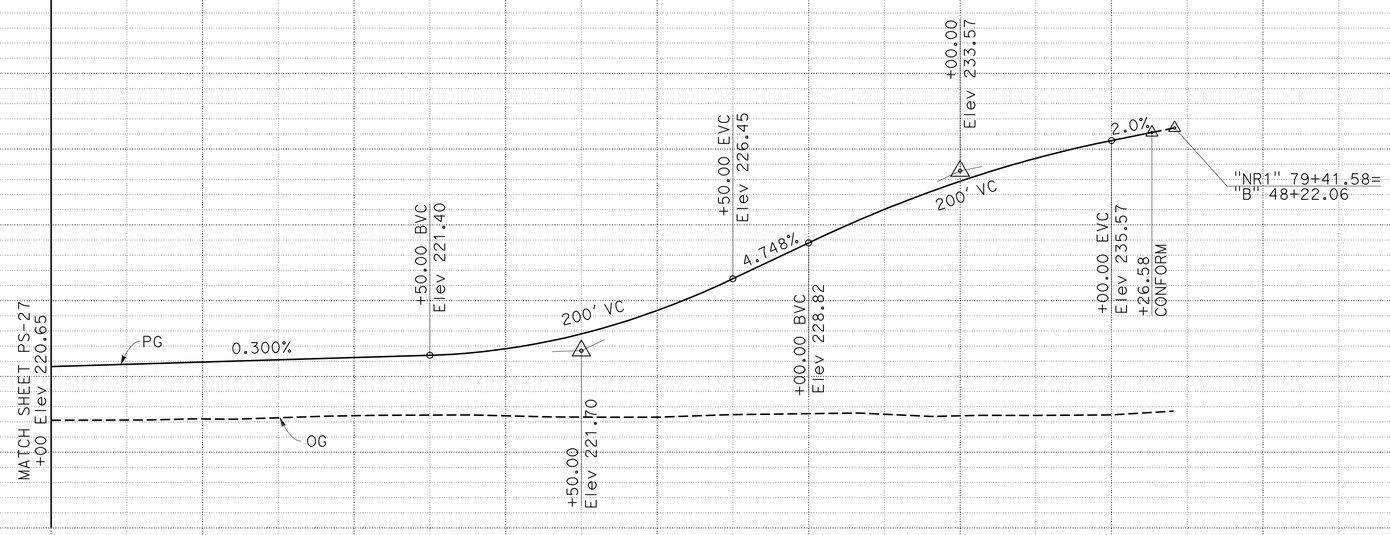
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM



PROFILE "NR-1" LINE NB OFF RAMP

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-28

STATION		72+00	73+00	74+00	75+00	76+00	77+00	78+00	79+00	80+00	TOTAL
CY	Exc	2,898									2,898
	Emb	30,710									30,710

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY / DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:25

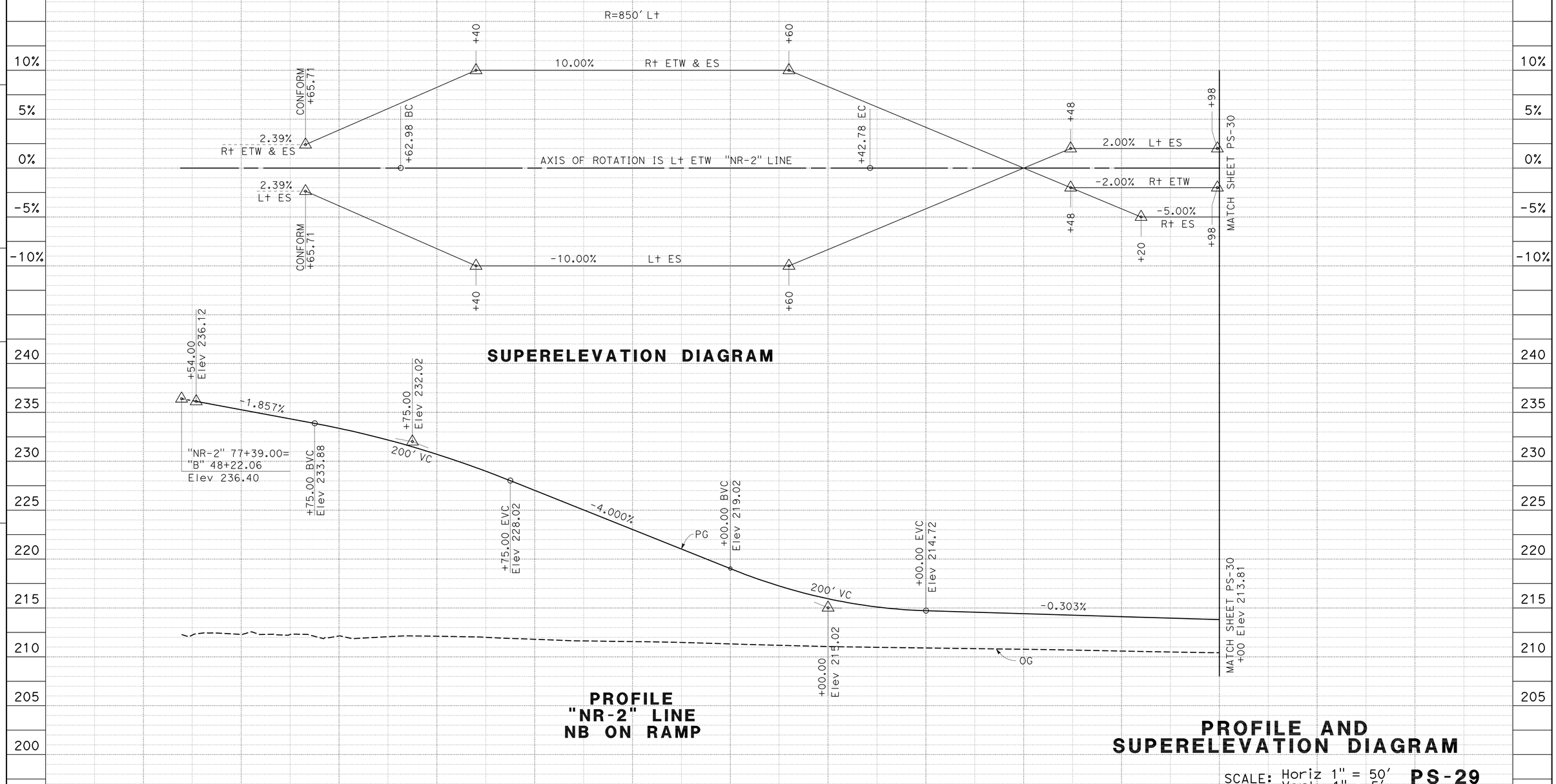
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	81	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATION		78+00	79+00	80+00	81+00	82+00	83+00	84+00	85+00	86+00	87+00	88+00	TOTAL
CY	Exc	2,197											2,197
	Emb	38,538											38,538

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY / DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:25

