Appendix A Project Layout Sheets

NOTE:

1. FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.
2. BASIS OF BEARING IS 2006 CCS ZONE 2, PLANE 34.

LEGEND

- ROCK ENERGY DISSPATION (R.E.D.)
- AC SHOULDER WITH DIKE
- VEGETATED SWALE
- SLOPE DIRECTION ARROWS
- SAND TRAP
- INFILTRATION BASIN
- GRADING LIMITS (CUT/FILL)
- SEZ LIMITS
- EXISTING R/W
- APN
- EXISTING ROADWAY
- EXISTING AC SHOULDER W/DIKE
- EXISTING CONTOUR
- WATERWAY
- (1) CURVE TAG
- ESL BOUNDARY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	0	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

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

WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-0**

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 12-01-07
DATE PLOTTED => $DATE$
TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
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DGN FILE => $REQUEST
CU 00000
EA 03-1A8440

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	1	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MARK CASEY
No. 047126
Expl 12/31/07
CIVIL
STATE OF CALIFORNIA

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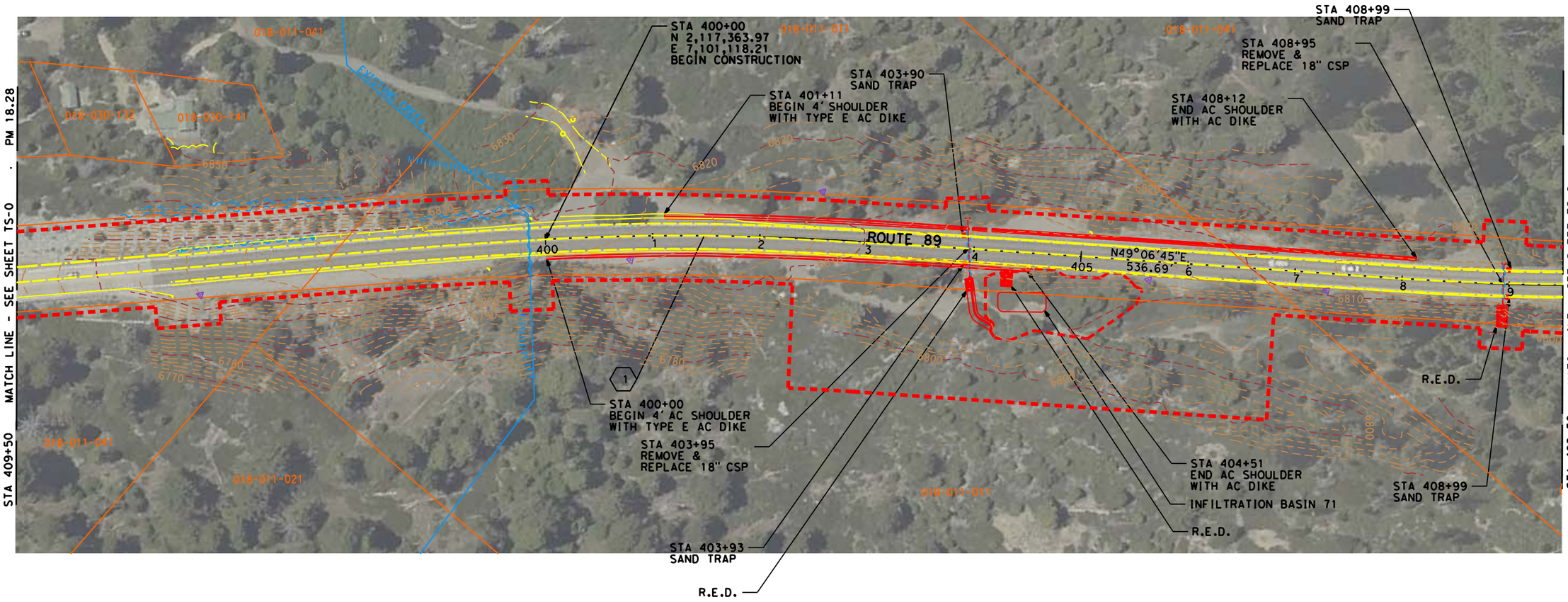
DRAFT PROJECT REPORT PLANS



> CURVE DATA

1
RADIUS 2460.63'
DELTA 6°53'53"
LENGTH 296.25'
TAN 148.30'
CHORD 296.07'@ N45°39'48"E

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT
SITE PLANS

HORIZ. SCALE 1"=50'

ESL-1

LAST REVISION 12-01-07
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TIME PLOTTED => $TIME

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY
DATE REVISED

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	2	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

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WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

> CURVE DATA

(2)
RADIUS 1820.86'
DELTA 21°00'27"
LENGTH 667.62'
TANGENT 337.60'
CHORD 663.88'@ N38°36'31"E

(3)
RADIUS 1968.50'
DELTA 3°19'26"
LENGTH 114.20'
TANGENT 57.12'
CHORD 114.18'@ N29°46'01"E

(4)
RADIUS 1968.50'
DELTA 3°19'26"
LENGTH 114.20'
TANGENT 57.12'
CHORD 114.18'@ N29°46'01"E

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY | DATE REVISED

LAST REVISION | DATE PLOTTED => $DATE | TIME PLOTTED => $TIME
12-01-07

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => $USER | DGN FILE => $REQUEST | CU 00000 | EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	3	27

REGISTERED CIVIL ENGINEER DATE

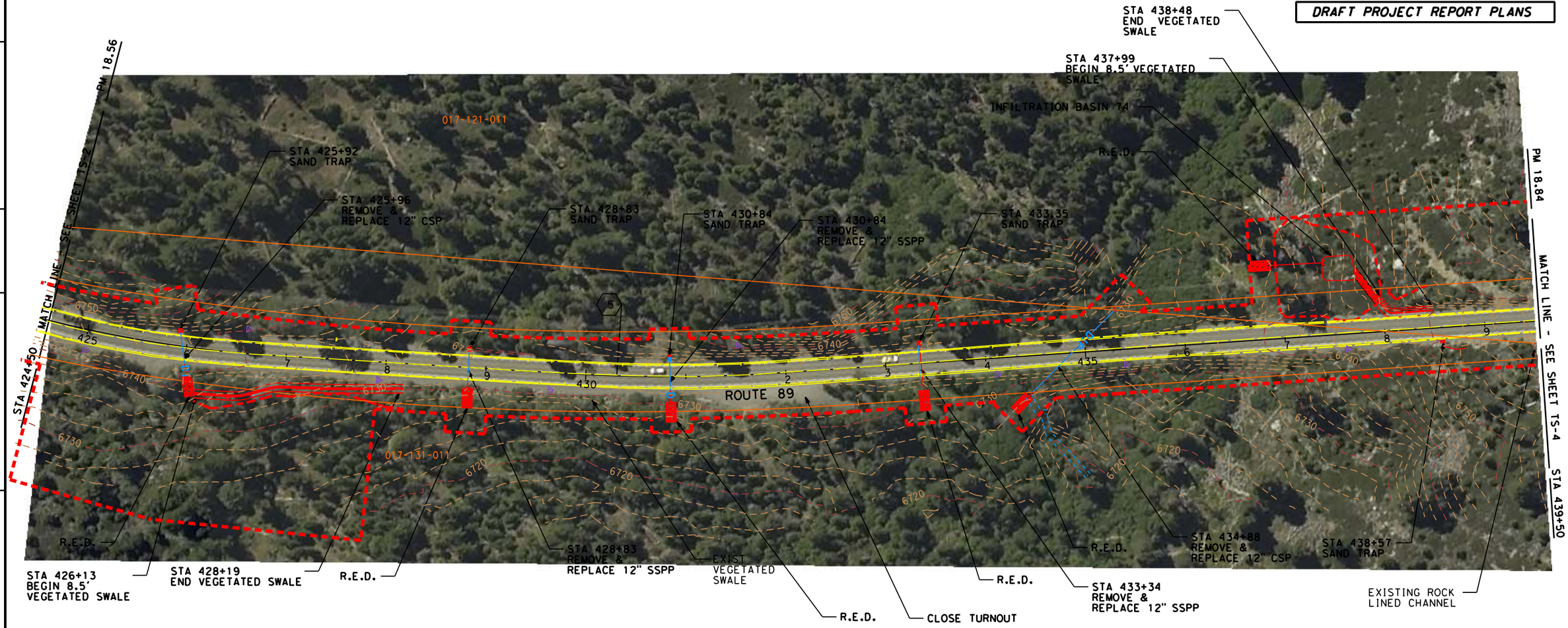
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

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

WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS



> CURVE DATA

(5)
RADIUS 1640.42'
DELTA 7°25'12"
LENGTH 212.44'
TANGENT 106.37'
CHORD 212.29'@ N6°33'35"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-3**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY / DATE REVISED

