

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS

REGISTERED CIVIL ENGINEER DATE _____

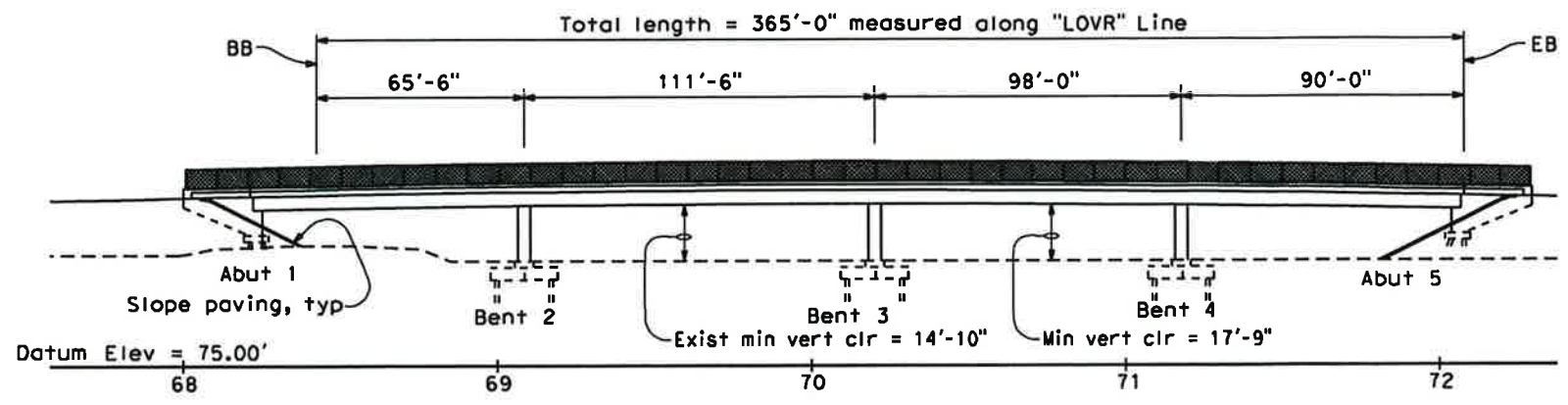
PLANS APPROVAL DATE _____

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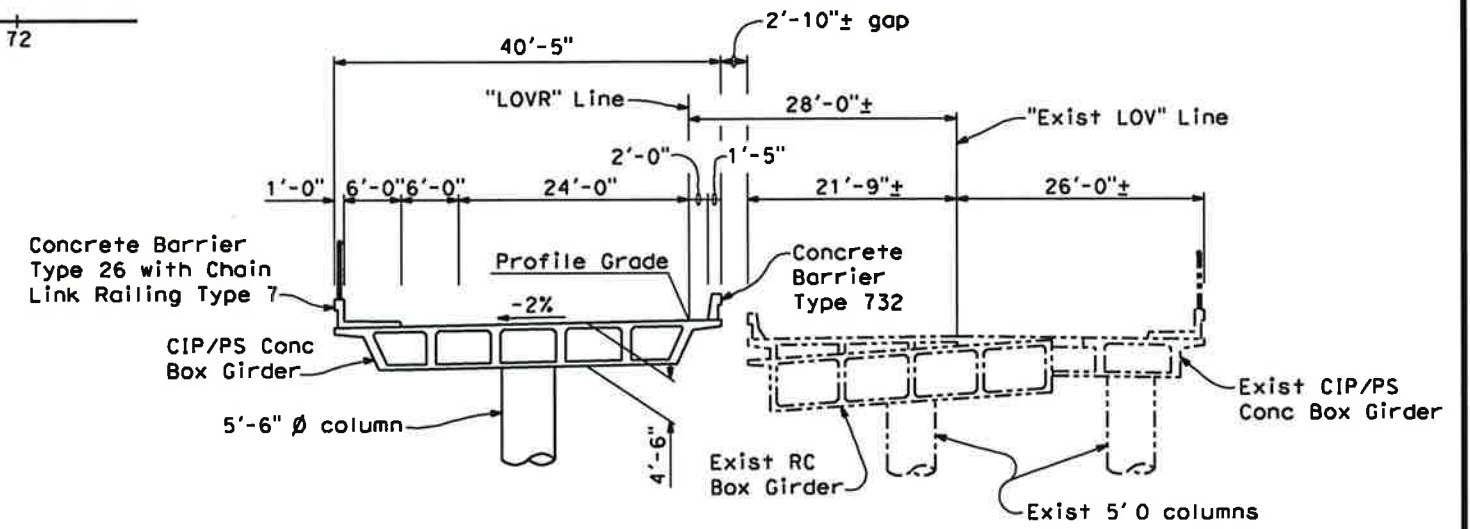
DOKKEN ENGINEERING
2365 Iron Point Road, Suite 200
Folsom, CA 95630