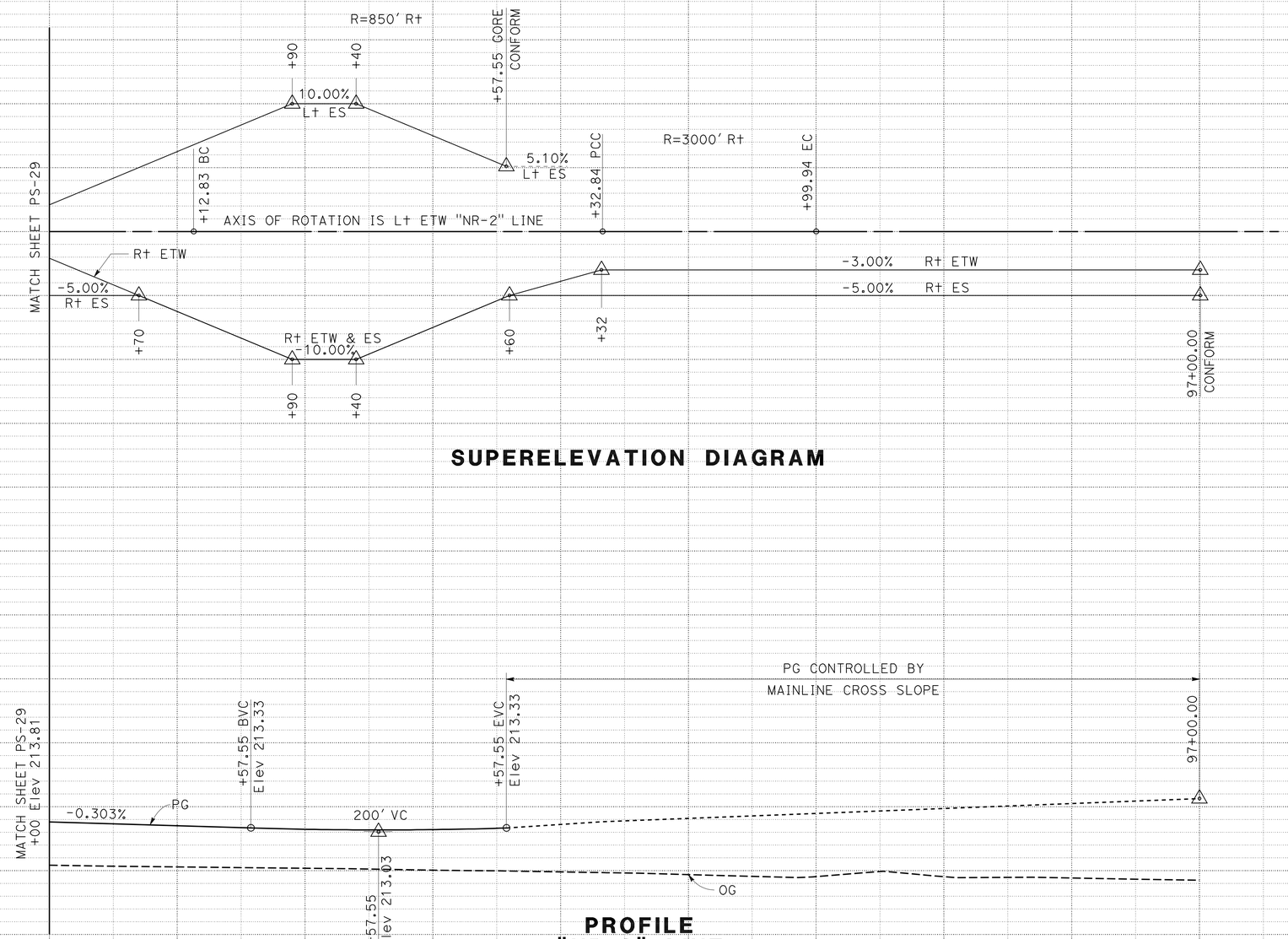
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	82	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM

PROFILE "NR-2" LINE NB ON RAMP

STATION		88+00	89+00	90+00	91+00	92+00	93+00	94+00	95+00	96+00	97+00	TOTAL
CY	Exc	1,765										1,765
	Emb	986										986

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50' Vert 1" = 5'

PS-30

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:25

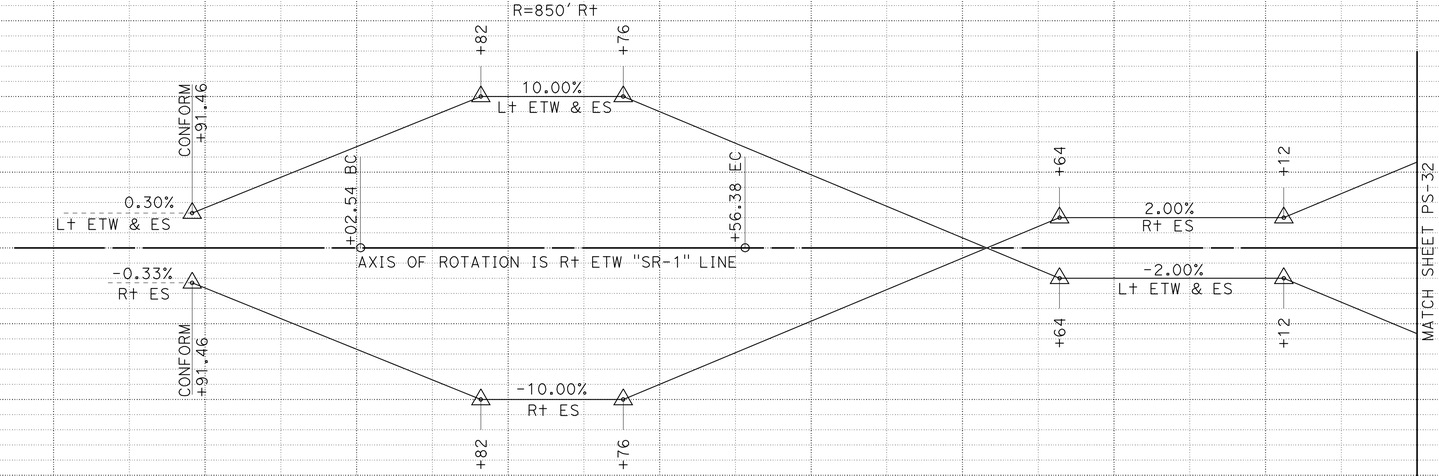
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	83	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

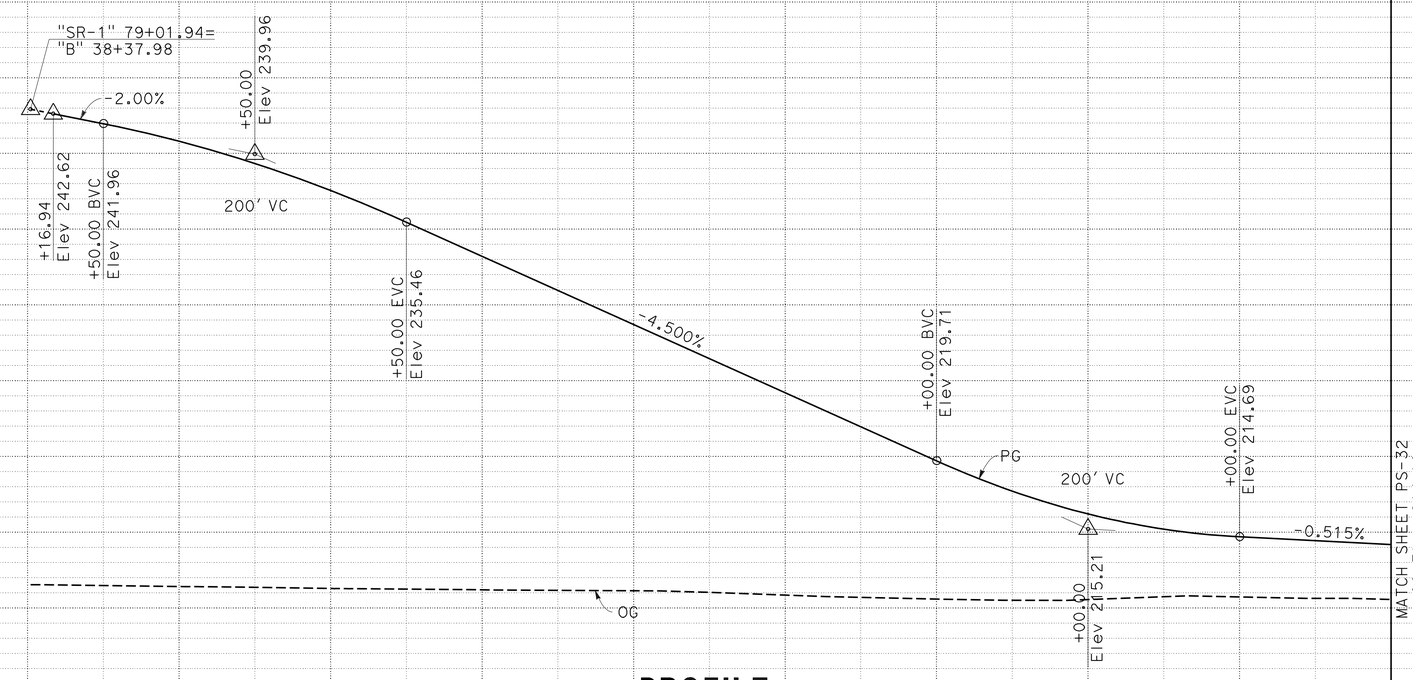
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM



PROFILE "SR-1" LINE SB OFF RAMP

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-31

STATION		79+00	80+00	81+00	82+00	83+00	84+00	85+00	86+00	87+00	88+00	TOTAL
CY	Exc	3,504										3,504
	Emb	52,143										52,143