LAST REVISION
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME
12-01-07

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => $USER
DGN FILE => $REQUEST
CU 00000
EA 03-1A8440

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	4	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MARK CASEY
No. 047126
Expl 12/31/07
CIVIL
STATE OF CALIFORNIA

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WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

> CURVE DATA

(6)
RADIUS 426.51'
DELTA 29°46'03"
LENGTH 221.59'
TANGENT 113.36'
CHORD 219.10'@ N25°09'12"W

(7)
RADIUS 1476.38'
DELTA 8°40'21"
LENGTH 223.47'
TANGENT 111.95'
CHORD 223.26'@ N35°42'03"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-4**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY
DATE REVISED

LAST REVISION 12-01-07
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => $USER
DGN FILE => $REQUEST
CU 00000
EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	5	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Expl 2/31/07 — CIVIL — STATE OF CALIFORNIA

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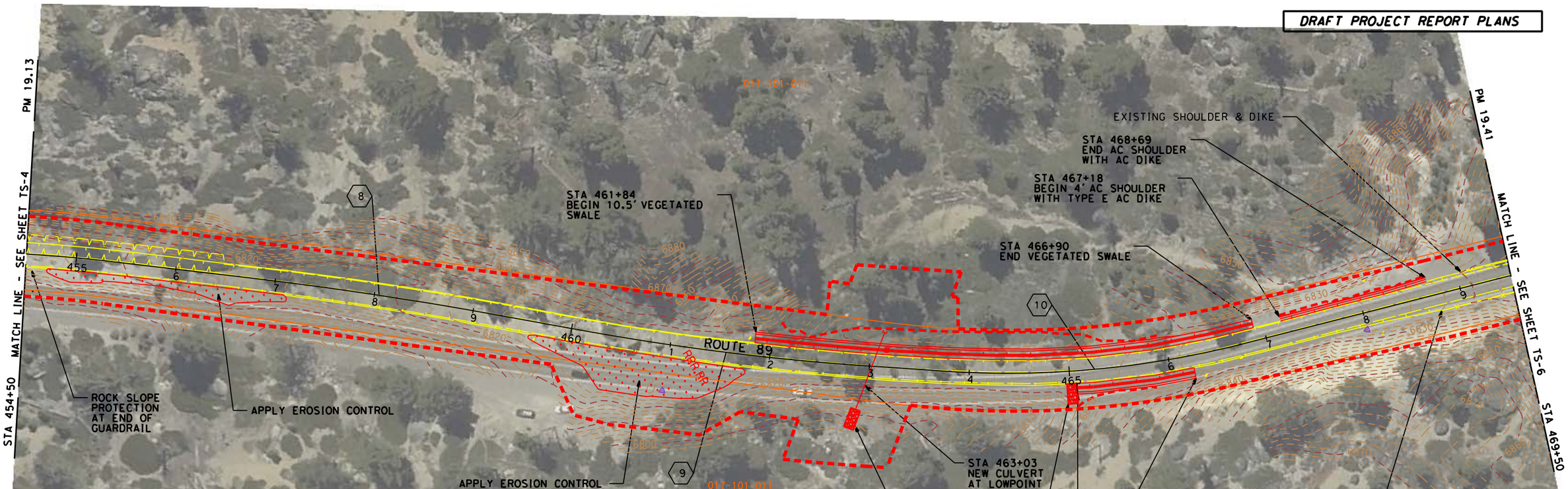
WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS



> CURVE DATA

(8)
RADIUS 3937.00'
DELTA 3°31'22"
LENGTH 242.05'
TANGENT 121.06'
CHORD 242.02'@ N29°36'11"W

(9)
RADIUS 2624.67'
DELTA 6°24'50"
LENGTH 293.82'
TANGENT 147.06'
CHORD 293.67'@ N31°02'56"W

(10)
RADIUS 951.44'
DELTA 18°08'00"
LENGTH 301.12'
TANGENT 151.83'
CHORD 299.86'@ N43°19'21"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT
SITE PLANS

HORIZ. SCALE 1"=50' **ESL-5**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => $DATE
TIME PLOTTED => $TIME
12-01-07

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	6	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MARK CASEY
No. 047126
Expl 12/31/07
CIVIL
STATE OF CALIFORNIA

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

WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

11
RADIUS 508.53'
DELTA 48°18'58"
LENGTH 428.83'
TANGENT 228.10'
CHORD 416.24'@ N28°13'52"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT
SITE PLANS

HORIZ. SCALE 1"=50' **ESL-6**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY
DATE REVISED

LAST REVISION 12-01-07
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => $USER
DGN FILE => $REQUEST
CU 00000
EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	7	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Expl 12/31/07 — CIVIL — STATE OF CALIFORNIA

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WOOD RODGERS, INC.
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BUILDING 100-B
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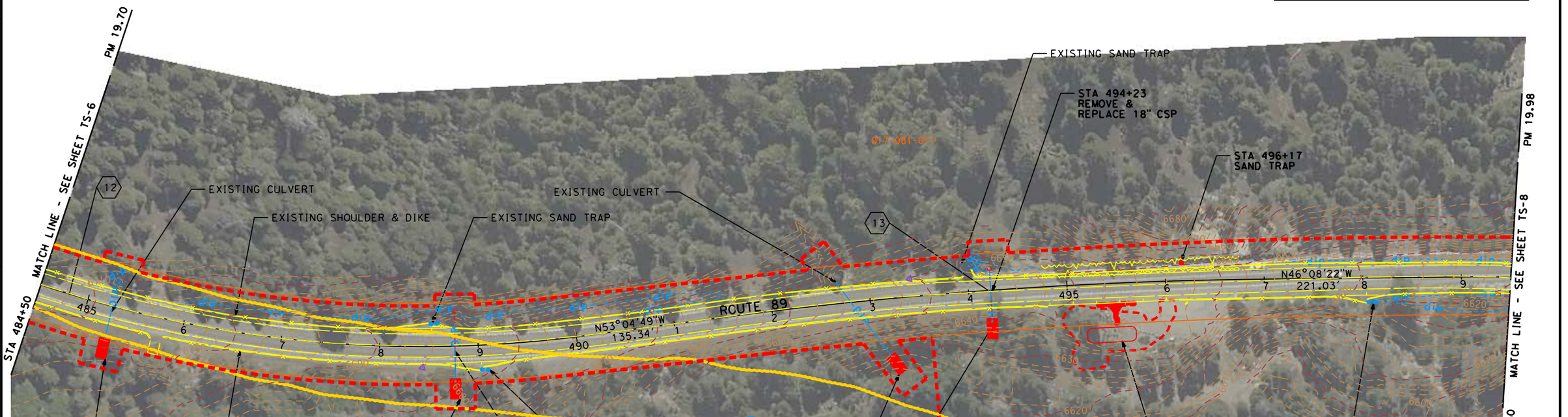
DRAFT PROJECT REPORT PLANS



12 RADIUS 1230.31'
DELTA 49°00'26"
LENGTH 1052.33'
TANGENT 560.78'
CHORD 1020.55'@ N28°34'36"W

13 RADIUS 4593.17'
DELTA 6°56'28"
LENGTH 556.43'
TANGENT 278.56'
CHORD 556.09'@ N49°36'36"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-7**

CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY
DATE REVISED
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION 12-01-07 DATE PLOTTED => $DATE TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => $USER DGN FILE => $REQUEST | CU 00000 | EA 03-1A8440

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	8	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Expl 12/31/07 — CIVIL — STATE OF CALIFORNIA

