





30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	13, 24	15.4, 8.6		

*Douglas Slakey* 1-05-2008  
 REGISTERED CIVIL ENGINEER DATE

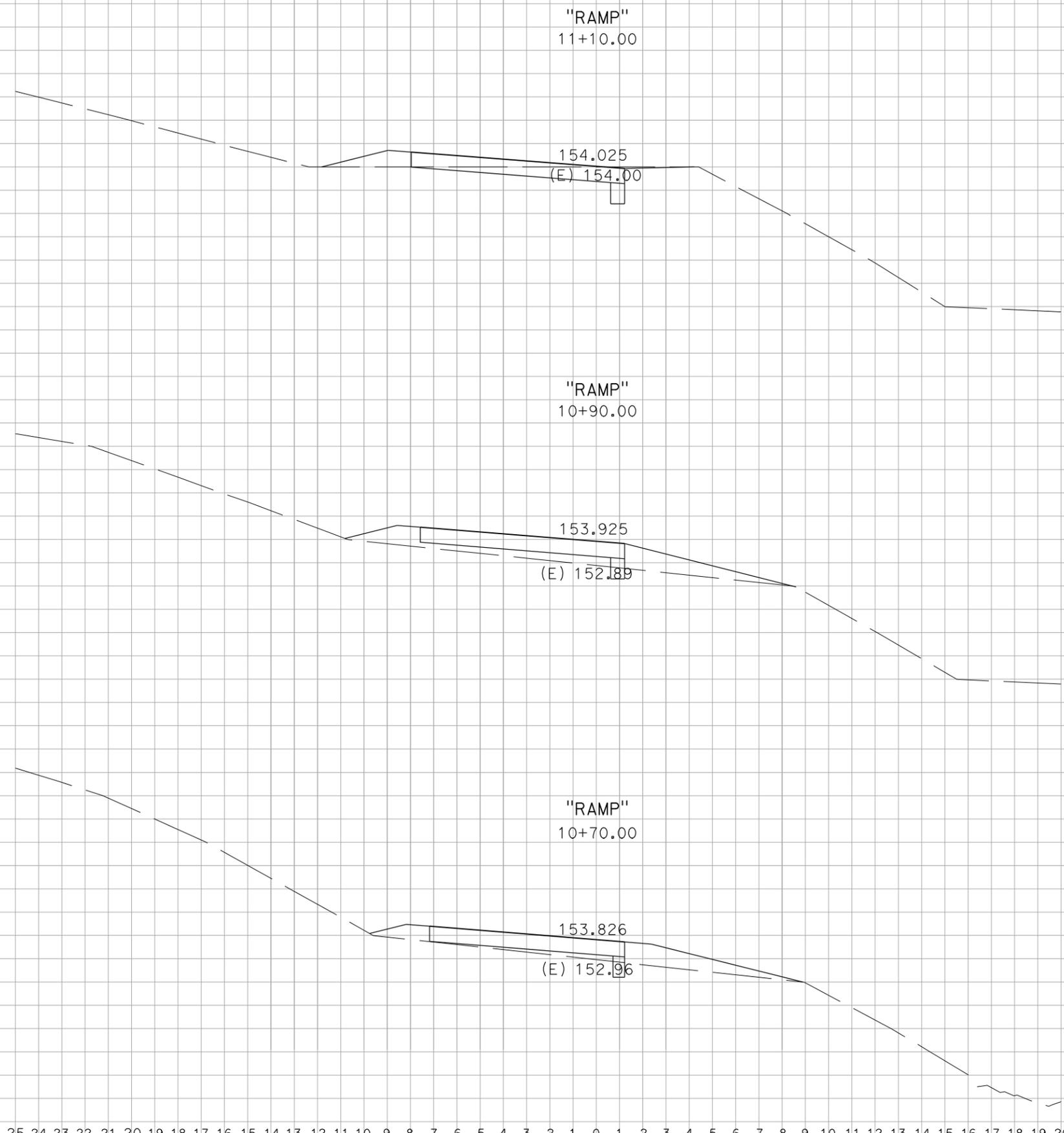
PLANS APPROVAL DATE

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**PARSONS**  
 50 FREMONT STREET, SUITE 1500  
 SAN FRANCISCO, CA 94105



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	A. GURA	D. SLAKEY	REVISOR	DATE
						REVISOR	DATE
						158	
						157	
						156	
						155	
						154	
						153	
						152	
						151	
						150	
						149	
						148	
						147	