REVISED BY | DATE REVISED

CHRIS GARDNER | ANONH SENGMANY

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN

DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:25
LAST REVISION 04-26-10

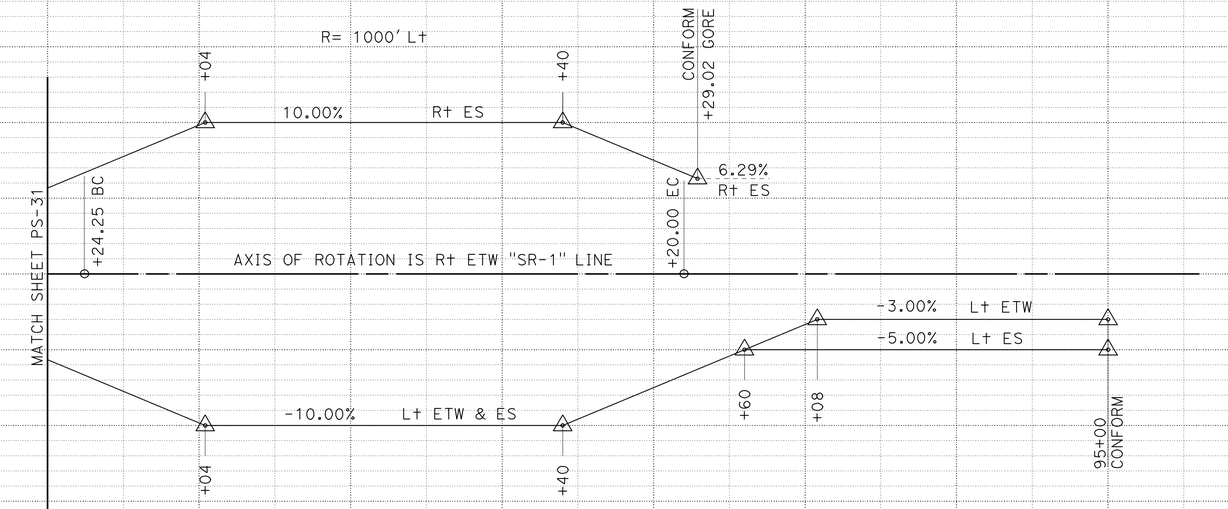
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	84	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

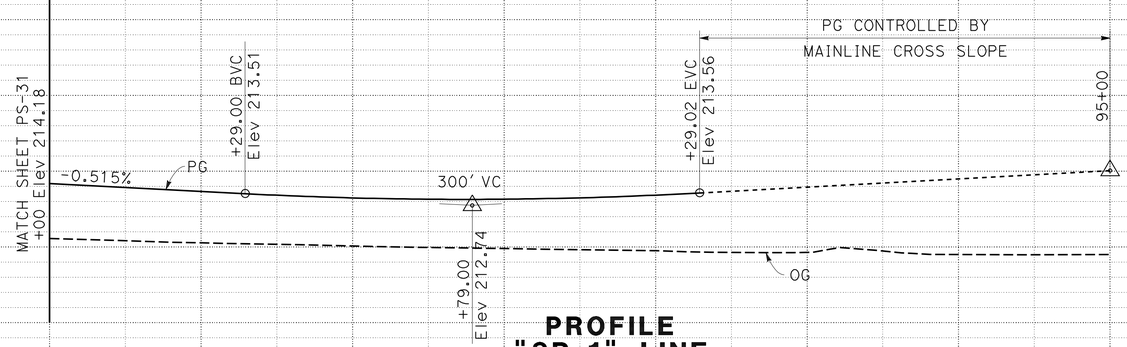
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM



PROFILE "SR-1" LINE SB OFF RAMP

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50' Vert 1" = 5'

PS-32

STATION	88+00	89+00	90+00	91+00	92+00	93+00	94+00	95+00	TOTAL
CY Exc	4,163								4,163
CY Emb	1,228								1,228

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:25

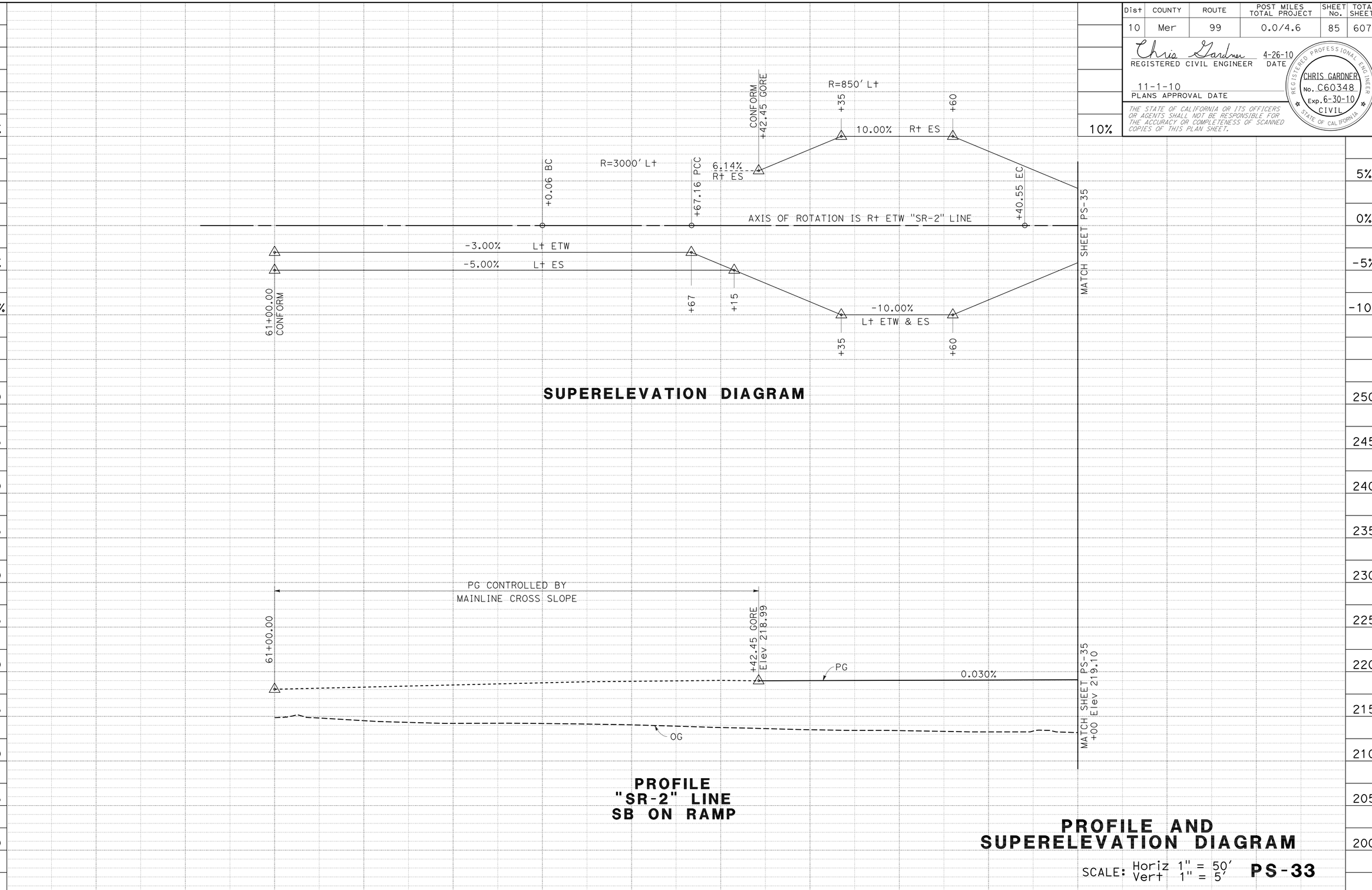
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	85	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:25

