NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	9	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA REGISTERED PROFESSIONAL ENGINEER

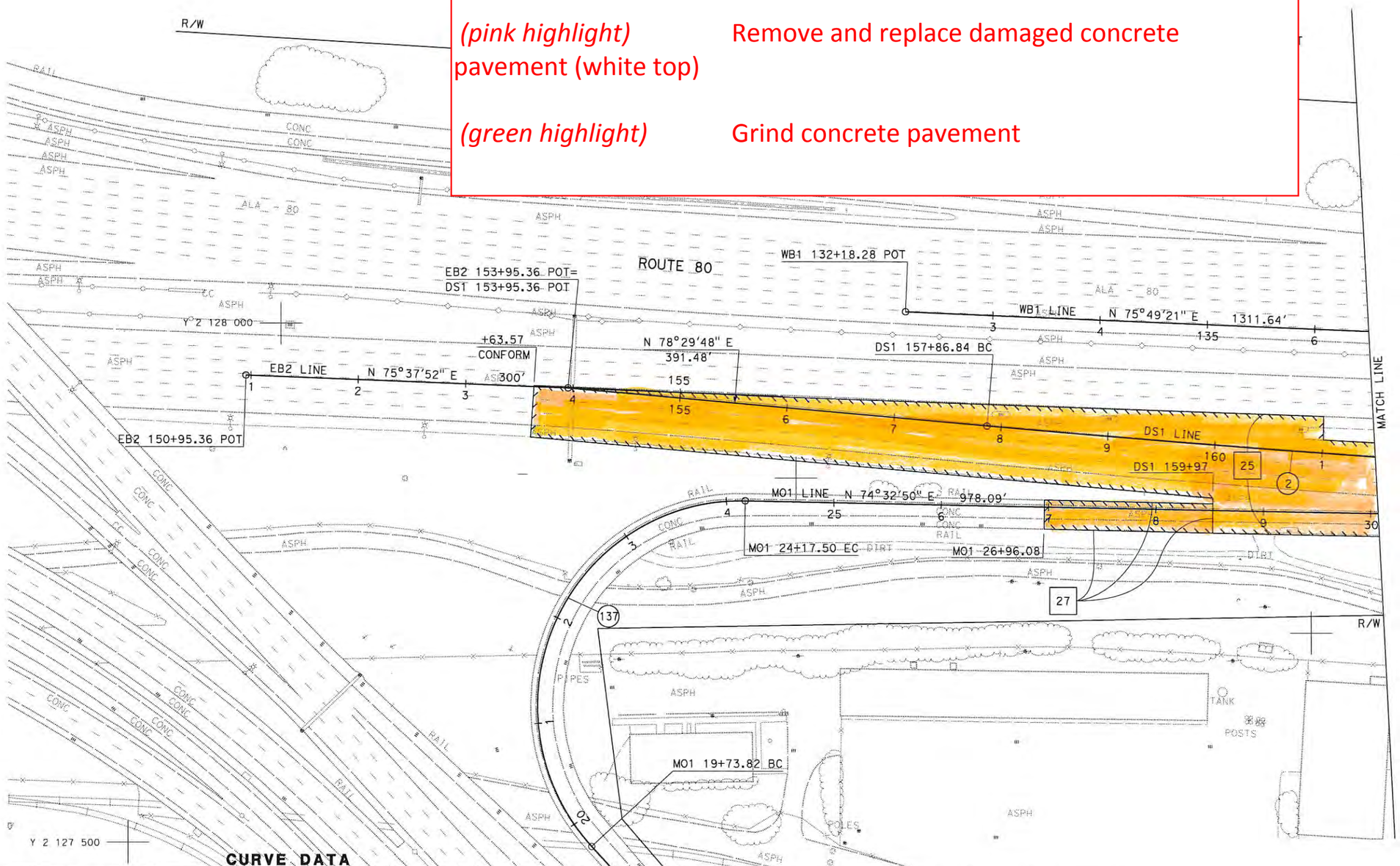
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

Legend

(orange highlight) Remove existing asphalt concrete pavement (black top) and replace with rubberized asphalt concrete pavement

(pink highlight) Remove and replace damaged concrete pavement (white top)

(green highlight) Grind concrete pavement



CURVE DATA

No. ⊕	R	Δ	T	L	N-COORDINATE	E-COORDINATE
2	20100′	02°35′08"	453.59′	907.04′	2147793.297	6037148.093
137	190′	133°47′39.7"	445.38′	443.67′	2127783.104	6041011.205

LAYOUT
LOCATION No.2
SCALE: 1" = 50′

L-1

REVISED BY	DATE REVISED
GC	5/12/14

GENER CAPULONG — YALIN WANG — CALCULATED-DESIGNED BY — CHECKED BY — FUNCTIONAL SUPERVISOR: KENDALL KITAMURA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — DESIGN