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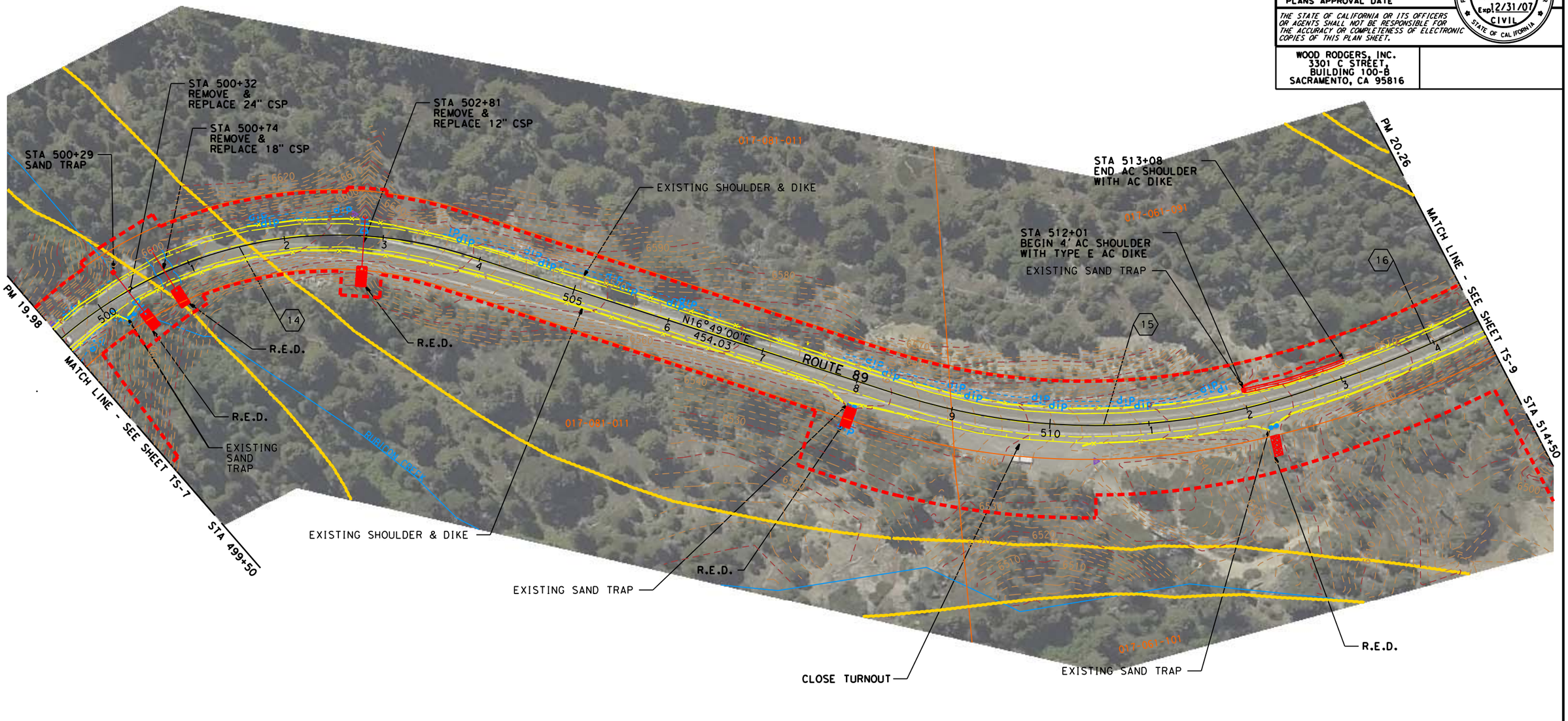
WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



> CURVE DATA

(14)
RADIUS 426.51'
DELTA 62°57'22"
LENGTH 468.64'
TANGENT 261.14'
CHORD 445.42'@ N14°39'41"W

(15)
RADIUS 656.17'
DELTA 37°02'18"
LENGTH 424.17'
TANGENT 219.79'
CHORD 416.83'@ N1°42'09"W

(16)
RADIUS 984.25'
DELTA 10°11'25"
LENGTH 175.05'
TANGENT 87.76'
CHORD 174.82'@ N25°19'00"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-8**

REVISED BY	DATE REVISED
BRIAN WACKER	MARK CASEY
CALCULATED-DESIGNED BY	CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR	MARK RAYBACK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION DATE PLOTTED => $DATE
12-01-07 TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => $USER | DGN FILE => $REQUEST | CU 00000 | EA 03-1A8440

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	9	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Expl 12/31/07 — CIVIL — STATE OF CALIFORNIA

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WOOD RODGERS, INC.
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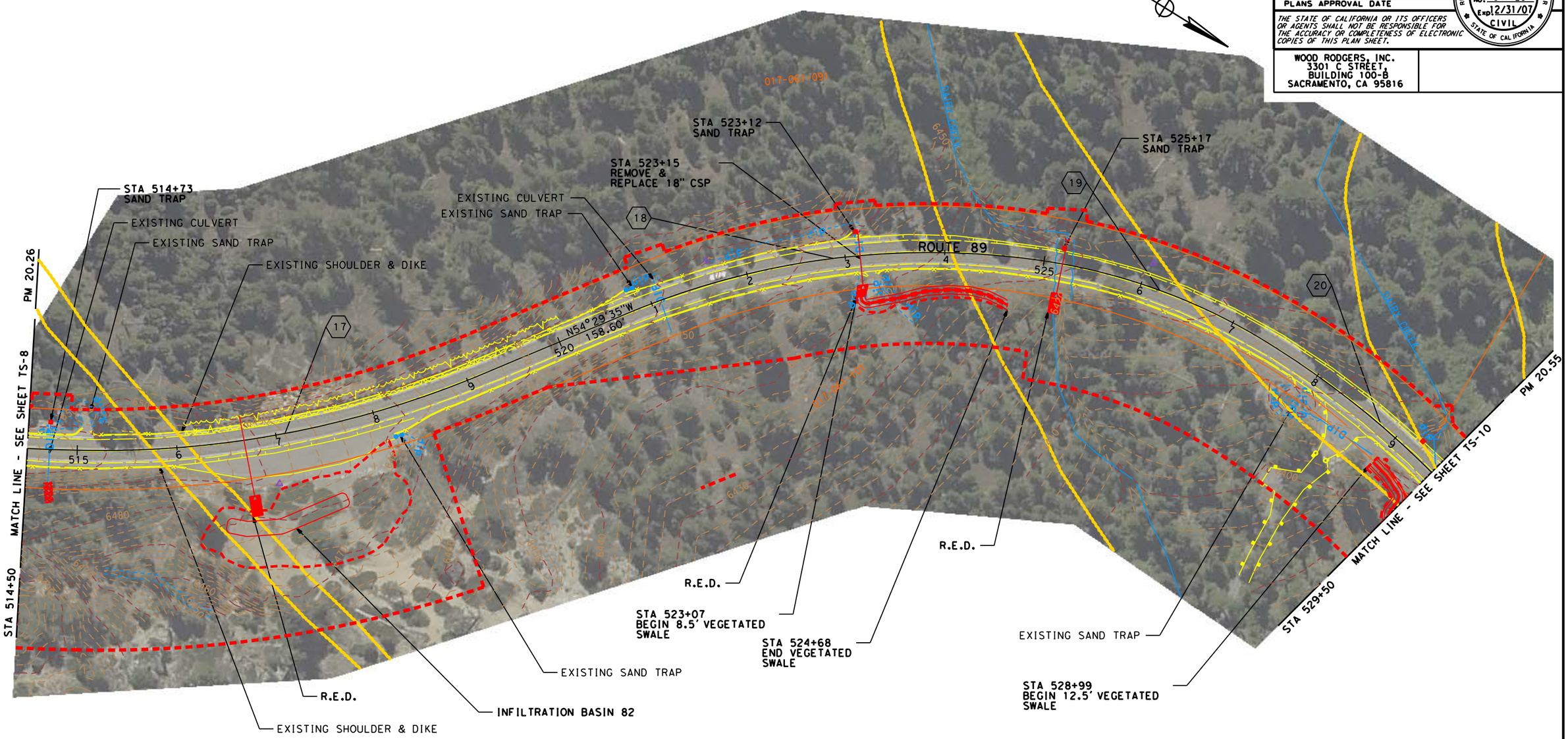
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



> CURVE DATA

17	RADIUS	984.25'
	DELTA	24°04'52"
	LENGTH	413.68'
	TANGENT	209.94'
	CHORD	410.64'@ N42°27'09"W
18	RADIUS	780.43'
	DELTA	31°19'12"
	LENGTH	426.61'
	TANGENT	218.78'
	CHORD	421.32'@ N38°49'59"W
19	RADIUS	591.41'
	DELTA	22°56'33"
	LENGTH	236.81'
	TANGENT	120.01'
	CHORD	235.23'@ N11°42'06"W
20	RADIUS	899.92'
	DELTA	18°14'04"
	LENTH	286.40'
	TANGENT	144.42'
	CHORD	285.19'@ N8°53'12"E

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT
SITE PLANS

HORIZ. SCALE 1"=50' **ESL-9**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK	CALCULATED-DESIGNED BY: BRIAN WACKER	REVISED BY
Caltrans		CHECKED BY: MARK CASEY	DATE REVISED

LAST REVISION | DATE PLOTTED => $DATE | 12-01-07 | TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => $USER | DGN FILE => $REQUEST | CU 00000 | EA 03-1A8440

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	10	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Expl 12/31/07 — CIVIL — STATE OF CALIFORNIA

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WOOD RODGERS, INC.
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BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

STA 529+50

MATCH LINE - SEE SHEET TS-9

PM 20.55

017-061-041

EXISTING CULVERT

EXISTING SHOULDER & DIKE

21

530

R.E.D.

STA 530+13
END VEGETATED SWALE

EXISTING SAND TRAP

R.E.D.

EXISTING SAND TRAP

017-061-071

EXISTING CULVERT

STA 536+88
SAND TRAP

N57°17'38"E
149.31'

ROUTE 89

535

22

EXISTING SAND TRAP

DAIRY CREEK

R.E.D.