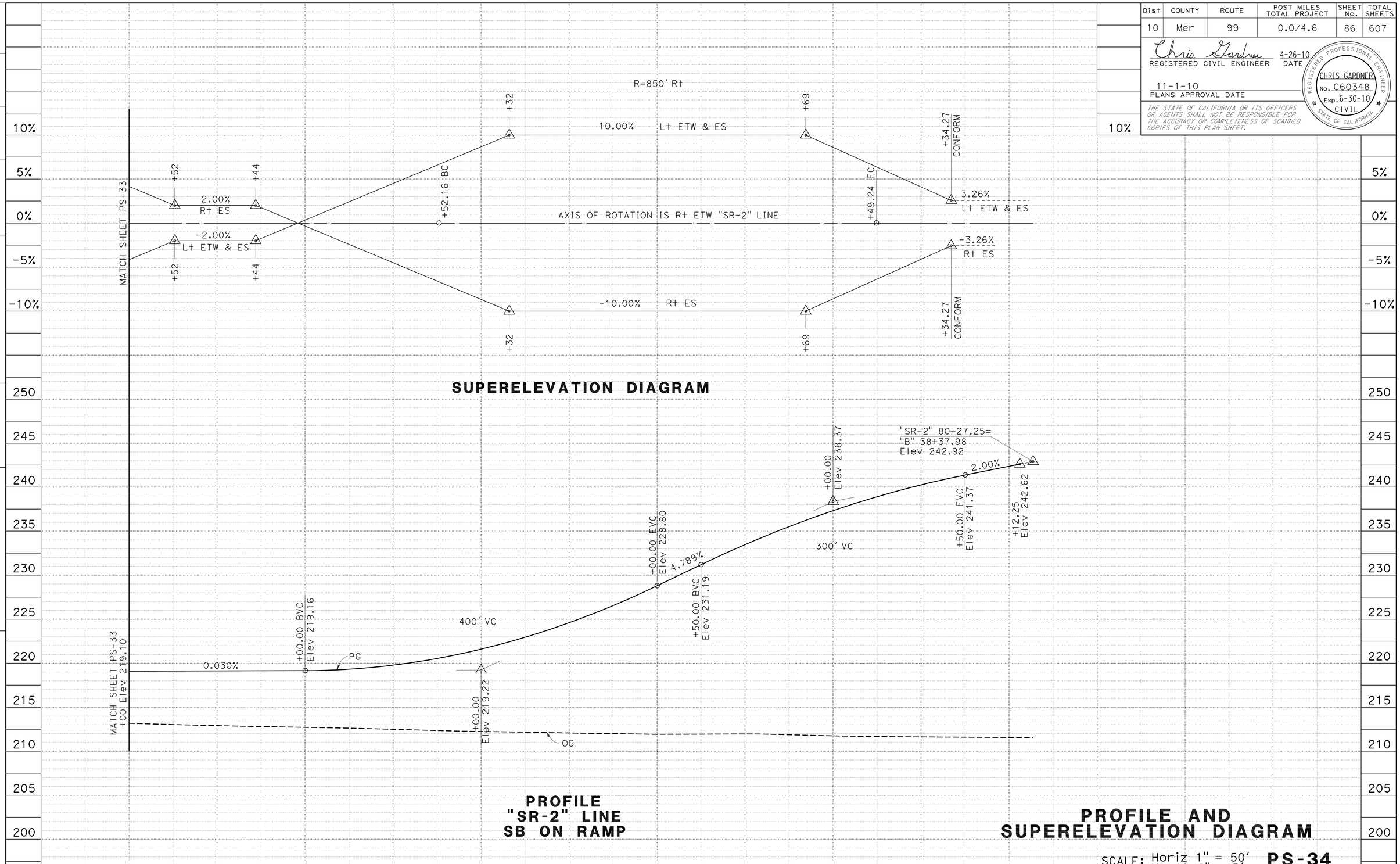
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	86	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
06-DESIGN
Caltrans®

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:25

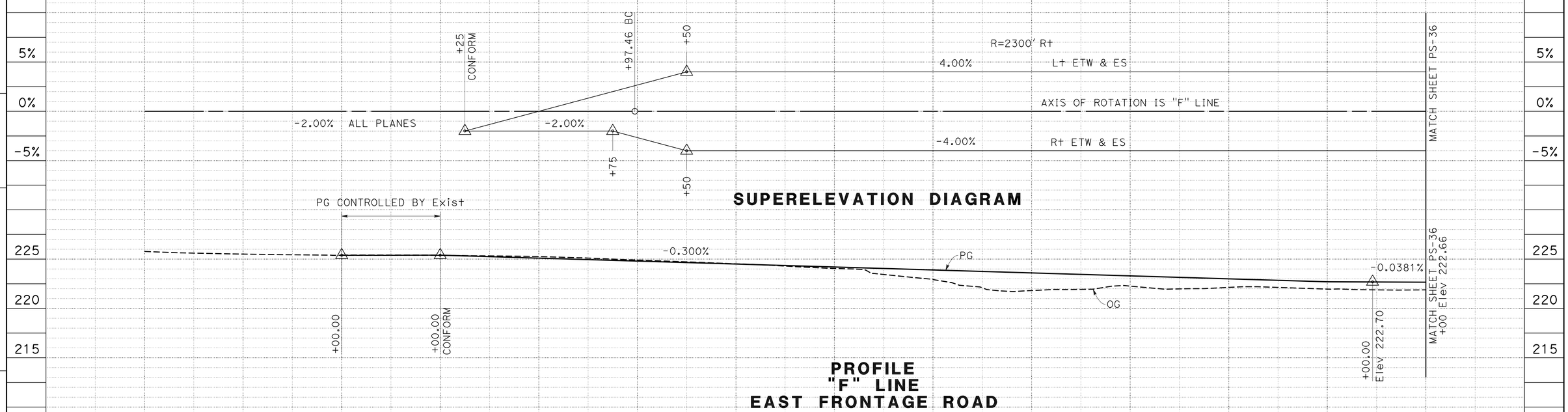
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	87	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM

PROFILE
"F" LINE
EAST FRONTAGE ROAD

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-35

STATION		12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00	TOTAL
CY	Exc								2,822							2,822
	Emb								327							327

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:26

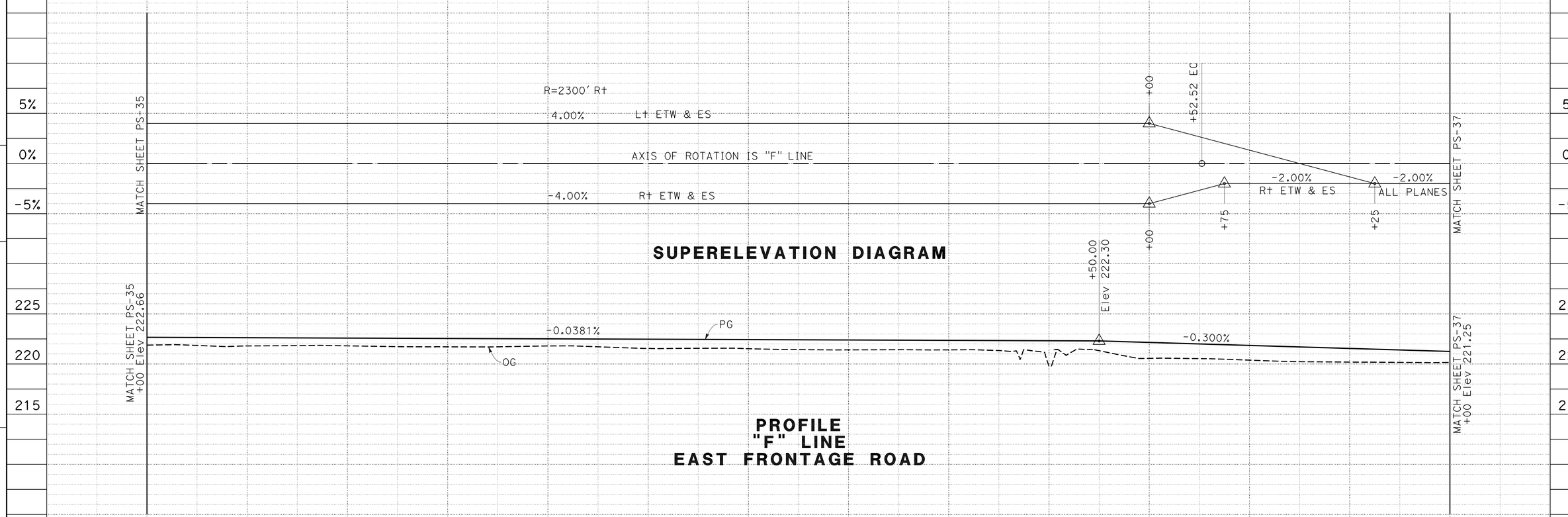
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	88	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-36

STATION	25+00	26+00	27+00	28+00	29+00	30+00	31+00	32+00	33+00	34+00	35+00	36+00	37+00	38+00	TOTAL
CY Exc	2,916														2,916
CY Emb	467														467

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:26

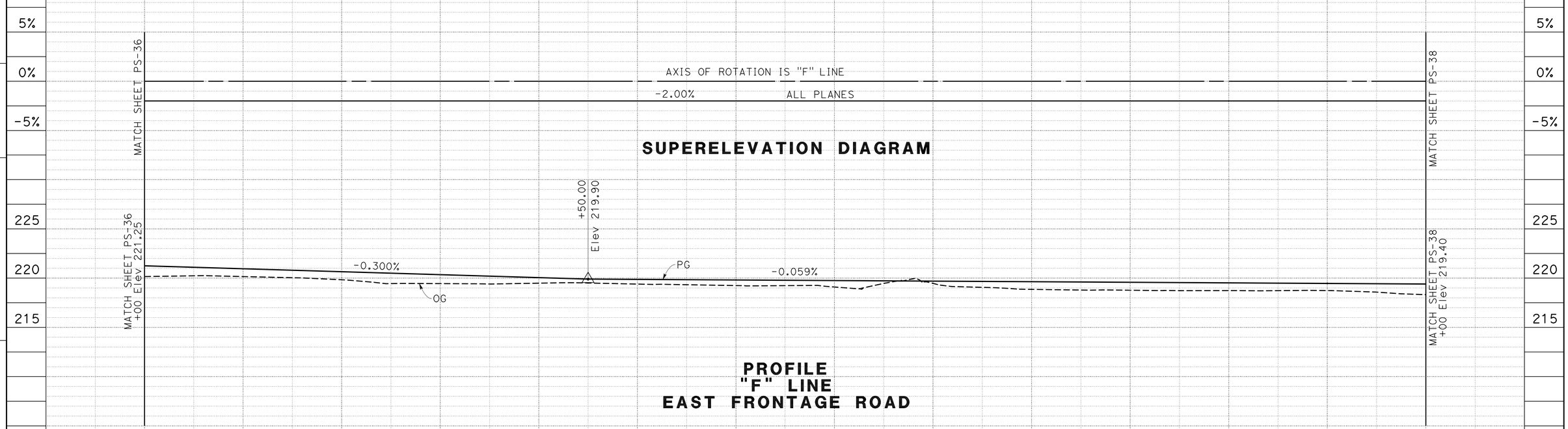
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	89	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50′
Vert 1" = 5′