LEGEND

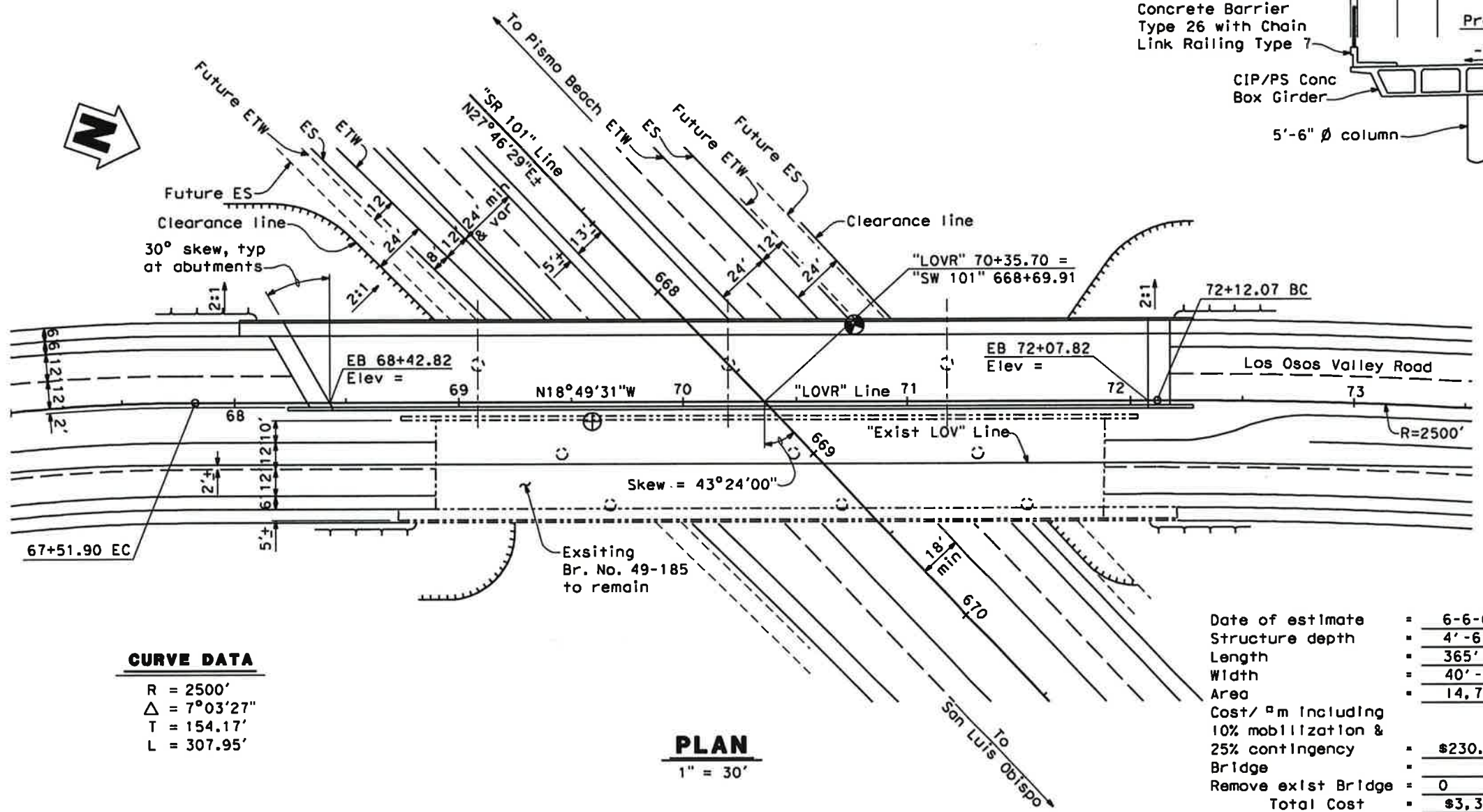
- ⊕ Point of min vert clearance
- ⊕ Exist point of min vert clearance



