Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	91	15.6/21.6	787	2028

REGISTERED CIVIL ENGINEER 12-1-10 DATE

4-25-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER THOMAS HIEN NGO No. 68383 Exp. 9/30/11 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.

1

MINOR CONCRETE

LOCATION STATION TO STATION	SIDEWALK	CURB RAMP	DRIVEWAY	CURB & GUTTER	CROSS GUTTER	MINOR CONCRETE MINOR STRUCTURE
	yd^3	yd^3	yd^3	yd^3	yd^3	yd^3
31+23.85 41.42′RT "INDI1" TO 3706+13 65.4′ RT "INDI1"						37.06
23+55.1 35.50′LT "CENTRAL1" TO 293+95.4 108.47′ RT "JEFF1"	7.3	0.9		12.9		
24+82.4 38.58′LT "CENTRAL1" TO 25+61.8 37.53′ LT "CENTRAL1"	5.6			11.8		
24+82.4 38.58′LT "CENTRAL1" TO 25+61.8 37.53′ LT "CENTRAL1"				1.7		
25+85.4 139.22′LT"CENTRAL1" TO 26+41.58 44.83′ LT"CENTRAL1"	1.8	1.2		10.3		
05+84.1 20.31′ LT "IVY3" TO 07+65.2 15.17′ LT "IVY3"	2.4		2.1	11.1		
08+81.2 17.00′ LT "IVY3" TO 09+03.3 17.00′ LT "IVY3"			2.7			
10+76.2 15.17′ LT "IVY3" TO 13+01.9 15.17′ LT "IVY3"	17.6			15.6		
05+84.1 16.97′ RT "IVY3" TO 09+50.0 10.17′ RT "RKHILL1"			7.4	21.0		
07+72.4 16.40′ RT "IVY3" TO 09+50.0 10.17′ LT "RKHILL1"			3.9	14.4		
08+81.2 17.00′ RT "IVY3" TO 09+03.2 17.00′ RT "IVY3"			2.3			
10+85.6 15.17′ RT "IVY3" TO 13+01.9 15.17′ RT "IVY3"				12.8		
05+02.1 45.82′ RT "CRIDGE2" TO 05+90.5 18.17′ RT "CRIDGE2"	4.1	1.5	6.2	6.5		
08+09.3 18.22′ RT "CRIDGE2" TO 08+76.0 18.11′ RT "CRIDGE2"	18.7			4.3		
05+34.1 70.62′ LT "CRIDGE2" TO 05+89.4 18.17′ LT "CRIDGE2"	8.6	0.7		7.9		
08+09.3 18.22′ LT "CRIDGE2" TO 08+76.0 18.11′ LT "CRIDGE2"	5.2			4.3		
365+38.4 74.76′ LT "GE1" TO 367+00 75.45′ LT "GE1"				18.0		
02+58.1 17.97′ RT "KANE1" TO 369+57.6 160′ LT "GE1"				7.9		
370+23.7 147.32′ LT "GE1" TO 370+87.7 156.71′ LT "GE1"				6.1		
370+23.7 147.32′ LT "GE1" TO 370+87.7 156.71′ LT "GE1"				3.3		
05+17.06 38.62′ RT "D14ST2" TO 372+68.5 187.80′ LT "GE1"	7.4	1.4	15.3	14.9		
06+26.7 62.13′ RT "D14ST2" TO 06+68.4 43.50′ RT "D14ST2"	3.4	0.6		4.0		
09+02.1 43.45′ RT "D14ST2" TO 09+27.1 63.51′ RT "D14ST2"	2.1	1.1		2.2		
09+70.6 108.75′ RT "D14ST2" TO 11+00 42.38′ RT "D14ST2"	7.7	1.9		27.9		
05+39.9 43.22′ LT "D14ST2" TO 377+51.2 183.61′ LT "GE1"	17.8	1.1	19.9	22.3		
06+21.3 73.90′ LT "D14ST2" TO 06+67.9 58.50′ LT "D14ST2"	3.8	0.8		3.1		
09+02.2 58.50′ LT "D14ST2" TO 09+31.2 68.65′ LT "D14ST2"	0.4	1.1	0.5	2.7		
09+62.7 105.70′ LT "D14ST2" TO 11+00 54.52′ LT "D14ST2"	10.8	1.1		10.6		
0+55.5 3.20′ RT "MULBERY1" TO 1+41.2 3.20′ RT "MULBERY1"				6.2		
5+26.4 14.68′ RT "MULBERY1" TO 5+96.4 14.99′ RT "MULBERY1"				5.8		
21+52.9 41.58′ RT "LIME1" TO 29+91.2 142.08′ RT "LIME1"	62	4.9	6.9	53.3	30.7	
386+11.2 166.94′ RT "GE1" TO 389+83.7 144.42′ RT "GE1"				23.9		
SHEET C-38 PARCEL 20867 IMPROVEMENTS						44.80
SUB TOTAL	186.8	18.3	67.2	347	30.7	37.06
SUB TOTAL FROM Q-9	215.7	24.3	28.9	324	79	
TOTAL	402.5	42.6	96.1	671	109.7	81.86