PS-37

STATION		38+00	39+00	40+00	41+00	42+00	43+00	44+00	45+00	46+00	47+00	48+00	49+00	50+00	51+00	TOTAL
CY	Exc	4,046														4,046
	Emb	17														17

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:26

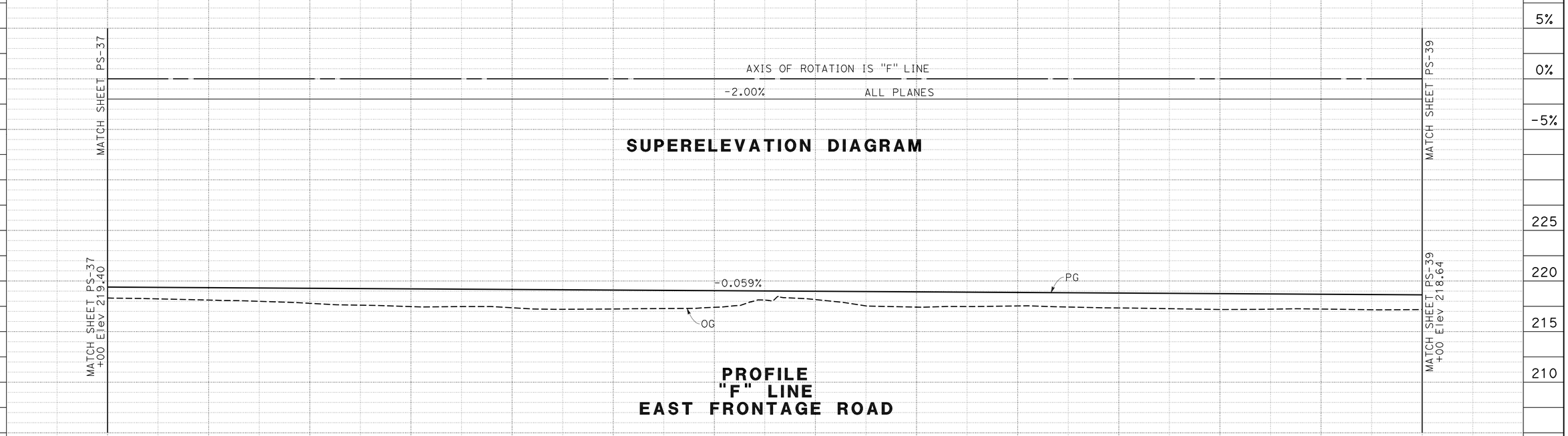
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	90	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-38

STATION		51+00	52+00	53+00	54+00	55+00	56+00	57+00	58+00	59+00	60+00	61+00	62+00	63+00	64+00	TOTAL
CY	Exc	2,020														2,020
	Emb	388														388

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:26

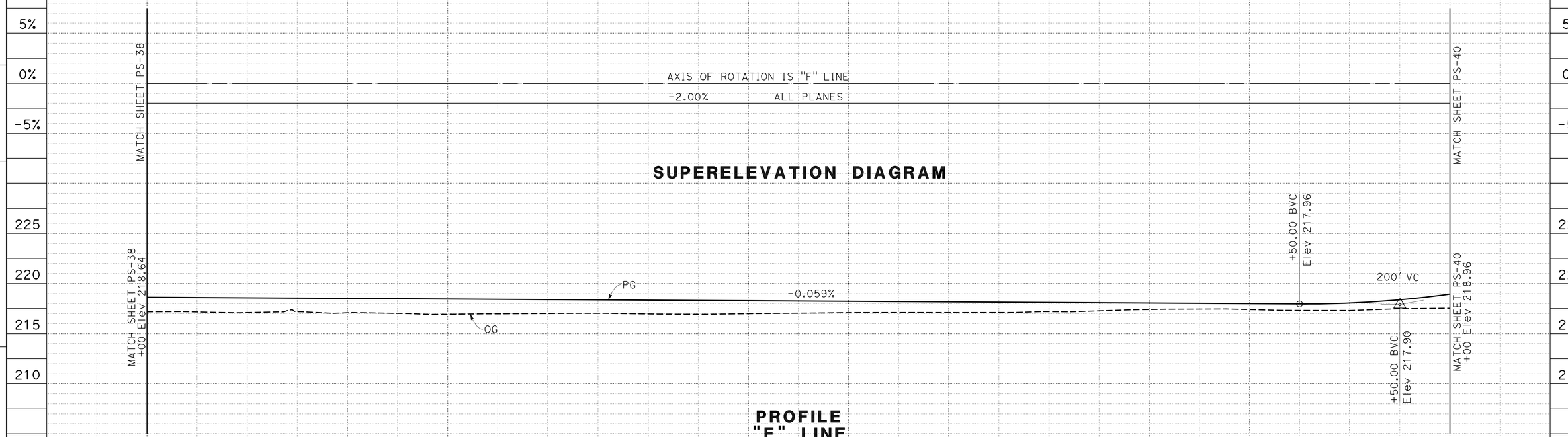
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	91	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-39

STATION		64+00	65+00	66+00	67+00	68+00	69+00	70+00	71+00	72+00	73+00	74+00	75+00	76+00	77+00	TOTAL
CY	Exc	2,796														2,796
	Emb	158														158

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:26

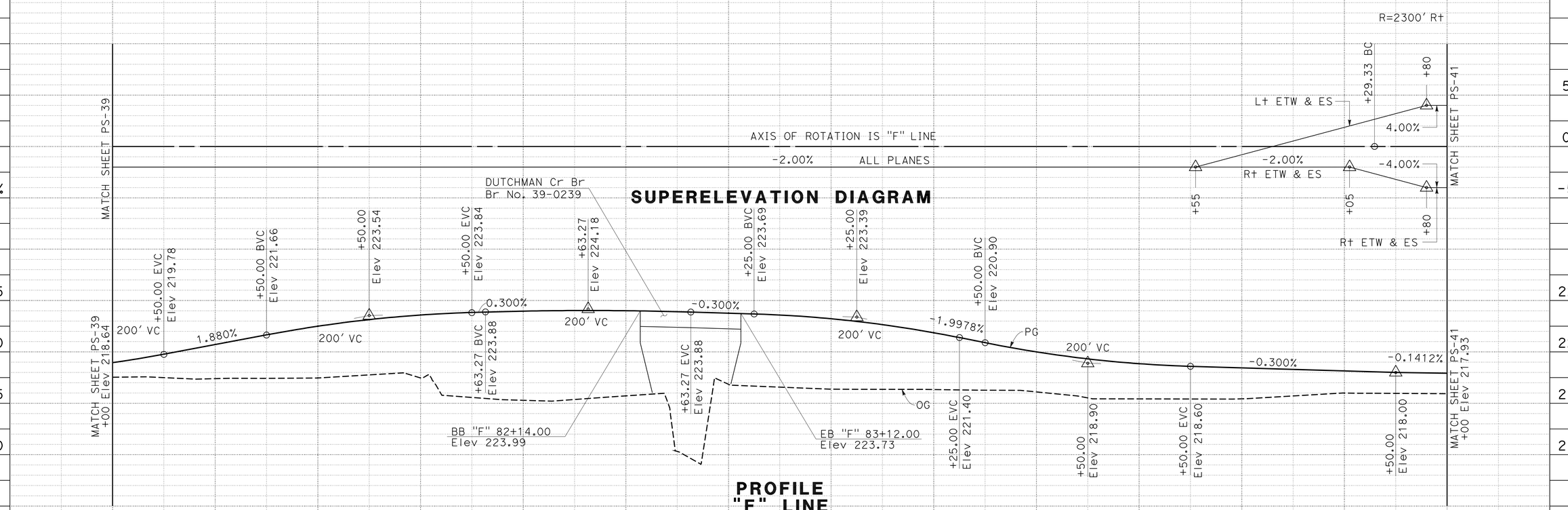
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	92	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-40