MIRROR ELEVATION
1" = 30'



TYPICAL SECTION
1" = 10'



CURVE DATA

R = 2500'
 $\Delta = 7^\circ 03' 27''$
 T = 154.17'
 L = 307.95'

PLAN
1" = 30'

Vehicular Traffic

1. New alignment. No traffic at the site.
 2. Traffic will be detoured away from the site.
 3. Traffic will be carried on the structure. Stage construction will/will not be required.
 4. Traffic will pass under the structure on State Route 101.
 - A. No falsework allowed over traffic.
 - B. Falsework opening(s) required.
- | | Temporary Vertical Clearance | Width of Traffic Opening |
|----------|------------------------------|--------------------------|
| NorthBnd | 15'-0" | 38' |
| SouthBnd | 15'-0" | 26' |
| Two-way | | |
- C. Temporary traffic lane reduction needed for footing excavation.

Date of estimate	= 6-6-07
Structure depth	= 4'-6"
Length	= 365'-0"
Width	= 40'-5"
Area	= 14,753 sf
Cost/ m^2 including 10% mobilization & 25% contingency	= \$230.00
Bridge	=
Remove exist Bridge	= 0
Total Cost	= \$3,390,000

CIP/PS CONC BOX GIRDER ALTERNATIVE
LOS OSOS VALLEY ROAD O.C. (LEFT)
GENERAL PLAN (ALT 3)

DESIGN OVERSIGHT	DESIGN BY M. Maechler	CHECKED	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	M. Griggs PROJECT ENGINEER	BRIDGE NO. 49-185L
SIGN OFF DATE	DETAILS BY K. Dang	CHECKED	LAYOUT	PLANS AND SPECS COMPLETED			POST MILES
DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 2/25/05)	QUANTITIES BY	CHECKED	SPECIFICATIONS BY		CU EA	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)

DATE PLOTTED -> \$DATE USERNAME -> \$USER TIME PLOTTED -> \$TIME

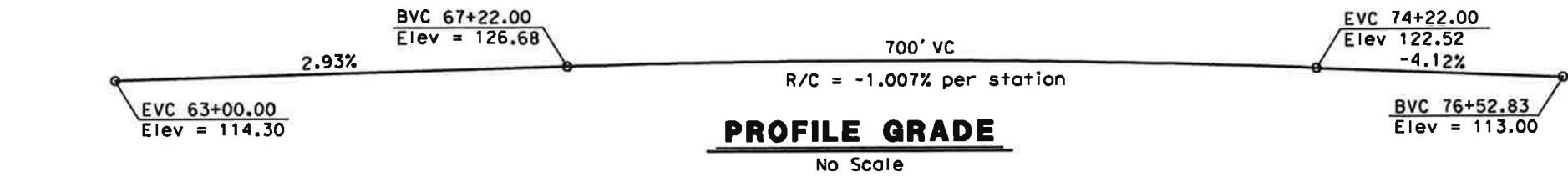
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