STA 536+23
SAND TRAP

017-061-101

EXISTING SHOULDER & DIKE

540

PM 20.83

MATCH LINE - SEE SHEET TS-11

STA 544+50

017-061-061

017-061-071

STA 543+32
END VEGETATED SWALE

23

STA 541+64
BEGIN 8.5' VEGETATED SWALE

EXISTING SAND TRAP

EXISTING SAND TRAP

N4°05'40"W
138.46'

017-061-191

EXISTING SAND TRAP

STA 543+03
BEGIN 8.5' VEGETATED SWALE

21	RADIUS	545.87′	
	DELTA	39°17′23"	
	LENGTH	374.32′	
	TANGENT	194.86′	
	CHORD	367.03′@	N37°38′56"E

22	RADIUS	492.12′	
	DELTA	61°23′18"	
	LENGTH	527.28′	
	TANGENT	292.13′	
	CHORD	502.42′@	N26°35′59"E

23	RADIUS	1968.50′	
	DELTA	9°12′23"	
	LENGTH	316.31′	
	TANGENT	158.49′	
	CHORD	315.97′@	N8°41′52"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT
SITE PLANS

HORIZ. SCALE 1"=50' **ESL-10**

LAST REVISION 12-01-07 — DATE PLOTTED => $DATE — TIME PLOTTED => $TIME

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY

CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	11	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

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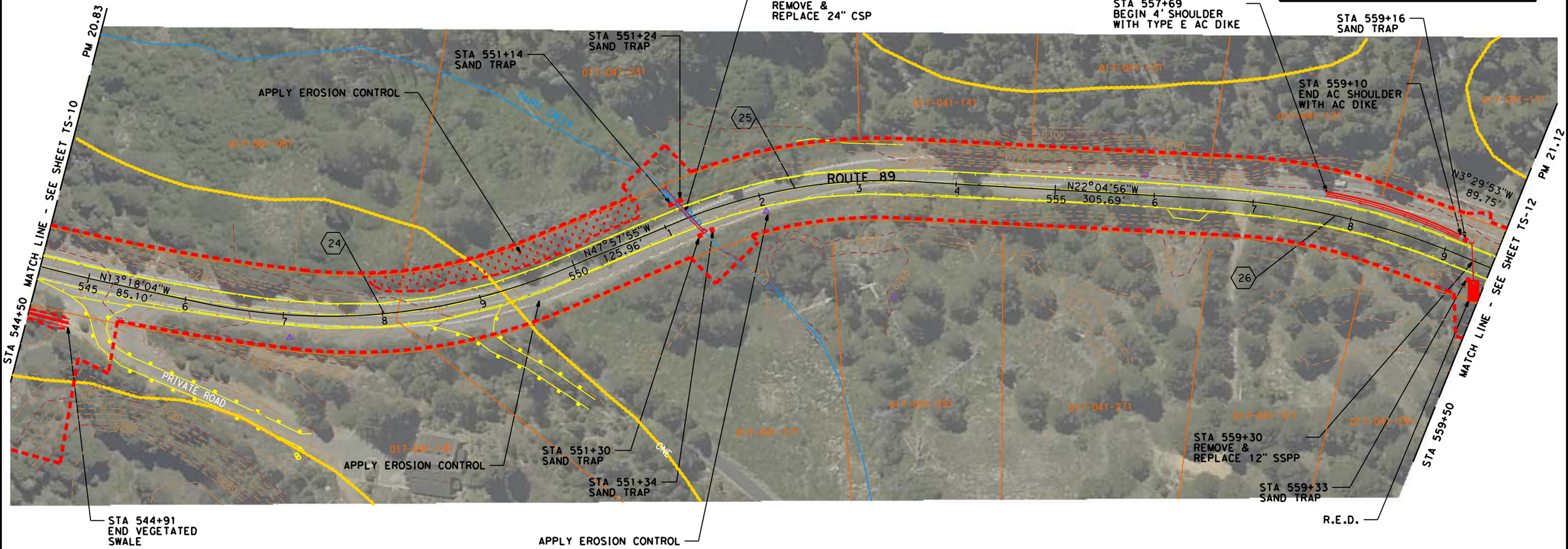
WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS



> CURVE DATA

(24)
RADIUS 616.80'
DELTA 34°39'52"
LENGTH 373.17'
TANGENT 192.49'
CHORD 367.50'@ N30°38'00"W

(25)
RADIUS 541.34'
DELTA 25°53'00"
LENGTH 244.55'
TANGENT 124.40'
CHORD 242.47'@ N35°01'26"W

(26)
RADIUS 738.19'
DELTA 18°35'03"
LENGTH 239.43'
TANGENT 120.78'
CHORD 238.39'@ N12°47'25"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-11**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK

CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY

REVISED BY	DATE REVISED

LAST REVISION — DATE PLOTTED => $DATE — TIME PLOTTED => $TIME
12-01-07

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	12	27

REGISTERED CIVIL ENGINEER DATE

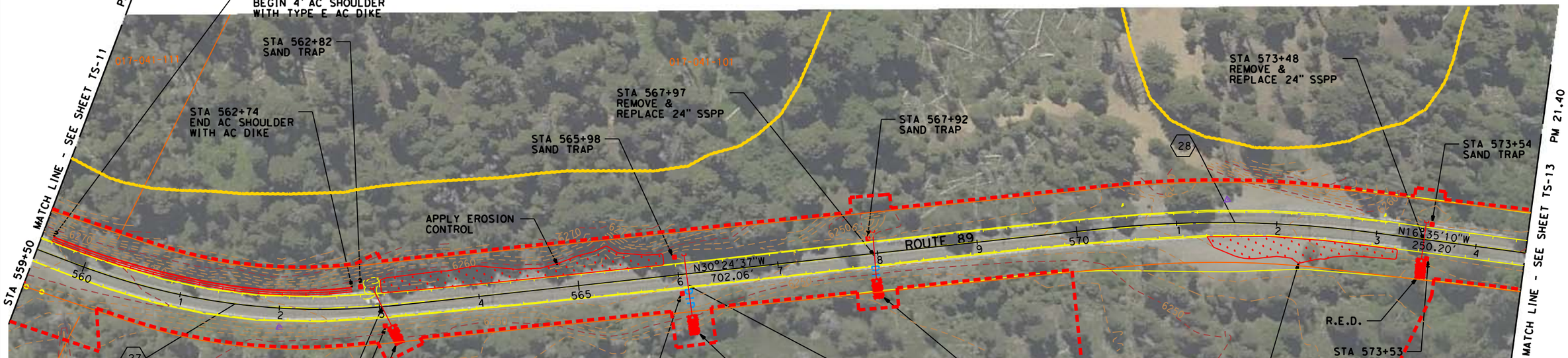
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

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

WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS



> CURVE DATA

(27)
RADIUS 688.97'
DELTA 26°54'44"
LENGTH 323.61'
TANGENT 164.85'
CHORD 320.65'@ N16°57'15"W

(28)
RADIUS 1148.29'
DELTA 13°49'27"
LENGTH 277.06'
TANGENT 139.20'
CHORD 276.38'@ N23°29'54"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-12**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY
DATE REVISED
LAST REVISION
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME
12-01-07

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => $USER | DGN FILE => $REQUEST | CU 00000 | EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	13	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

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SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

29 RADIUS 1443.57'
DELTA 13°30'01"
LENGTH 340.14'
TANGENT 170.86'
CHORD 339.36'@ N23°20'11"W

30 RADIUS 951.44'
DELTA 16°24'48"
LENGTH 272.56'
TANGENT 137.22'
CHORD 271.63'@ N38°17'36"W

31 RADIUS 6496.05'
DELTA 4°30'30"
LENGTH 511.14'
TANGENT 255.70'
CHORD 511.01'@ N44°14'45"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-13**

LAST REVISION | DATE PLOTTED => $DATE | 12-01-07 | TIME PLOTTED => $TIME

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	14	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Expl 12/31/07 — CIVIL — STATE OF CALIFORNIA