LAST REVISION 04-29-14 — DATE PLOTTED => 29-AUG-2014 — TIME PLOTTED => 10:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	10	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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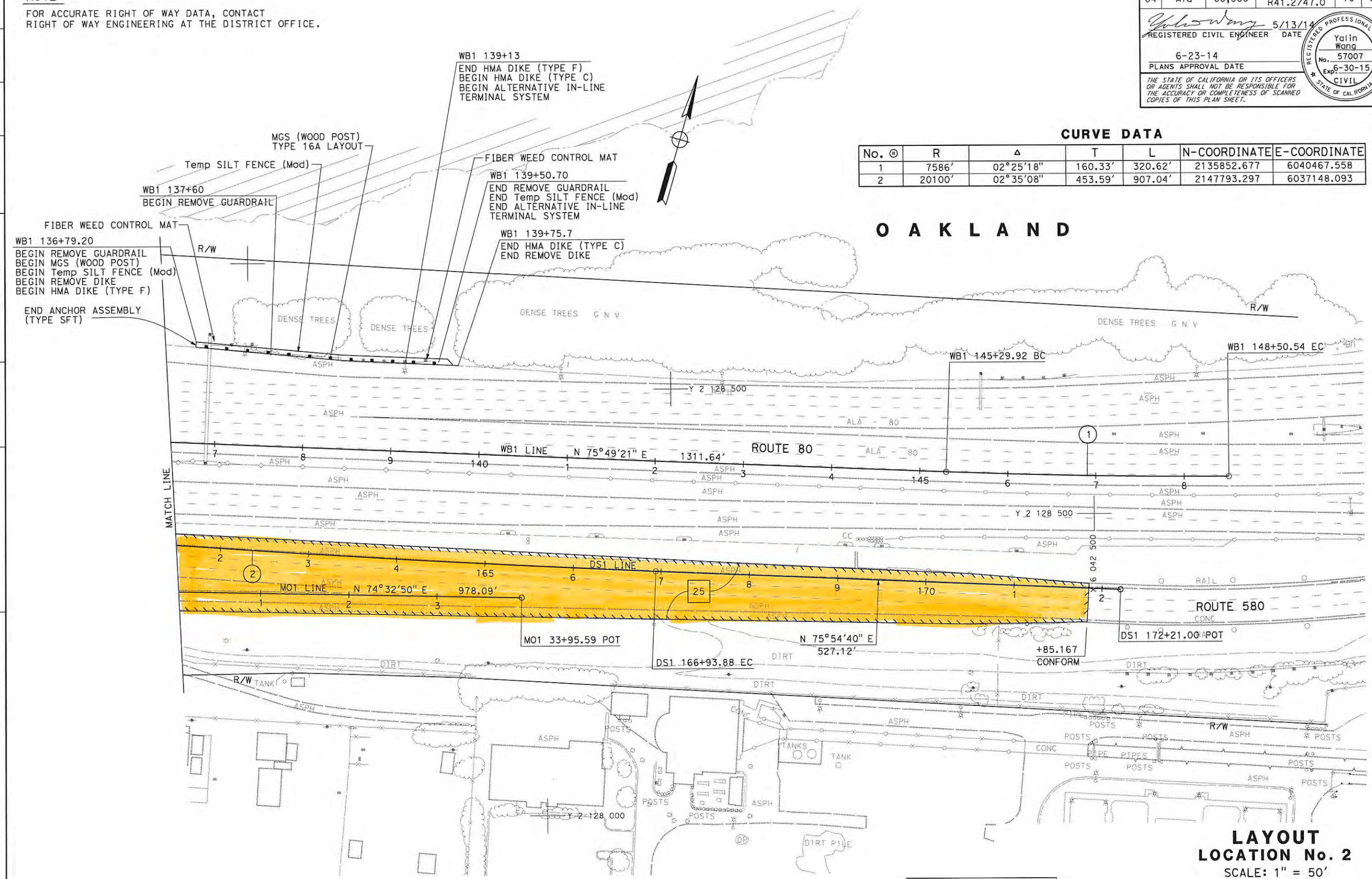
NOTE:

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

CURVE DATA

No. ⊛	R	Δ	T	L	N-COORDINATE	E-COORDINATE
1	7586′	02°25′18″	160.33′	320.62′	2135852.677	6040467.558
2	20100′	02°35′08″	453.59′	907.04′	2147793.297	6037148.093



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 2
SCALE: 1" = 50′

L-2

GC	5/12/14
REVISED BY	DATE REVISED
GENER CAPULONG	YALIN WANG
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans DESIGN