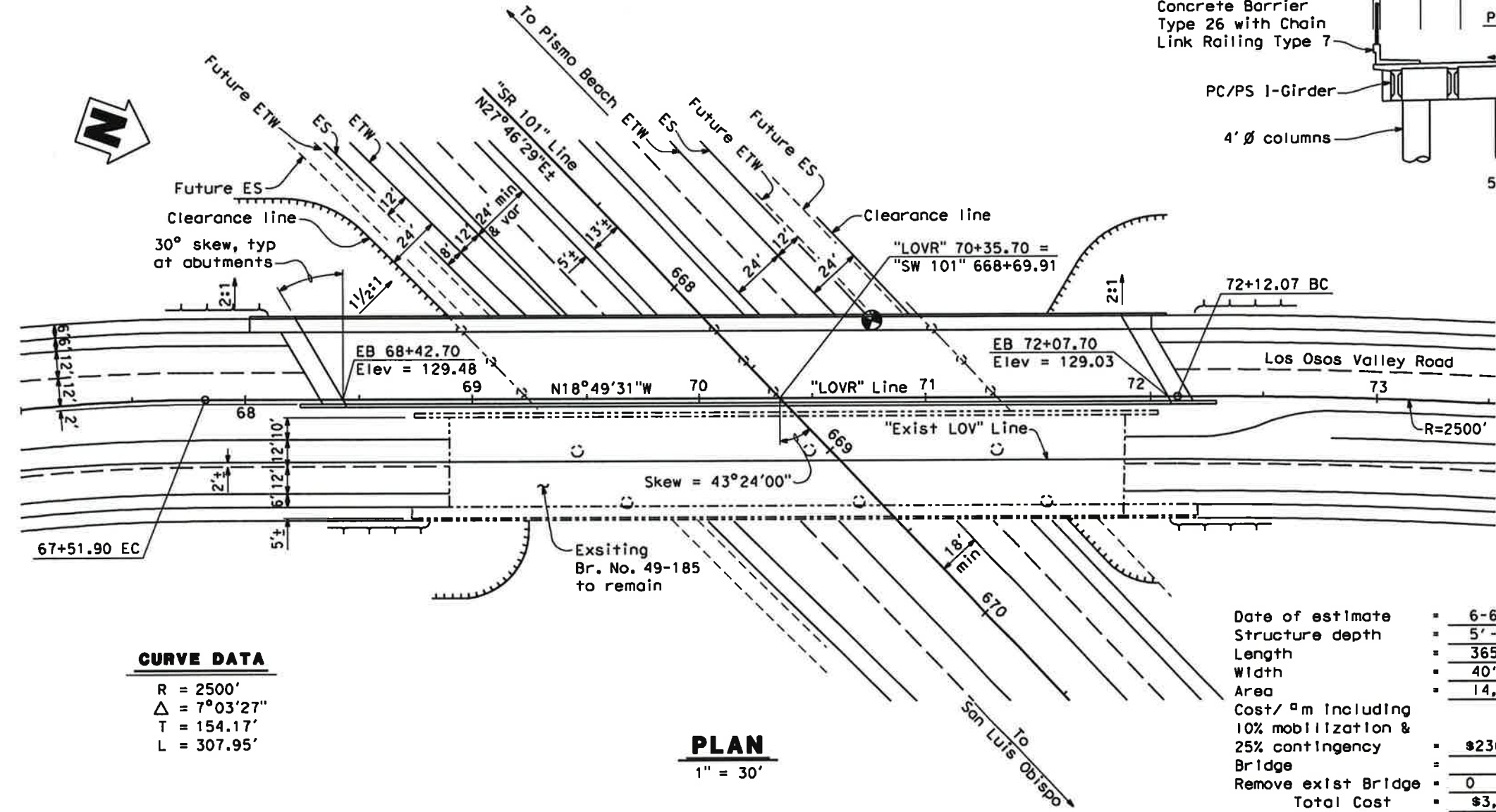
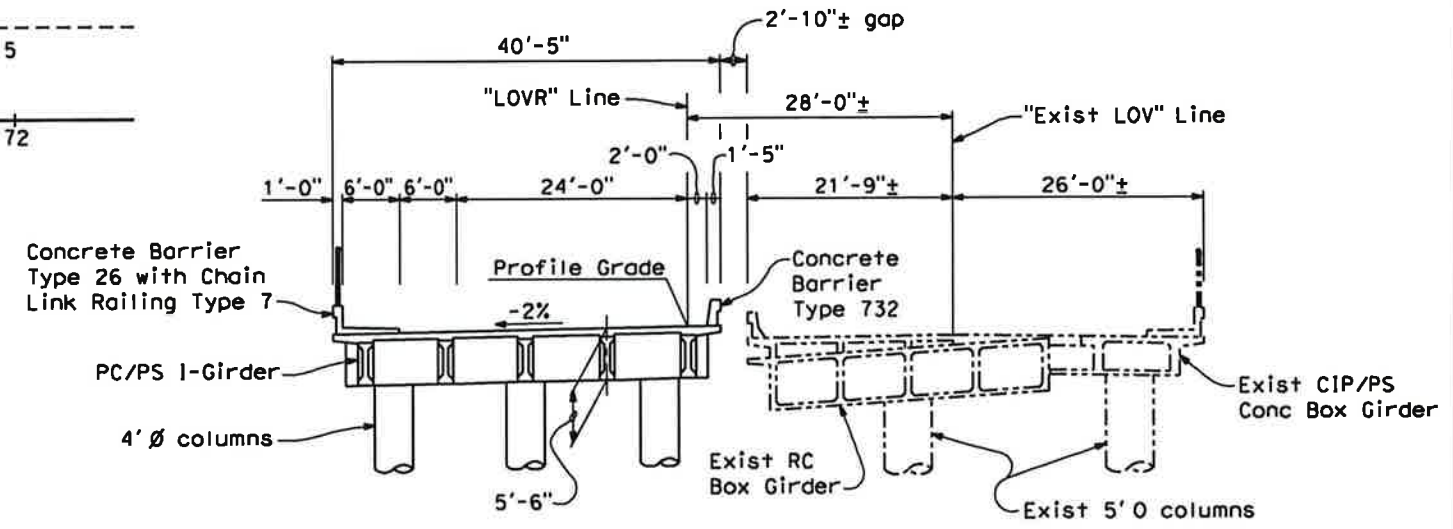
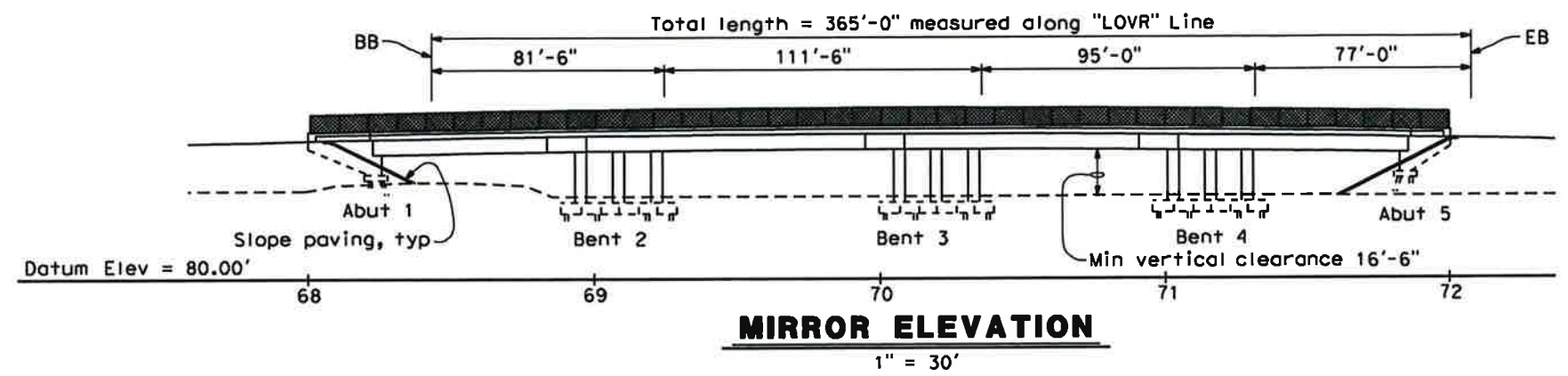
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2365 Iron Point Road, Suite 200
Folsom, CA 95630