3

3 REVISED PER ADDENDUM No. 3 DATED NOVEMBER 28, 2011

1 REVISED PER ADDENDUM No. 1 DATED NOVEMBER 8, 2011

SUMMARY OF QUANTITIES

Q-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

FUNCTIONAL SUPERVISOR: MARK PERTILE
CALCULATED-DESIGNED BY: THAI VAN HGUYEN
CHECKED BY: THOMAS HIEN NGO
REVISED BY
DATE REVISED

LAST REVISION 10-13-11
DATE PLOTTED => 28-NOV-2011
TIME PLOTTED => 10:05

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	91	15.6/21.6	797	2028

REGISTERED CIVIL ENGINEER 4-26-11 DATE

4-25-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER CUONG LE TRAN No. C60436 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.

CONCRETE WALL TEXTURE

WALL No.	RW/SW	STATION TO STATION LOL RETAINING WALL (UNLESS OTHERWISE SHOWN)	ARCHITEXTURAL SURFACE (TEXTURE CONCRETE) FRACTURED RIB TEXTURE	ARCHITEXTURAL SURFACE (TEXTURE CONCRETE) SPLIT SLATE TEXTURE	ARCHITEXTURAL SURFACE (TEXTURE CONCRETE) FRACTURED RIB SPLIT SLATE TEXTURE
			SQFT	SQFT	SQFT
172	RW	171+38.72 TO 177+00.03	3344.12		
190	RW	190+50.00 TO 195+75.54	2100.00		
194	RW	192+75.00 TO 197+43.60	2578.32		
198	RW	198+88.00 TO 200+99.91	1590.00		
200	RW	200+50.00 TO 204+50.07	1612.28		
231	RW	231+00.00 TO 238+69.00			8284.48
240	RW	240+94.94 TO 247+23.56			6447.35
241	RW	239+63.16 TO 244+73.80			7405.28
253	RW	254+06.80 TO 255+82.80	916.35		
254	RW	256+50.00 TO 260+32.68			4890.40
255	RW	254+50.00 TO 258+50.37			4471.05
262	RW	262+03.21 TO 266+12.40			3260.32
266	RW	263+83.13 TO 271+13.50			8664.89
267	RW	266+85.20 TO 278+68.74	2711.44		
280	RW	281+25.00 TO 286+80.00	2576.64		
286	RW	286+80.00 TO 289+89.54	978.72		
287	RW	286+00.80 TO 290+26.86			5650.86
288	RW	287+48.23 TO 291+15.74			4611.00
291	RW	291+45.52 TO 294+95.85			5403.49
293	RW	292+03.15 TO 299+48.40			8846.57
294	RW	292+65.79 TO 295+86.40			3117.33
303	RW	302+92.00 TO 314+62.55			13400.52
321	RW	321+03.10 TO 334+82.65			19216.68
322	RW	320+98.57 TO 339+02.89			10750.63
335	RW	09+71.88 TO 16+91.00		12179.92	
337	RW	337+80.10 TO 339+87.95		1553.60	
338	RW	338+88.00 TO 342+32.79	3192.60		
346	RW	345+75.00 TO 347+54.98	1221.79		
348	RW	350+85.34 TO 354+22.70			5794.42
361	RW	360+10.00 TO 369+87.00			16121.17
362	RW	360+98.12 TO 373+30.00			21847.52
375A	RW	375+09.46 TO 378+00.00			3272.63
378	RW	377+32.05 TO 386+50.00			12799.77
379	RW	377+72.00 TO 380+06.62	1004.55		
381	RW	380+23.46 TO 384+81.01		2596.24	
382	RW	382+13.92 TO 386+41.50			4700.80
385	RW	01+50.00 TO 03+49.00	1854.58		
387	RW	385+01.52 TO 389+81.48	3198.55		
247	SW	251+75.00 TO 254+05.55	1279.43		
		SUB TOTAL	30,159.37	16,329.76	178,957.16
		GRAND TOTAL	30,159.37	16,329.76	178,957.16