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BUILDING 100-B
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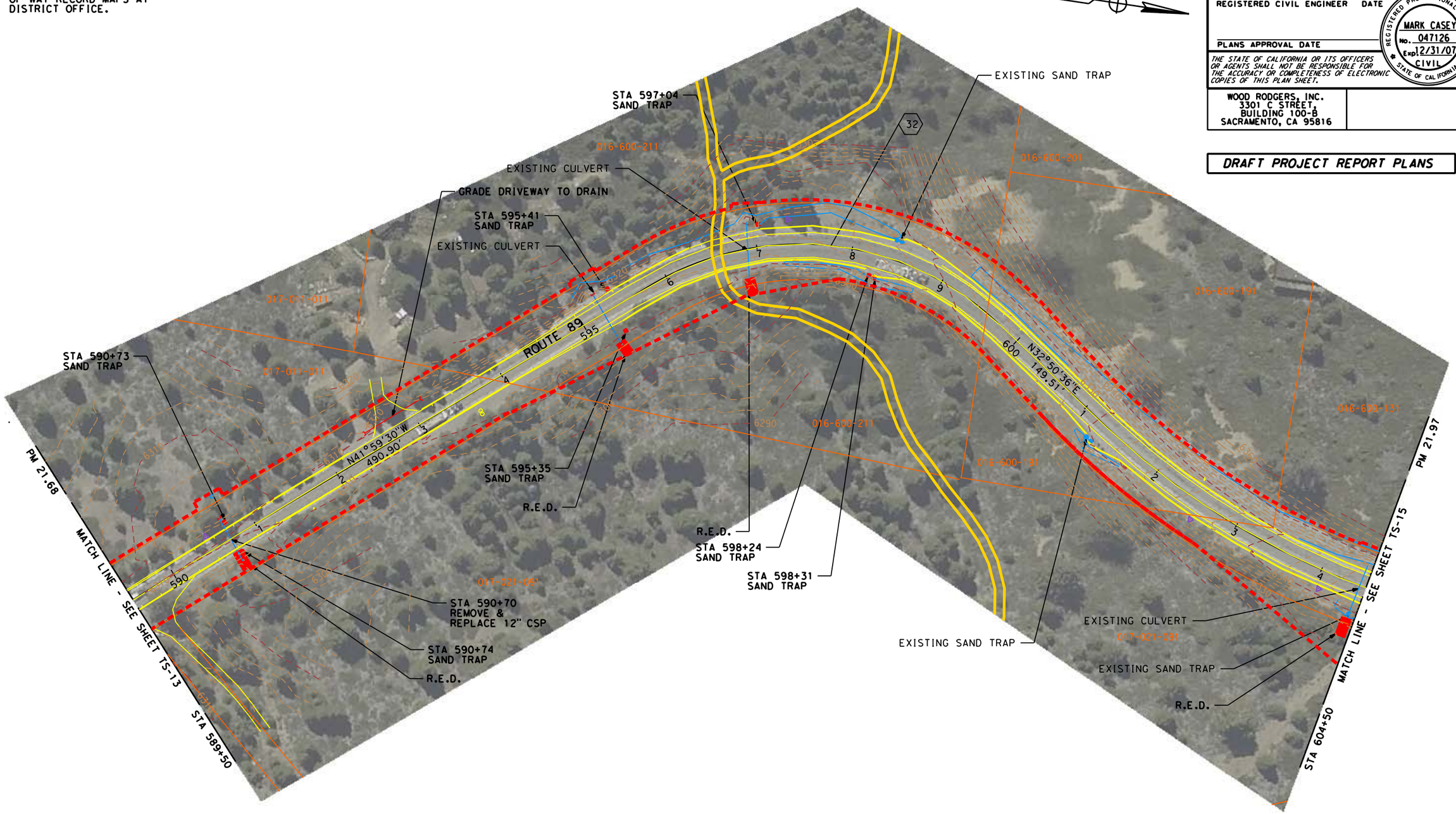
DRAFT PROJECT REPORT PLANS



32 RADIUS 301.84'
DELTA 74°50'06"
LENGTH 394.23'
TANGENT 230.92'
CHORD 366.80'@ N4°34'27"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT
SITE PLANS

HORIZ. SCALE 1"=50' **ESL-14**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY
DATE REVISED

LAST REVISION 12-07-07
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	15	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Expl 12/31/07 — CIVIL — STATE OF CALIFORNIA

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WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

> CURVE DATA

33		34	
RADIUS	793.96′	RADIUS	574.15′
DELTA	49°29′37"	DELTA	24°46′09"
LENGTH	685.85′	LENGTH	248.21′
TANGENT	365.97′	TANGENT	126.07′
CHORD	664.72′@ N8°05′47"E	CHORD	28′@ N29°02′06"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT
SITE PLANS

HORIZ. SCALE 1"=50′ **ESL-15**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK

CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY

REVISED BY	DATE REVISED

LAST REVISION — DATE PLOTTED => $DATE — TIME PLOTTED => $TIME
12-01-07

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	16	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp 12/31/07 — CIVIL — STATE OF CALIFORNIA

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3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

> CURVE DATA

35	RADIUS	301.84′
	DELTA	67°04′02"
	LENGTH	353.31′
	TANGENT	200.04′
	CHORD	333.49′@ N74°57′12"W

36	RADIUS	541.34′
	DELTA	35°38′23"
	LENGTH	336.73′
	TANGENT	174.01′
	CHORD	331.33′@ S89°19′59"W

ROUTE 89 EIP ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50′ **ESL-16**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY
DATE REVISED

LAST REVISION 12-01-07
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => $USER
DGN FILE => $REQUEST
CU 00000
EA 03-1A8440

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	17	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MARK CASEY No. 047126 Exp. 12/31/07 CIVIL STATE OF CALIFORNIA

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WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

37 RADIUS 352.69'
DELTA 87°06'30"
LENGTH 536.20'
TANGENT 335.32'
CHORD 486.03'@ N29°17'34"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT
SITE PLANS

HORIZ. SCALE 1"=50' **ESL-17**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY
DATE REVISED

LAST REVISION 12-01-07
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
USERNAME => $USER
DGN FILE => $REQUEST
CU 00000
EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	18	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Expl 12/31/07 — CIVIL — STATE OF CALIFORNIA

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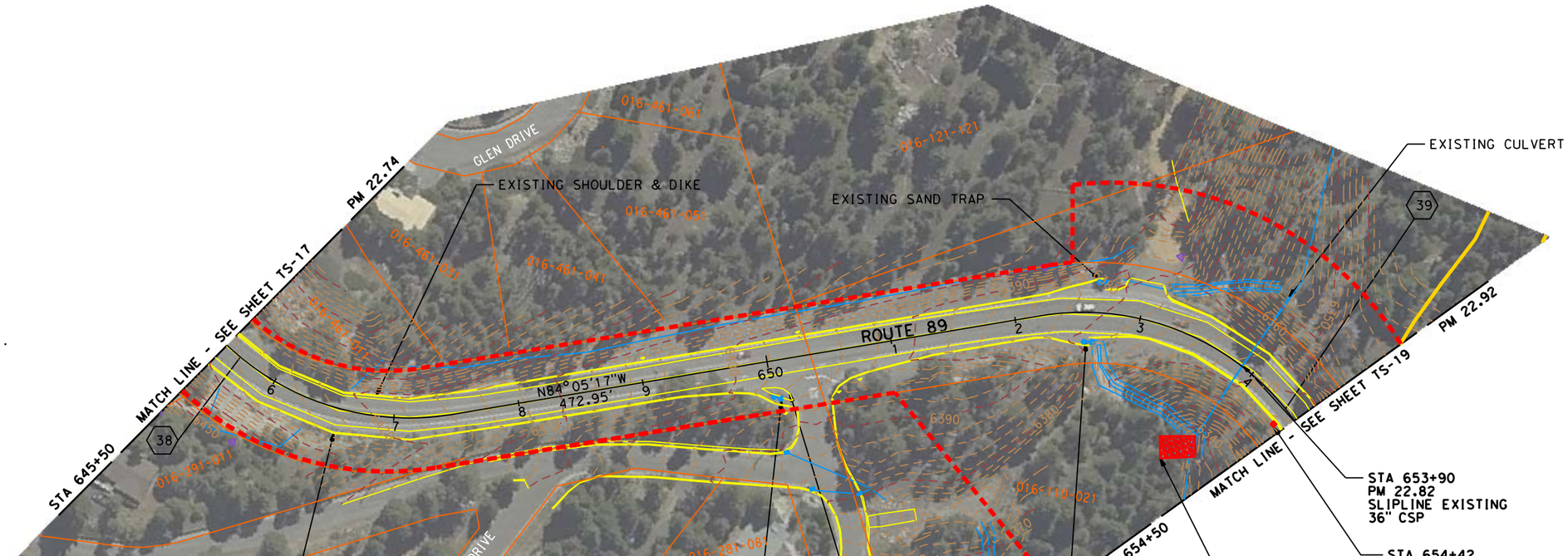
WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS



38 RADIUS 209.97'
DELTA 98°20'58"
LENGTH 360.42'
TANGENT 243.04'
CHORD 317.78'@ N34°54'49"W

39 RADIUS 206.69'
DELTA 121°06'33"
LENGTH 436.90'
TANGENT 366.14'
CHORD 359.99'@ N23°32'01"W

ROUTE 89 EIP ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-18**

CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY
DATE REVISED
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

LAST REVISION 12-01-07
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => $USER | DGN FILE => $REQUEST | CU 00000 | EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	19	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