LEGEND

⊙ Point of min vert clearance



TYPICAL SECTION
1" = 10'

Vehicular Traffic

1. — New alignment. No traffic at the site.
2. — Traffic will be detoured away from the site.
3. — Traffic will be carried on the structure. Stage construction will/will not be required.
4. Traffic will pass under the structure on State Route 101.
 - A. — No falsework allowed over traffic.
 - B. Falsework opening(s) required.

	Temporary Vertical Clearance	Width of Traffic Opening
NorthBnd	16'-6"	49'
SouthBnd	16'-6"	37'
Two-way		

C. — Temporary traffic lane reduction needed for footing excavation.

CURVE DATA

R = 2500'
 $\Delta = 7^\circ 03' 27''$
 T = 154.17'
 L = 307.95'

Date of estimate	= 6-6-07
Structure depth	= 5'-6"
Length	= 365'-0"
Width	= 40'-5"
Area	= 14,753 sf
Cost/ sqm including 10% mobilization & 25% contingency	= \$230.00
Bridge	= 0
Remove exist Bridge	= 0
Total Cost	= \$3,390,000

PLAN
1" = 30'

PRECAST I-GIRDER ALTERNATIVE
LOS OSOS VALLEY ROAD O.C. (LEFT)
GENERAL PLAN (ALT 3)

DESIGN OVERSIGHT	DESIGN BY M. Maechler	CHECKED	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	M. Griggs PROJECT ENGINEER	BRIDGE NO. 49-185L
SIGN OFF DATE	DETAILS BY K. Dang	CHECKED	LAYOUT	PLANS AND SPECS COMPLETED			POST MILES
DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 2/25/05)	QUANTITIES BY	CHECKED	SPECIFICATIONS BY		CU EA	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)

TIME PLOTTED -> \$TIME USERNAME -> \$USER

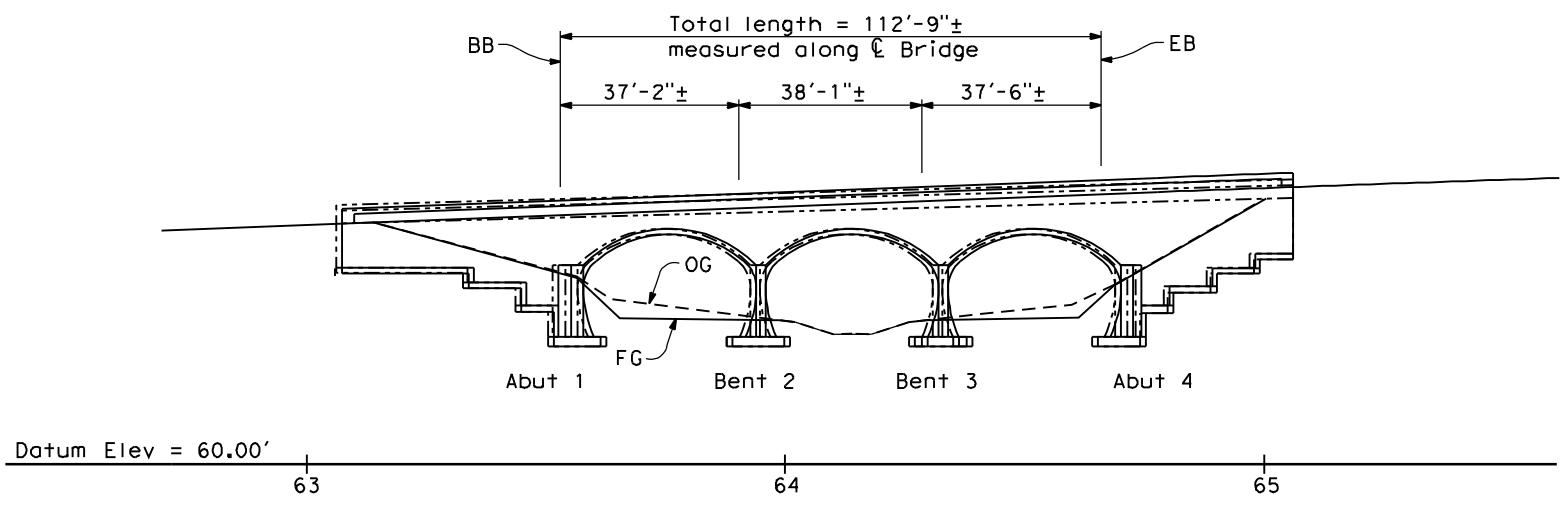
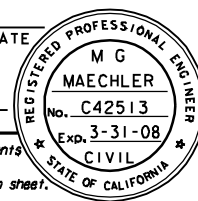
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