SOUND WALL QUANTITIES

WALL No.	SW/RW	STATION TO STATION LOL SOUND WALL (UNLESS OTHERWISE SHOWN)	16" CIDH CONCRETE PILING (SOUND WALL)	SOUND WALL (MASONRY BLOCK)	SOUND WALL (BARRIER) (MASONRY BLOCK)	SOUND WALL (BARRIER CONCRETE)	MINOR CONCRETE (SOUND WALL)	CONCRETE BARRIER (736SV)
			LF	SQFT	SQFT	SQFT	CY	FT
247	SW	246+26.50 TO 251+75.00	976.5		8826.6			548.5
357	SW	360+10.00 TO 364+60.39	671.0	7,206.5 ~~5,760.0~~			23.3	
267	RW	269+55.73 TO 269+55.73				541.1		
		269+55.73 TO 271+95.73			1,200.0			
		276+95.73 TO 278+68.74				346.0		
293	RW	293+07.15 TO 299+48.40				1,282.5		
		SUB TOTAL	1,647.5	7,206.5 ~~5,760.0~~	10,026.6	2,170.1	23.3	548.5
		GRAND TOTAL	1,647.5	7,206.5 ~~5,760.0~~	10,026.6	2,170.1	23.3	548.5

3

RETAINING WALL QUANTITIES (SOUND WALL)

SW No.	STATION TO STATION LOL SOUND WALL (UNLESS OTHERWISE SHOWN)	STRUCTURAL CONCRETE (RETAINING WALL)	BAR REINFORCING STEEL (RETAINING WALL)	STRUCTURAL EXCAVATION (RETAINING WALL)	STRUCTURAL BACKFILL (RETAINING WALL)	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CONCRETE BARRIER (TYPE 736 MOD)	(N) PLASTIC PIPE	(N) WATERSTOP
		CY	LB	CY	CY	CY	LF	LF	LF
* 247	251+75.00 TO 254+05.55	282.20	28,923	487.49	495.68	13.41	230.60	17.92	33.00
	SUB TOTAL	282.20	28,923	487.49	495.68	13.41	230.60	17.92	33.00

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

* SEE SHEET Q-19 FOR ADDITIONAL QUANTITIES

RETAINING WALL AND SOUND WALL SUMMARY OF QUANTITIES

3 REVISED PER ADDENDUM No. 3 DATED NOVEMBER 28, 2011

Q-20

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® DESIGN
FUNCTIONAL SUPERVISOR MARK PERTILE
CALCULATED-DESIGNED BY CUONG LE TRAN
CHECKED BY ANNABELL WANG
REVISED BY
DATE REVISED