LAST REVISION 04-26-14 DATE PLOTTED => 29-AUG-2014 TIME PLOTTED => 10:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	11	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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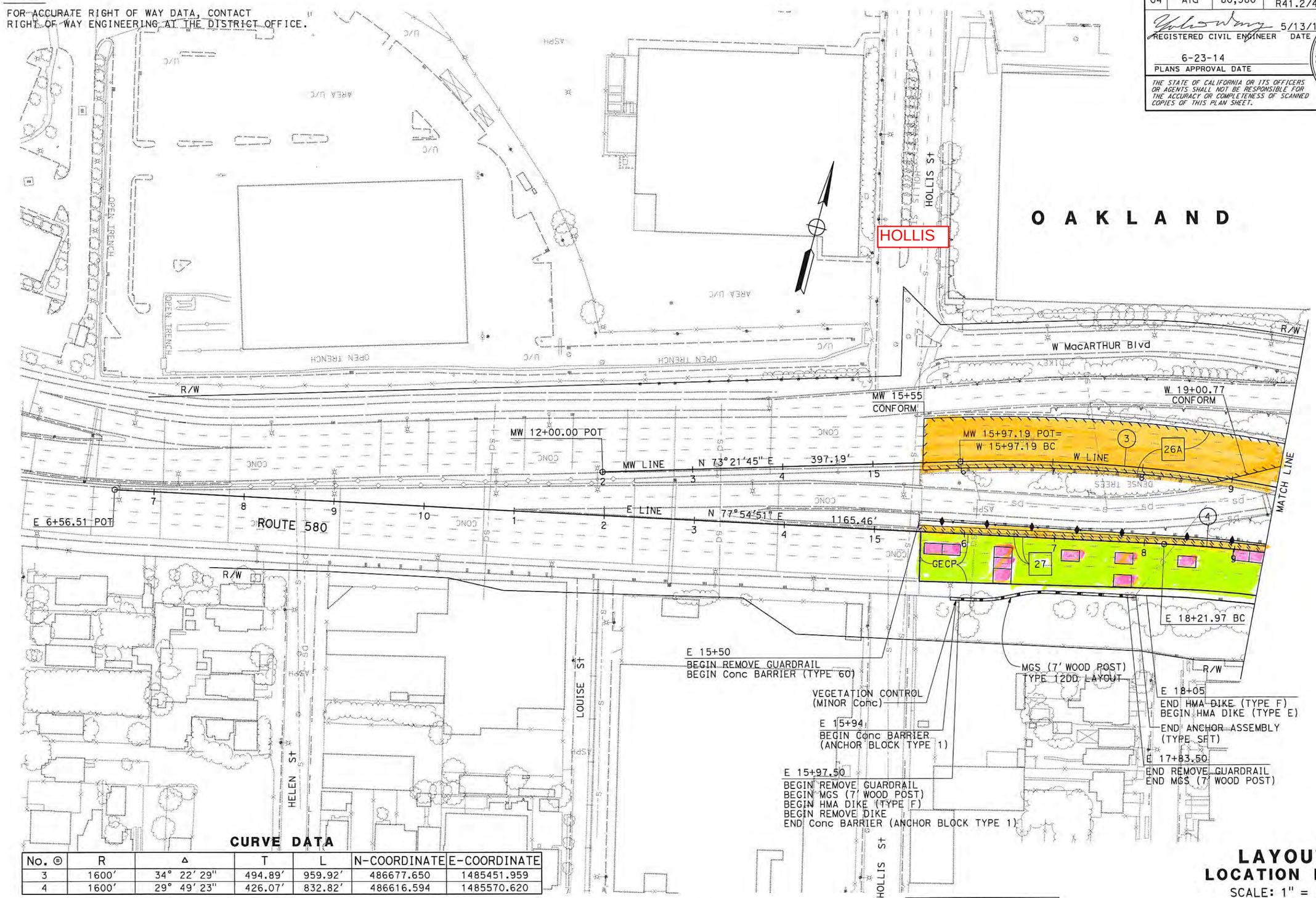
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L	N-COORDINATE	E-COORDINATE
3	1600'	34° 22' 29"	494.89'	959.92'	486677.650	1485451.959
4	1600'	29° 49' 23"	426.07'	832.82'	486616.594	1485570.620

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50'

L-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

FUNCTIONAL SUPERVISOR: KENDALL KITAMURA
CALCULATED-DESIGNED BY: GENER CAPULONG
CHECKED BY: YALIN WANG
REVISED BY: GC
DATE REVISED: 5/12/14

LAST REVISION 06-21-14
DATE PLOTTED => 29-AUG-2014
TIME PLOTTED => 10:28

BORDER LAST REVISED 7/2/2010
USERNAME => s130819
DGN FILE => 0414000053ea003.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0736
PROJECT NUMBER & PHASE 04140000531