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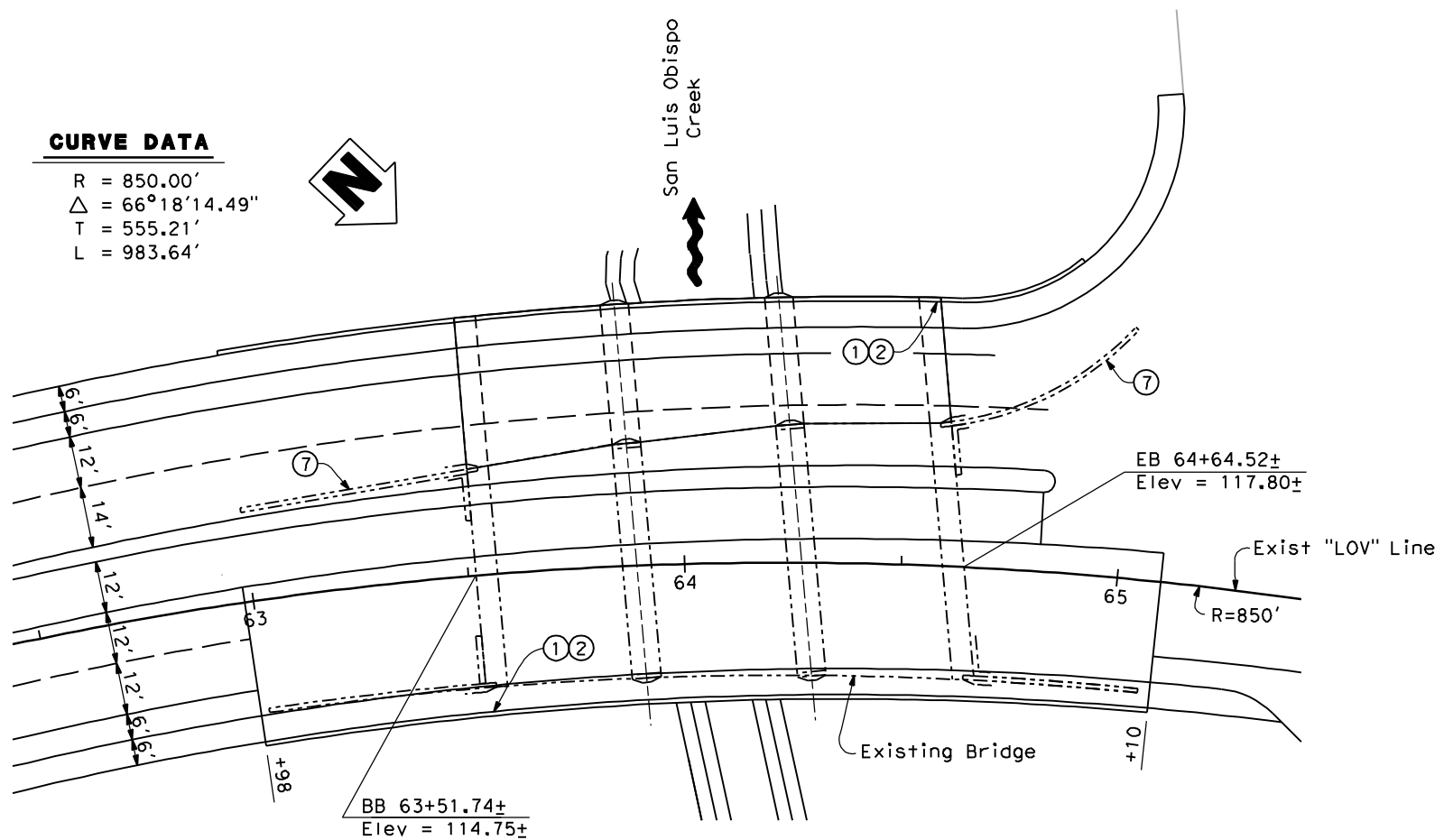
DOKKEN ENGINEERING
2365 Iron Point Road, Suite 200
Folsom, CA 95630