ROADWAY EXCAVATION				
END AREA		VOLUME		
CUT	FILL	CUT	FILL	
m <sup>2</sup>	m <sup>2</sup>	m <sup>3</sup>	m <sup>3</sup>	
		77.55	30.8	148
3.96	1.69			
		42.52	112.0	156
0.29	9.50			
		6.14	166.6	152
0.33	7.16			
SUBTOTAL		4.58	18.35	149
		126.2	309.4	147

**RAMP CROSS SECTION**

**XS-3**









30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	13, 24	15.4, 8.6		

*Douglas Slakey* 1-05-2008  
 REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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**PARSONS**  
 50 FREMONT STREET, SUITE 1500  
 SAN FRANCISCO, CA 94105

REVISED BY  
DATE REVISED

A. GURA  
D. SLAKEY

CALCULATED-DESIGNED BY  
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR  
D. SLAKEY

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

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162  
161  
160  
159

"RAMP"  
13+90.00

164.856 (E) 164.97

"RAMP"  
13+70.00

163.461 (E) 163.62

MVP

ROADWAY EXCAVATION

END AREA		VOLUME		
CUT	FILL	CUT	FILL	
m <sup>2</sup>	m <sup>2</sup>	m <sup>3</sup>	m <sup>3</sup>	
			25.24	263.8
10.82	0.00			
		25.24	263.8	

SUBTOTAL 25.71 0.00 466.7 1.09

**RAMP CROSS SECTION**

**XS-8**

30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	13, 24	15.4, 8.6		

*Douglas Slakey* 1-05-2009  
 REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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**PARSONS**  
 50 FREMONT STREET, SUITE 1500  
 SAN FRANCISCO, CA 94105

REVISED BY  
DATE REVISED

A. GURA  
D. SLAKEY

CALCULATED-DESIGNED BY  
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR  
D. SLAKEY

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

170  
169  
168  
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164  
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162  
161  
160