STATION		77+00	78+00	79+00	80+00	81+00	82+00	83+00	84+00	85+00	86+00	87+00	88+00	89+00	90+00	TOTAL
CY	Exc	147						292								439
	Emb	5,744						4,422								10,166

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:26

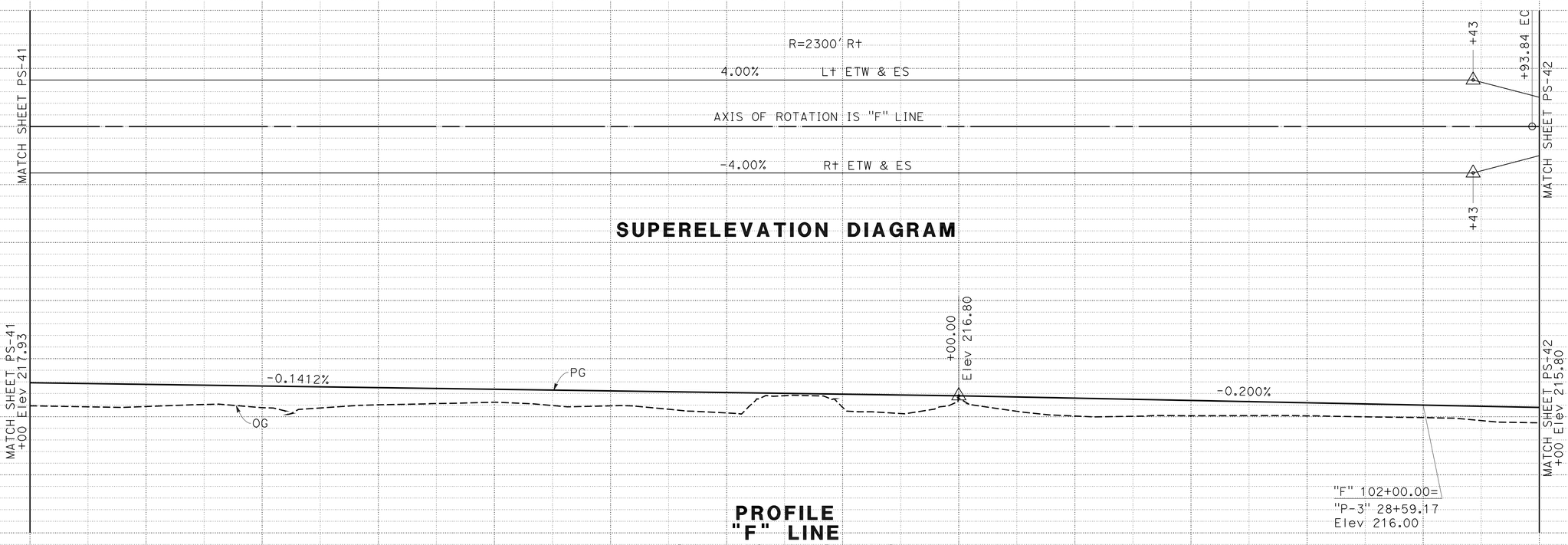
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	93	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-41

STATION		90+00	91+00	92+00	93+00	94+00	95+00	96+00	97+00	98+00	99+00	100+00	101+00	102+00	103+00	TOTAL
CY	Exc	3,254														3,254
	Emb	849														849

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:26

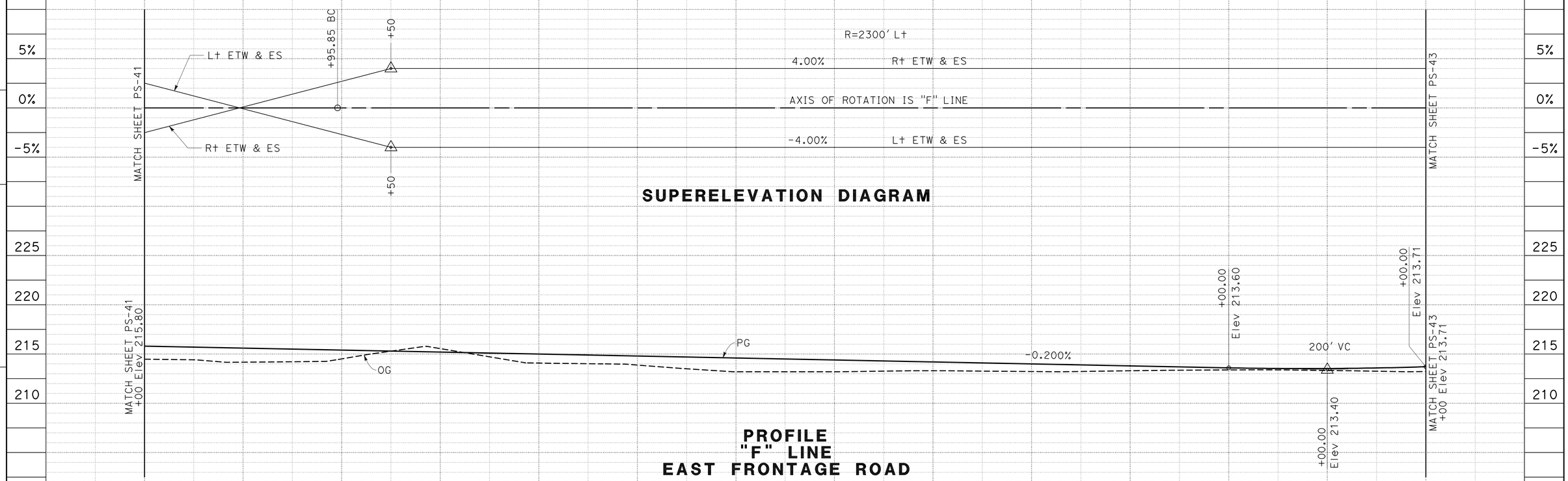
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	94	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50' Vert 1" = 5'

PS-42

STATION		103+00	104+0	105+00	106+00	107+00	108+00	109+00	110+00	111+00	112+00	113+00	114+00	115+00	116+00	TOTAL
CY	Exc	3,468														3,468
	Emb	343														343

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:26

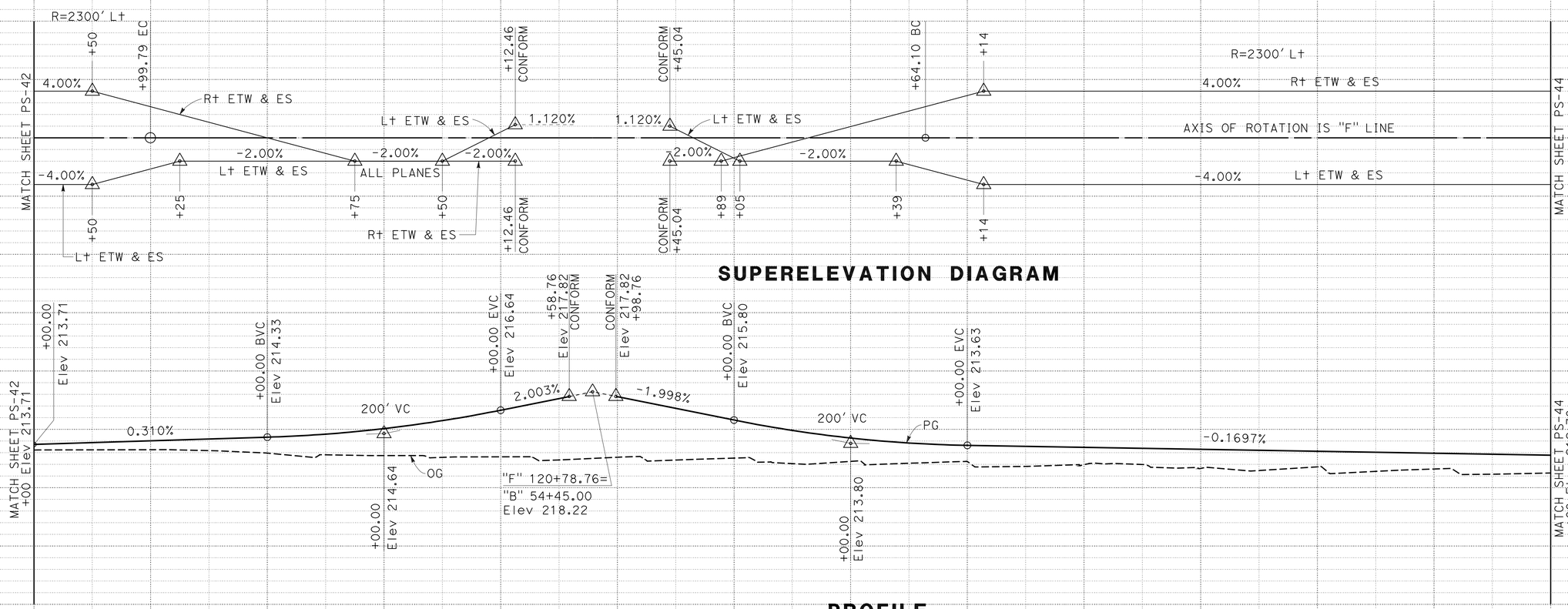
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	95	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-43