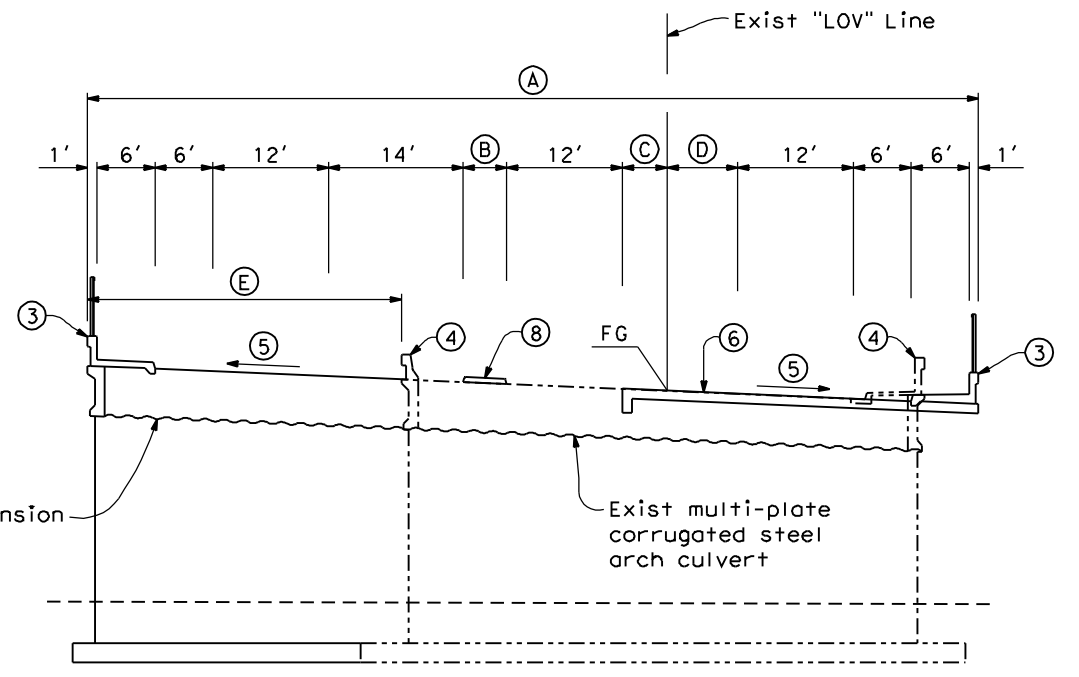
MIRROR ELEVATION
1" = 20'

CURVE DATA

R = 850.00'
 $\Delta = 66^\circ 18' 14.49''$
 T = 555.21'
 L = 983.64'



PLAN
1" = 20'



TYPICAL SECTION

1" = 10'

LEGEND

- ① Paint "Br. No. 49C-0401"
 - ② Paint "San Luis Obispo Creek Bridge"
 - ③ Concrete Barrier Type 26 with Chain Link Railing Type 7
 - ④ Remove exist barrier
 - ⑤ Match exist cross slope & profile grade
 - ⑥ Barrier Slab
 - ⑦ Remove retaining wall to 3'-0" below FG
 - ⑧ Raise median
 - (A) Varies from 92'-4" to 93'-8"
 - (B) Varies from 4'-4" to 5'-0"
 - (C) Varies from 4'-4" to 6'-2"
 - (D) Varies from 7'-8" to 5'-10"
 - (E) Varies from 34'-9" to 27'-10"
- Denotes existing structure

Date of estimate	=	6-6-07
Structure depth	=	Varies
Length	=	112'-9"
Width	=	34'-9" to 27'-10"
Area	=	3520 sf
Cost/ ² m including 10% mobilization & 25% contingency	=	\$270.00
Bridge	=	
Traffic handling	=	
Remove exist Bridge	=	\$50,000
Total Cost	=	\$1,000,000

DESIGN OVERSIGHT	DESIGN BY M. Maechler	CHECKED	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO. 49C-0401	SAN LUIS OBISPO CREEK BRIDGE GENERAL PLAN
SIGN OFF DATE	DETAILS BY K. Dang	CHECKED	LAYOUT BY	CHECKED	M. Griggs PROJECT ENGINEER	POST MILES	
	QUANTITIES BY	CHECKED	SPECIFICATIONS BY	PLANS AND SPECS COMPARED			

DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 2/25/05) ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

CU EA DISREGARD PRINTS BEARING EARLIER REVISION DATES

USERNAME => rrebecco DATE PLOTTED => 1/25/2008 TIME PLOTTED => 3:47:18 PM