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WOOD RODGERS, INC.
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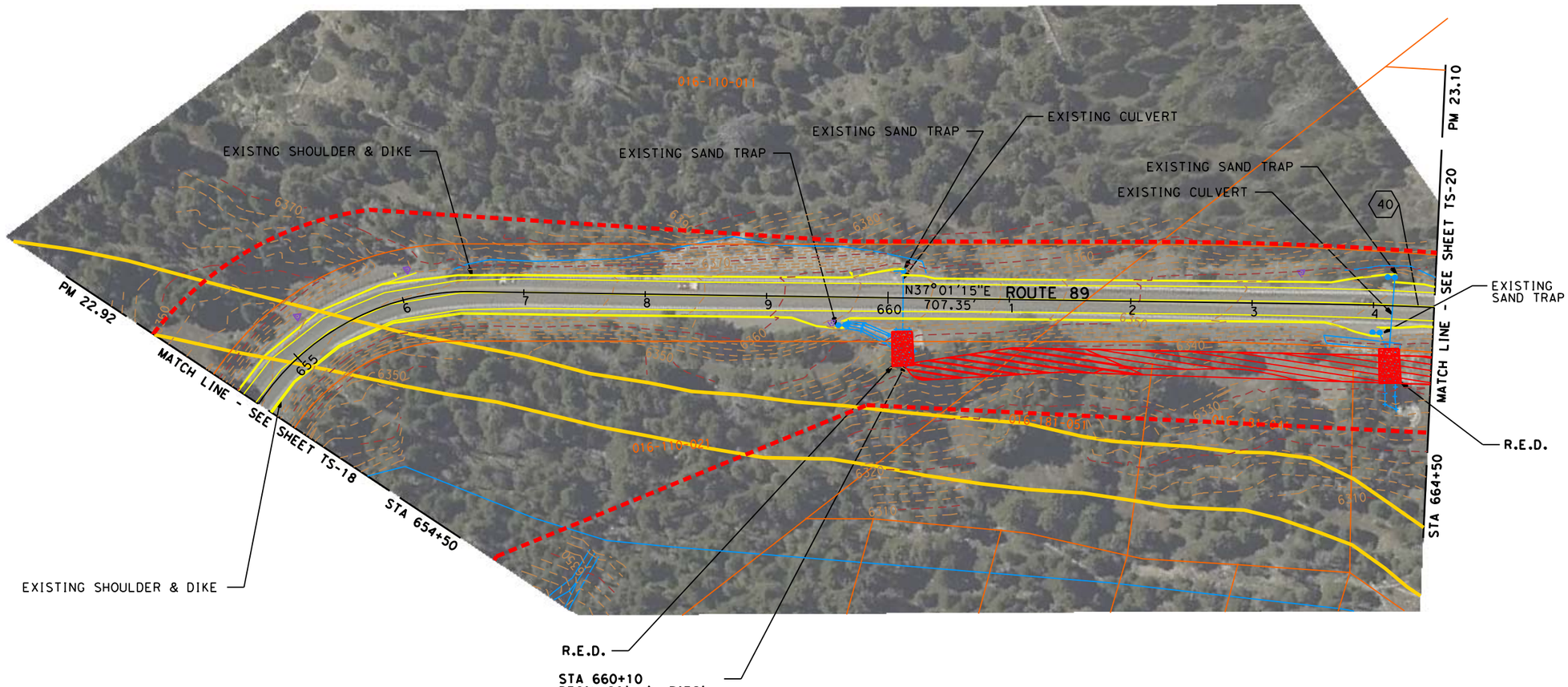
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS



40 RADIUS 2624.67'
DELTA 3°10'56"
LENGTH 145.77'
TANGENT 72.91'
CHORD 145.76'@ N38°36'43"E

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-19**

LAST REVISION 12-01-07
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY | DATE REVISED

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	20	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

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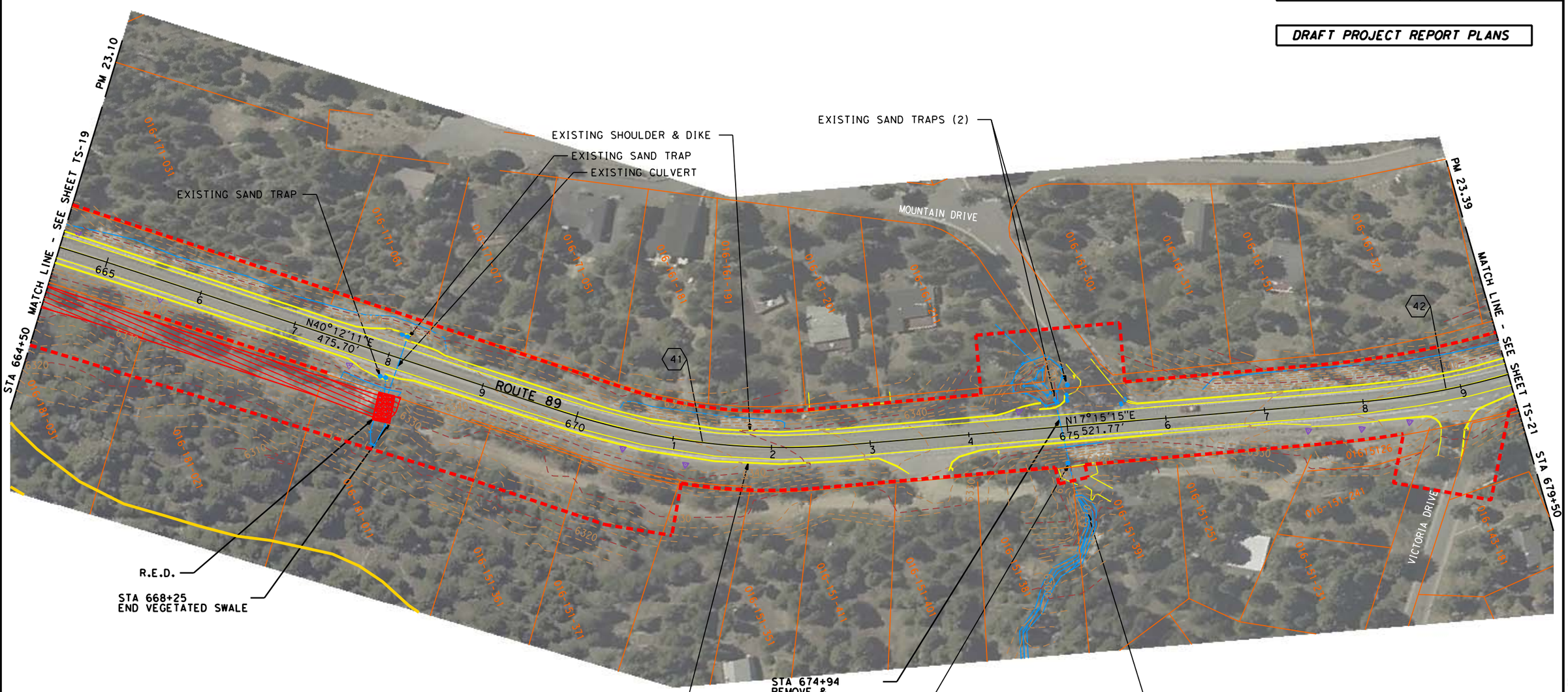
WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



> CURVE DATA

41	RADIUS	721.78′
	DELTA	22°56′56"
	LENGTH	289.10′
	TANGENT	146.51′
	CHORD	287.17′@ N28°43′43"E
42	RADIUS	771.00′
	DELTA	13°08′38"
	LENGTH	176.87′
	TANGENT	88.83′
	CHORD	176.48′@ N10°40′56"E

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50′ **ESL-20**

LAST REVISION — DATE PLOTTED => $DATE — TIME PLOTTED => $TIME — 12-01-07

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK

CALCULATED-DESIGNED BY: BRIAN WACKER — CHECKED BY: MARK CASEY

REVISED BY — DATE REVISED

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	21	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Expl 12/31/07 — CIVIL — STATE OF CALIFORNIA

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WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

EXISTING SHOULDER & DIKE

EXISTING SAND TRAP

EXISTING SAND TRAP

EXISTING CULVERT

RSP OR RE-VEG SLOPES

STA 693+06 SAND TRAP

STA 693+14 REMOVE & REPLACE 12" SSPP

PM 23.39

MATCH LINE - SEE SHEET TS-20

STA 679+50

SILVERTIP DRIVE

ROUTE 89

N4°06'37"E 246.61'

N16°31'17"E 685 121.47'

N3°25'17"E 114.60'

APPLY EROSION CONTROL

EXISTING SHOULDER & DIKE

EXISTING SAND TRAP

STA 693+11 SAND TRAP

R.E.D.