STATION		116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00	TOTAL
CY	Exc	743					749									1,492
	Emb	1,024					1,569									2,593

REVISED BY | DATE REVISED
CHRIS GARDNER | ANONH SENGMANY
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
BORIS AYAVIRI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:07

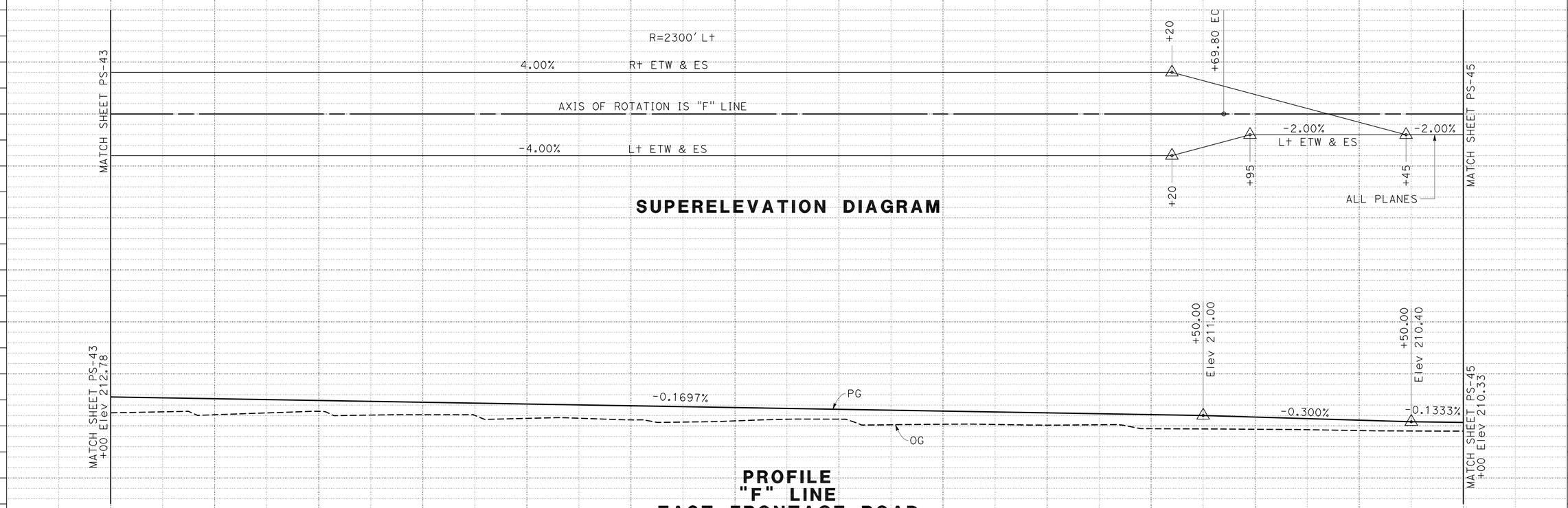
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	96	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-44

STATION		129+00	130+00	131+00	132+00	133+00	134+00	135+00	136+00	137+00	138+00	139+00	140+00	141+00	142+00	TOTAL
CY	Exc							2,677								2,677
	Emb							642								642

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10 | DATE PLOTTED => 03-NOV-2010 | TIME PLOTTED => 11:07

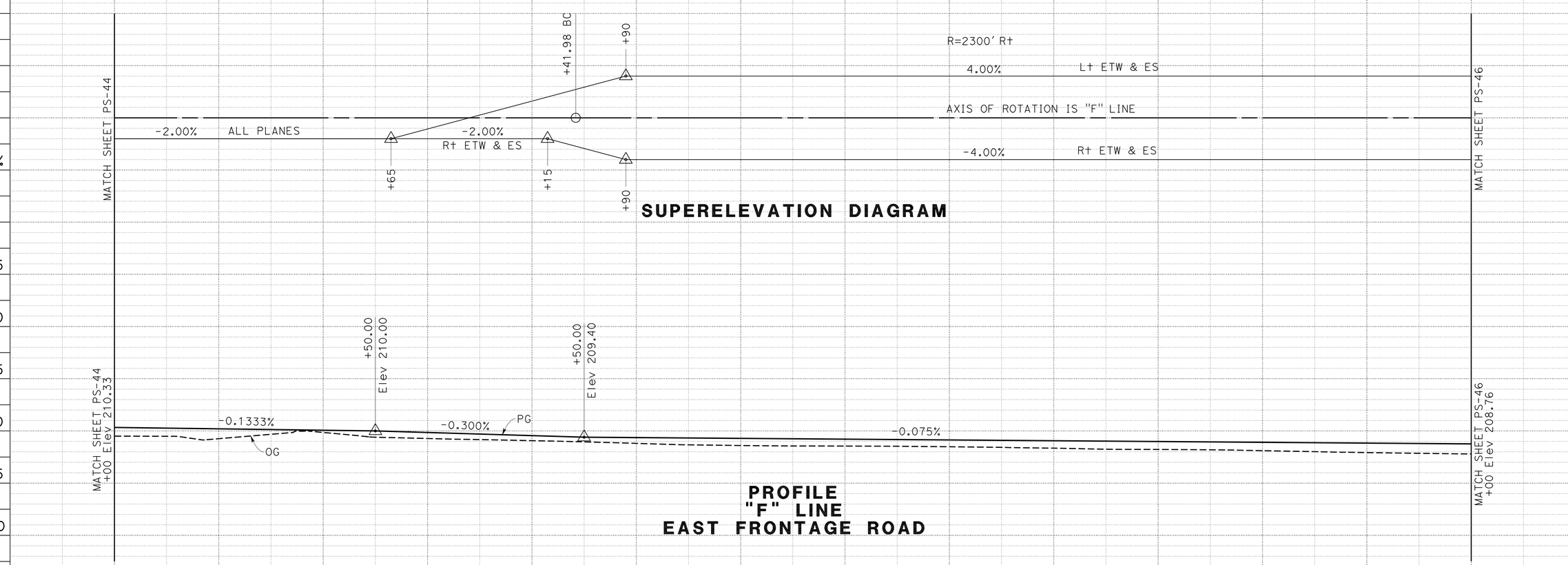
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	97	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-45

STATION	142+00	143+00	144+00	145+00	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00	154+00	155+00	TOTAL
CY Exc	3,608														3,608
CY Emb	196														196

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:07

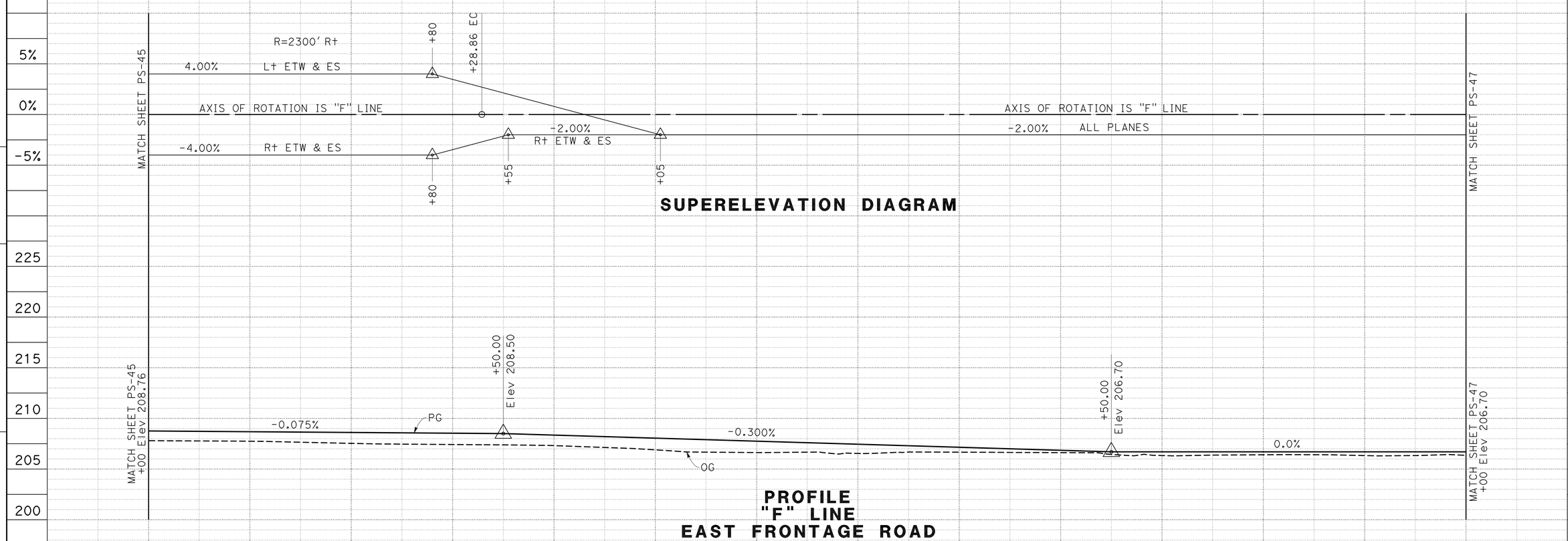
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	98	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-46