"RAMP"  
14+25.02

(E) 167.296

"RAMP"  
14+10.00

166.250 (E) 166.33

ROADWAY EXCAVATION  
 END AREA VOLUME

CUT	FILL	CUT	FILL
m <sup>2</sup>	m <sup>2</sup>	m <sup>3</sup>	m <sup>3</sup>

7.68 0.00

133.9 263.8

SUBTOTAL 17.82 0.00 133.9 0.00

**RAMP CROSS SECTION**

**XS-9**

30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15





35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

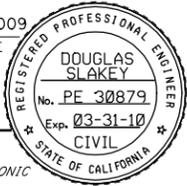


Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	13, 24	15.4, 8.6		

*Douglas Slakey* 1-05-2009  
 REGISTERED CIVIL ENGINEER DATE

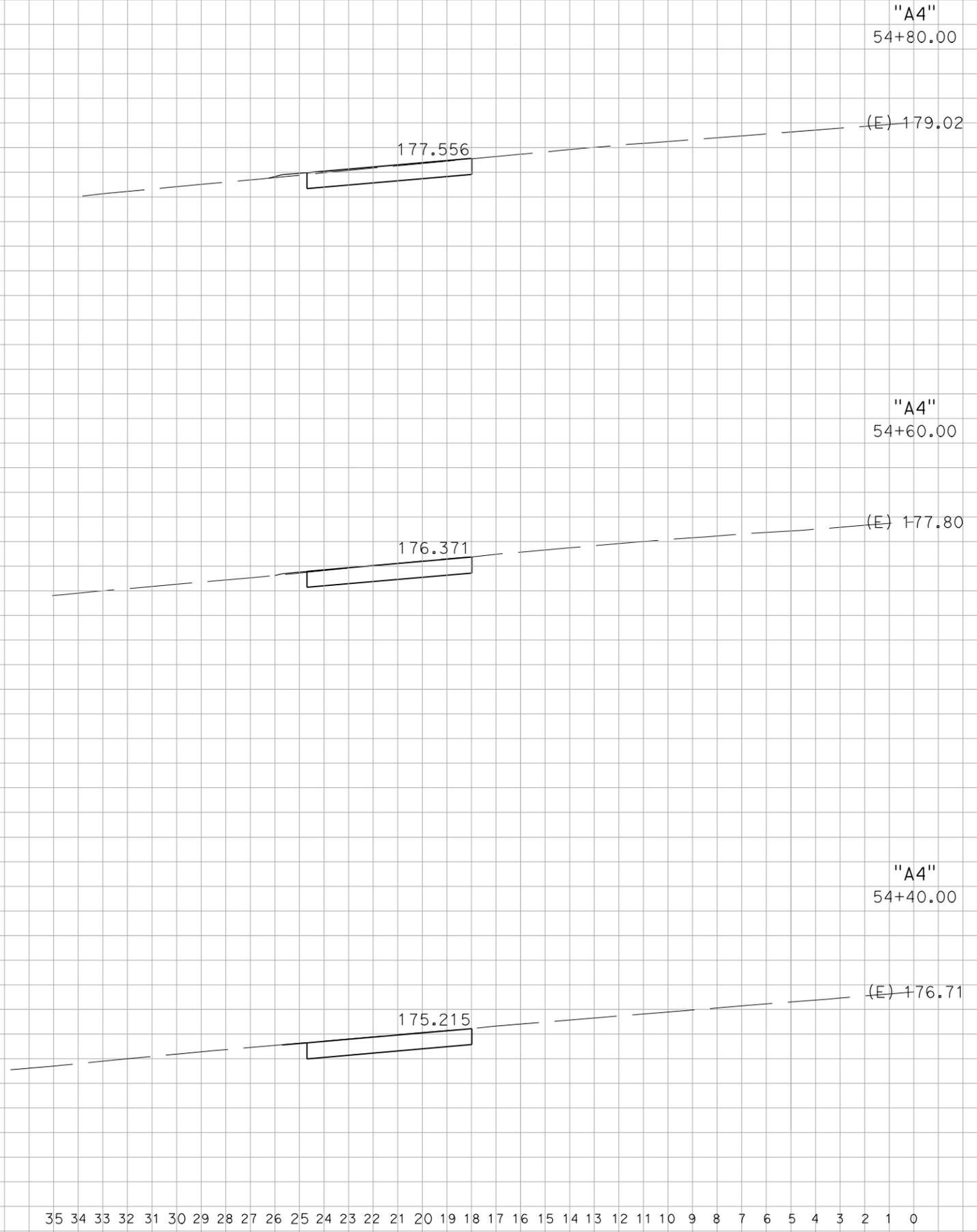
PLANS APPROVAL DATE

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**PARSONS**  
 50 FREMONT STREET, SUITE 1500  
 SAN FRANCISCO, CA 94105

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION <b>Caltrans</b>	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	A. GURA	REVISOR	DATE
	D. SLAKEY	CHECKED BY	D. SLAKEY	DATE	REVISOR
				174	
				175	
				176	
				177	
				178	
				179	
				180	
				181	



**RAMP CROSS SECTION**

**XS-12**

35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0



Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	13, 24	15.4, 8.6		

*Douglas Slakey* 1-05-2009  
 REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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**PARSONS**  
 50 FREMONT STREET, SUITE 1500  
 SAN FRANCISCO, CA 94105

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION <b>Caltrans</b>	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	A. GURA	REVISOR	183
	D. SLAKEY	CHECKED BY	D. SLAKEY	DATE REVISED	182
					181
					180
					179
					178
					177
					176
					175

"A4"  
55+40.00

(E) 182.55

181.064

"A4"  
55+20.00

(E) 181.39

179.882

"A4"  
55+00.00

(E) 180.21

178.713

**RAMP CROSS SECTION**

**XS-13**

35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0



"A4"  
56+00.00

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	13, 24	15.4, 8.6		

*Douglas Slakey* 1-05-2009  
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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**PARSONS**  
50 FREMONT STREET, SUITE 1500  
SAN FRANCISCO, CA 94105

REGISTERED PROFESSIONAL ENGINEER  
DOUGLAS SLAKEY  
No. PE 30879  
Exp. 03-31-10  
CIVIL  
STATE OF CALIFORNIA

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

REVISOR	DATE	REVISION
187		
186		
185		
184		
183		
182		
A. GURA		
D. SLAKEY		
CALCULATED-DESIGNED BY		
CHECKED BY		
CONSULTANT FUNCTIONAL SUPERVISOR		
D. SLAKEY		
186		
185		
184		
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180		
DEPARTMENT OF TRANSPORTATION		
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183		
182		
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180		
179		
178		



"A4"  
55+80.00



"A4"  
55+60.00



35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

**RAMP CROSS SECTION**

**XS-14**