STA 694+50

MATCH LINE - SEE SHEET TS-22

PM 23.67

> CURVE DATA

43	RADIUS	1000.65'	
	DELTA	12°24'41"	
	LENGTH	216.76'	
	TANGENT	108.81'	
	CHORD	216.34'@ N10°18'57"E	
44	RADIUS	1049.87'	
	DELTA	13°06'00"	
	LENGTH	240.04'	
	TANGENT	120.55'	
	CHORD	239.52'@ N9°58'17"E	
45	RADIUS	1066.27'	
	DELTA	32°59'39"	
	LENGTH	614.02'	
	TANGENT	315.78'	
	CHORD	605.57'@ N19°55'06"E	

ROUTE 89 EIP ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-21**

LAST REVISION 12-01-07 — DATE PLOTTED => $DATE — TIME PLOTTED => $TIME

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK

CALCULATED-DESIGNED BY: BRIAN WACKER

CHECKED BY: MARK CASEY

DATE REVISED	REVISED BY

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	22	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MARK CASEY
No. 047126
Exp. 12/31/07
CIVIL
STATE OF CALIFORNIA

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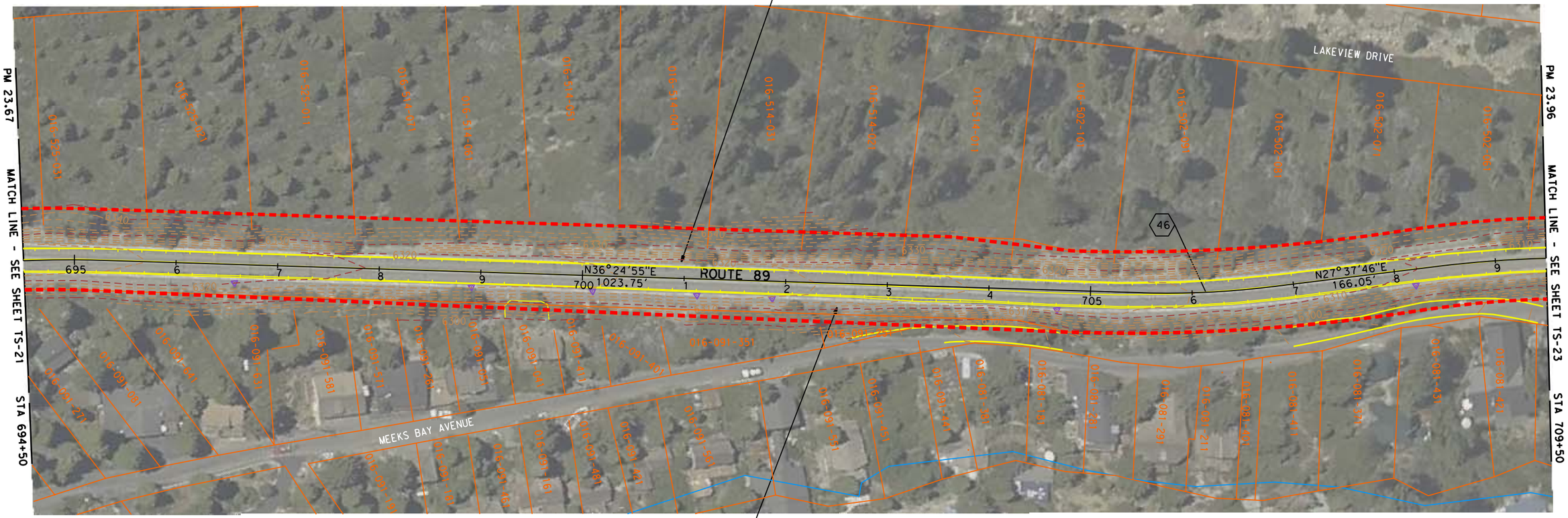
DRAFT PROJECT REPORT PLANS

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

APPLY EROSION CONTROL



APPLY EROSION CONTROL

> CURVE DATA

46
RADIUS 820.21'
DELTA 8°47'09"
LENGTH 125.77'
TANGENT 63.01'
CHORD 125.65'@ N32°01'21"E

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT
SITE PLANS

HORIZ. SCALE 1"=50' **ESL-22**

LAST REVISION 12-01-07
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	23	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

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

WOOD RODGERS, INC.
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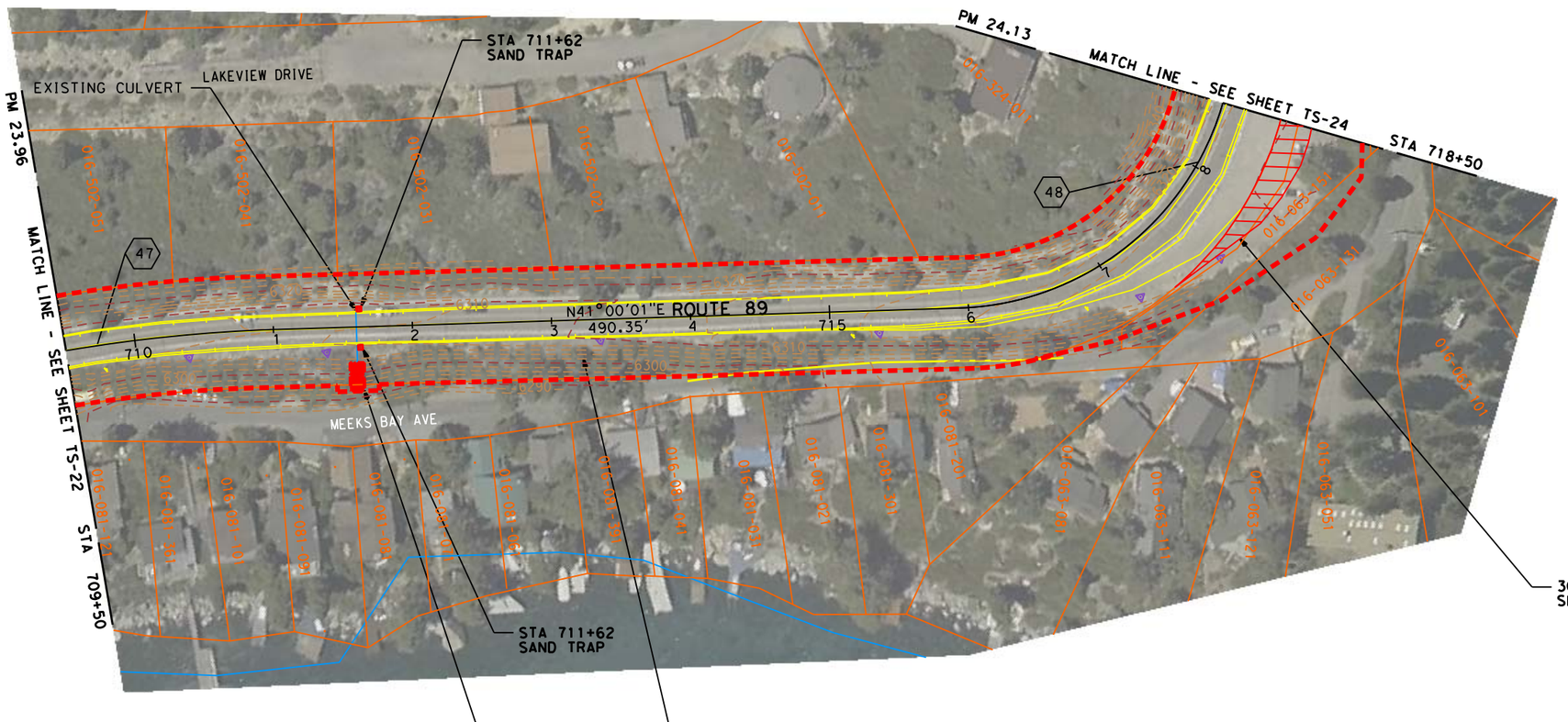
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS



> CURVE DATA

(47)
RADIUS 1115.48'
DELTA 13°22'15"
LENGTH 260.31'
TANGENT 130.75'
CHORD 259.72'@ N34°18'53"E

(48)
RADIUS 204.07'
DELTA 118°25'21"
LENGTH 421.78'
TANGENT 342.48'
CHORD 350.61'@ N18°12'40"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-23**

CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

REVISED BY	DATE REVISED

LAST REVISION: DATE PLOTTED => $DATE 12-01-07; TIME PLOTTED => $TIME

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	24	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Expl 12/31/07 — CIVIL — STATE OF CALIFORNIA