STATION	155+00	156+00	157+00	158+00	159+00	160+00	161+00	162+00	163+00	164+00	165+00	166+00	167+00	168+00	TOTAL
CY Exc							4,709								4,709
CY Emb							166								166

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:08

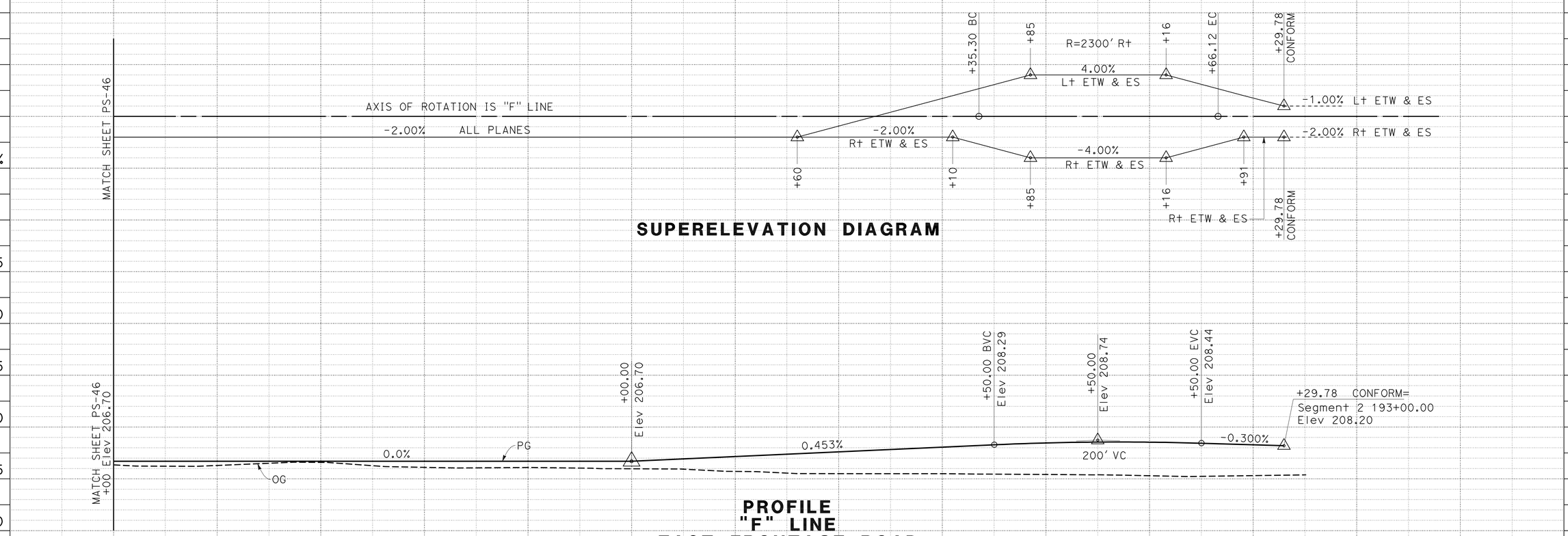
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	99	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CHRIS GARDNER No. C60348 Exp. 6-30-10 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-47

STATION	168+00	169+00	170+00	171+00	172+00	173+00	174+00	175+00	176+00	177+00	178+00	179+00	TOTAL
CY Exc	2,490												2,490
CY Emb	1,616												1,616

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:08

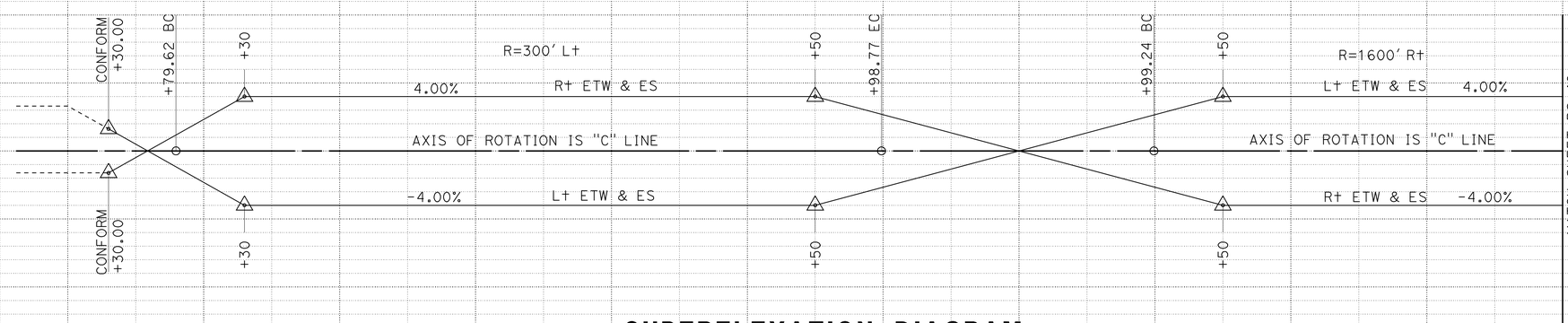
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	Mer	99	0.0/4.6	100	607

Chris Gardner 4-26-10
REGISTERED CIVIL ENGINEER DATE

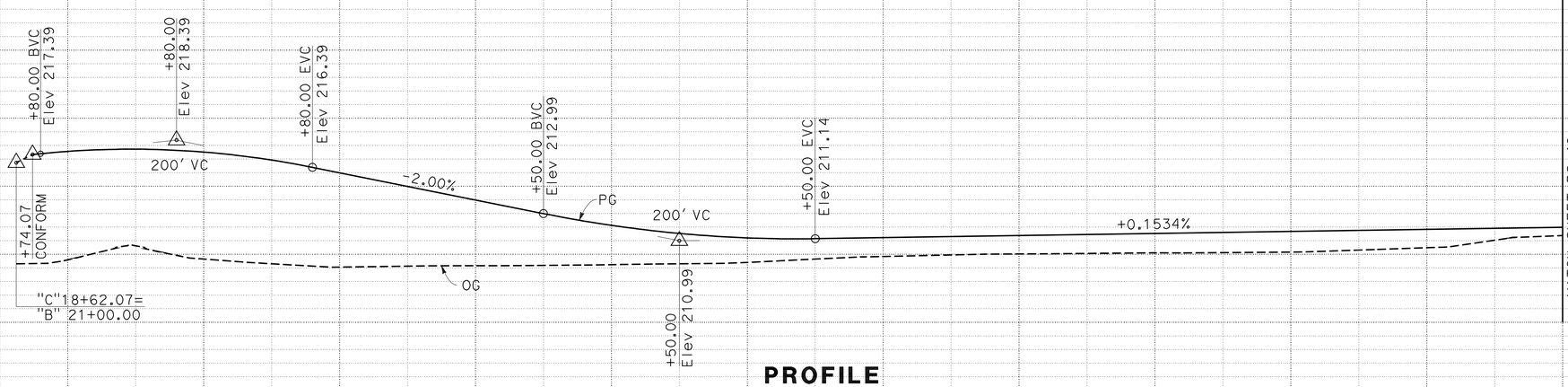
11-1-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
CHRIS GARDNER
No. C60348
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



SUPERELEVATION DIAGRAM



PROFILE
"C" LINE
Exist SANDY MUSH DRIVE

PROFILE AND SUPERELEVATION DIAGRAM

SCALE: Horiz 1" = 50'
Vert 1" = 5'

PS-48

STATION		19+00	20+00	21+00	22+00	23+00	24+00	25+00	26+00	27+00	28+00	29+00	30+00	TOTAL
CY	Exc	1,233												1,233
	Emb	6,647												6,647

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
06-DESIGN

FUNCTIONAL SUPERVISOR: BORIS AYAVIRI
CALCULATED-DESIGNED BY: CHRIS GARDNER
CHECKED BY: ANONH SENGMANY
REVISED BY
DATE REVISED

LAST REVISION 04-26-10
DATE PLOTTED => 03-NOV-2010
TIME PLOTTED => 11:08