LAST REVISION 04-26-11
DATE PLOTTED => 28-NOV-2011
TIME PLOTTED => 10:05

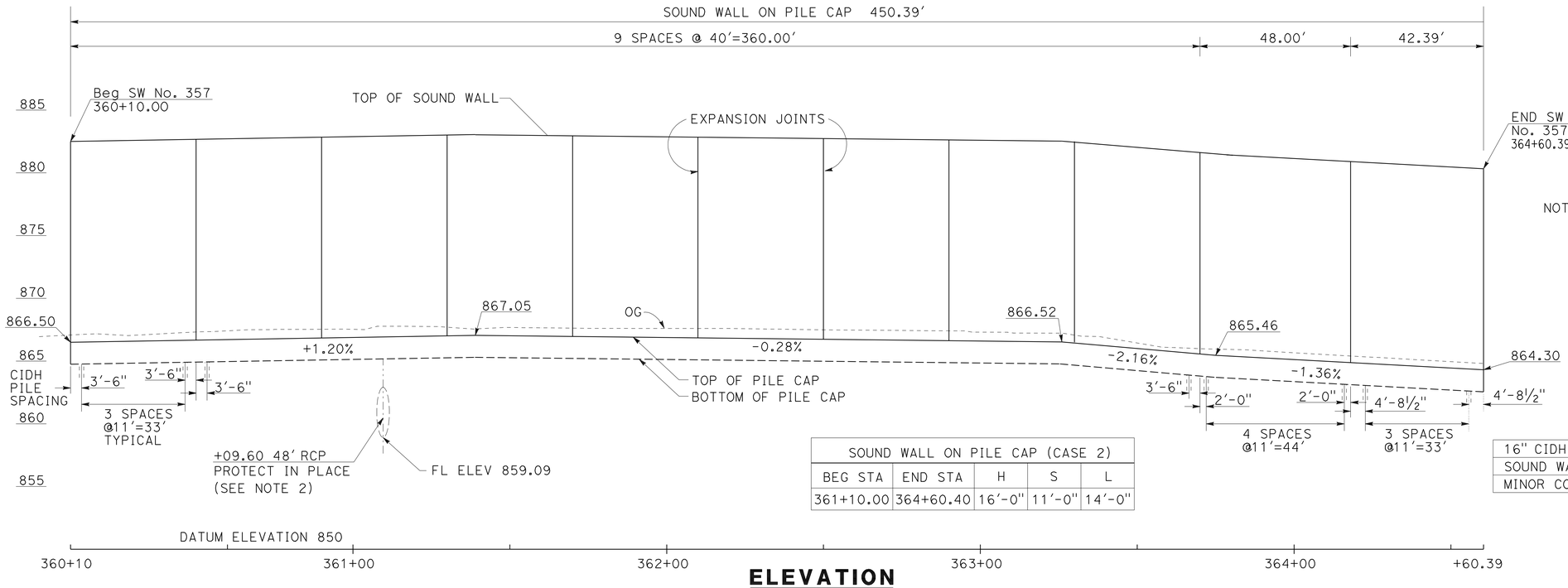
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	91	15.6/21.6	1082	2028

REGISTERED CIVIL ENGINEER 12-1-10 DATE

4-25-11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER THOMAS HIEN NGO No. 68383 Exp. 9/30/11 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.



SOUND WALL ON PILE CAP (CASE 2)				
BEG STA	END STA	H	S	L
361+10.00	364+60.40	16'-0"	11'-0"	14'-0"

NOTE:

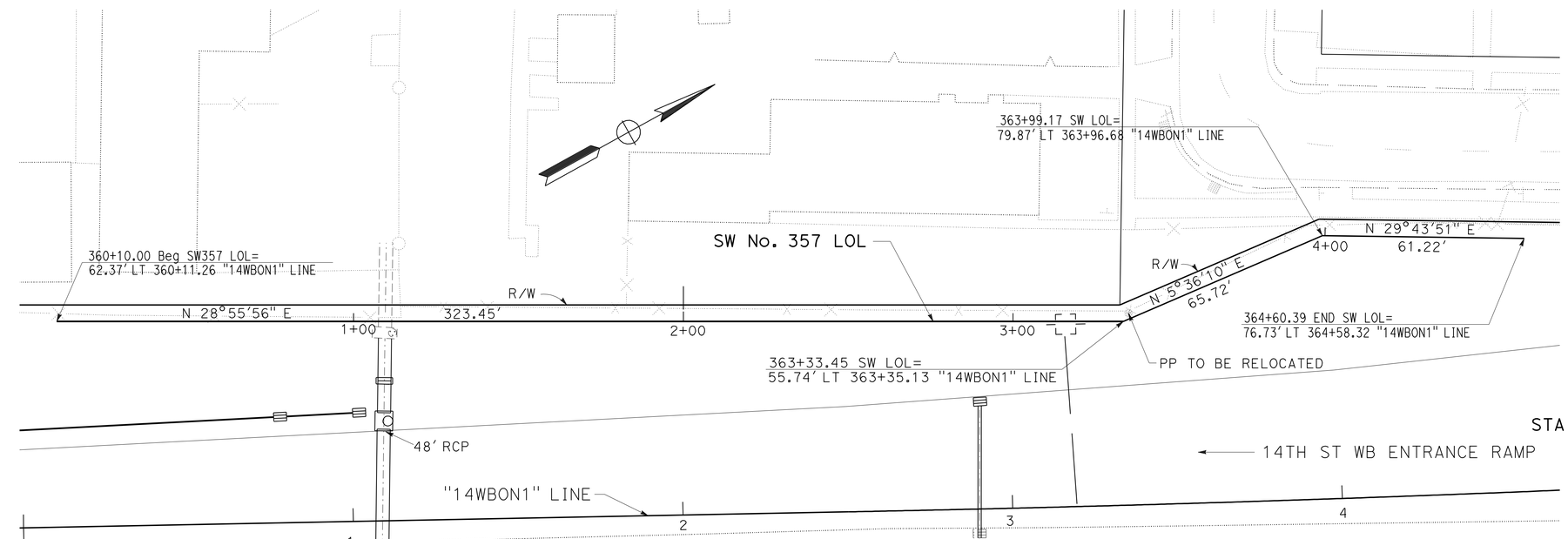
1. FOR SOUND WALL ON PILE CAP CASE 2, SEE STD PLANS B15-3, B15-4, AND B15-5.
2. LOCATION OF EXISTING DRAINAGE PIPE TO BE FIELD VERIFIED PRIOR TO CONSTRUCTING PILES.

QUANTITIES 3

16" CIDH CONCRETE PILING (SOUND WALL)		671.0	LF
SOUND WALL (MASONRY BLOCK)	7,206.5	~~5,760.0~~	SQFT
MINOR CONRETE (SOUND WALL)		23.3	CY

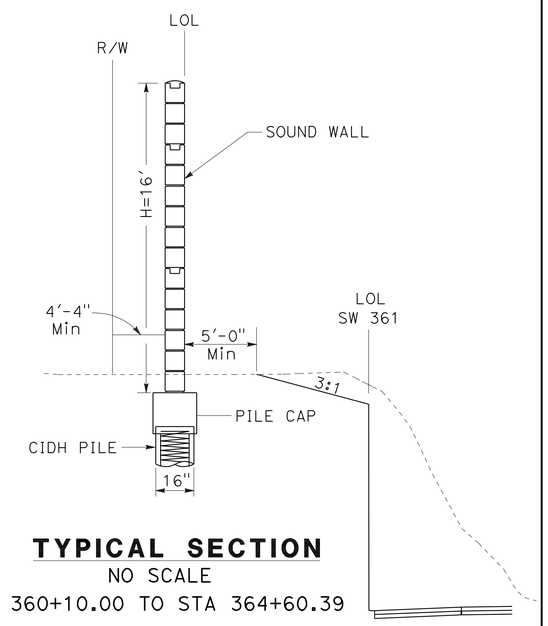
ELEVATION

SCALE Horiz 1"=20'
Vert 1"=10'



PLAN

SCALE 1"=20'



TYPICAL SECTION

NO SCALE

STA 360+10.00 TO STA 364+60.39

SOUND WALL ON PILE CAP
(CASE 2)

3 **REVISED PER ADDENDUM No. 3 DATED NOVEMBER 28, 2011**

THIS PLAN ACCURATE FOR SOUND WALL WORK ONLY

SOUND WALL PLAN

SOUND WALL No. 357

SCALE AS SHOWN

SW2-1

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

FUNCTIONAL SUPERVISOR: MARK PERTILE
CALCULATED-DESIGNED BY: THAI VAN HGUYEN
CHECKED BY: THOMAS HIEN NGO
REVISED BY
DATE REVISED

LAST REVISION 12-01-10 | DATE PLOTTED => 28-NOV-2011 | TIME PLOTTED => 10:05