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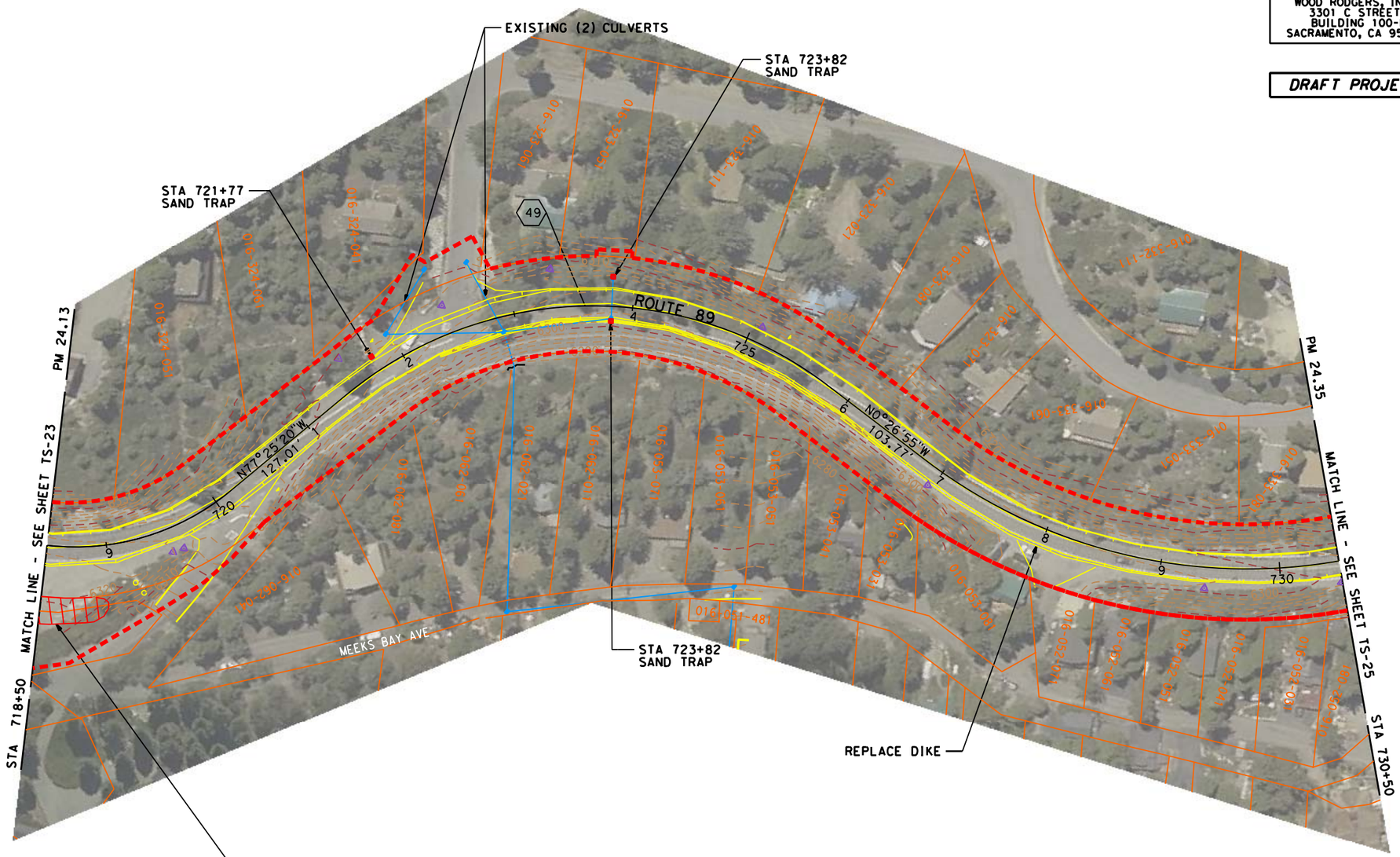
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS



49 RADIUS 324.80'
DELTA 76°58'25"
LENGTH 436.35'
TANGENT 258.24'
CHORD 404.27'@ N38°56'08"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-24**

LAST REVISION 12-01-07
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK
CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY
REVISED BY | DATE REVISED

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => $USER | DGN FILE => $REQUEST | CU 00000 | EA 03-1A8440

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	25	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MARK CASEY
No. 047126
Exp. 12/31/07
CIVIL
STATE OF CALIFORNIA

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

WOOD RODGERS, INC.
3301 C STREET,
BUILDING 100-B
SACRAMENTO, CA 95816

DRAFT PROJECT REPORT PLANS

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

(50)

RADIUS	446.19'
DELTA	106°50'54"
LENGTH	832.09'
TANGENT	601.33'
CHORD	716.65'@ N53°52'22"W

ROUTE 89 EIP ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50'

ESL-25

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK

CALCULATED-DESIGNED BY: BRIAN WACKER

CHECKED BY: MARK CASEY

REVISED BY

DATE REVISED

LAST REVISION 12-01-07

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

NOTE: FOR COMPLETE RIGHT OF WAY, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	89	18.00/24.91	26	27

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARK CASEY — No. 047126 — Exp. 12/31/07 — CIVIL — STATE OF CALIFORNIA

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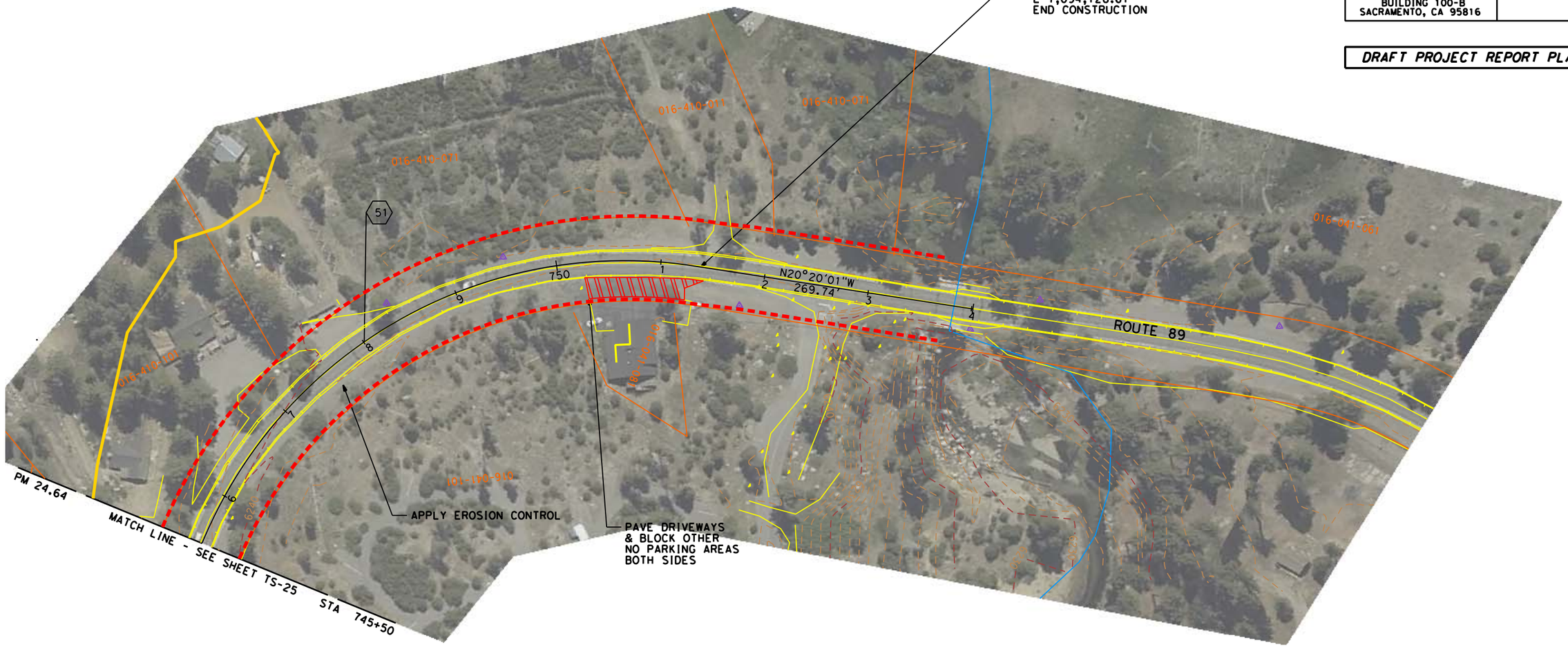
DRAFT PROJECT REPORT PLANS



> CURVE DATA

(51)
RADIUS 436.35'
DELTA 86°57'49"
LENGTH 662.29'
TANGENT 413.82'
CHORD 53'@ N63°48'55"W

ROUTE 89 EIP
ENVIRONMENTAL STUDY LIMIT SITE PLANS

HORIZ. SCALE 1"=50' **ESL-26**

LAST REVISION 12-01-07
DATE PLOTTED => $DATE
TIME PLOTTED => $TIME

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY: BRIAN WACKER
CHECKED BY: MARK CASEY

CONSULTANT FUNCTIONAL SUPERVISOR: MARK RAYBACK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

USERNAME => $USER
DGN FILE => $REQUEST

CU 00000

EA 03-1A8440