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8 R41.2/47.0	12	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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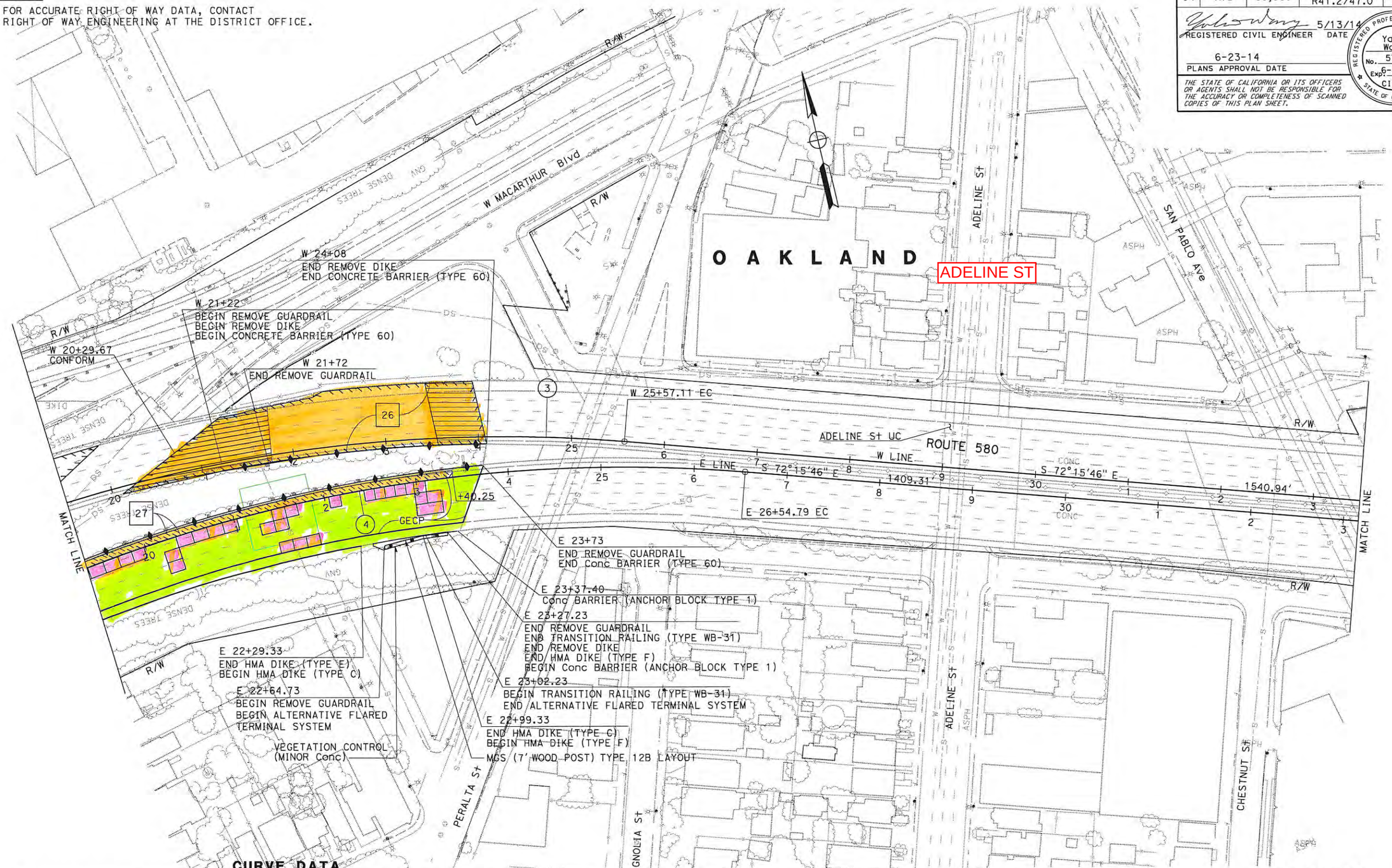
NOTE:

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



CURVE DATA

No. ®	R	Δ	T	L	N-COORDINATE	E-COORDINATE
3	1600'	34°22'29"	494.89'	959.92'	486677.650	1485451.959
4	1600'	29°49'23"	426.07'	832.82'	486616.594	1485570.620

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50'

L-4

REVISED BY	DATE REVISED
GC	5/12/14

GENER CAPULONG — CALCULATED-DESIGNED BY
YALIN WANG — CHECKED BY
FUNCTIONAL SUPERVISOR: KENDALL KITAMURA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

LAST REVISION: 06-21-14
DATE PLOTTED => 29-AUG-2014
TIME PLOTTED => 10:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	13	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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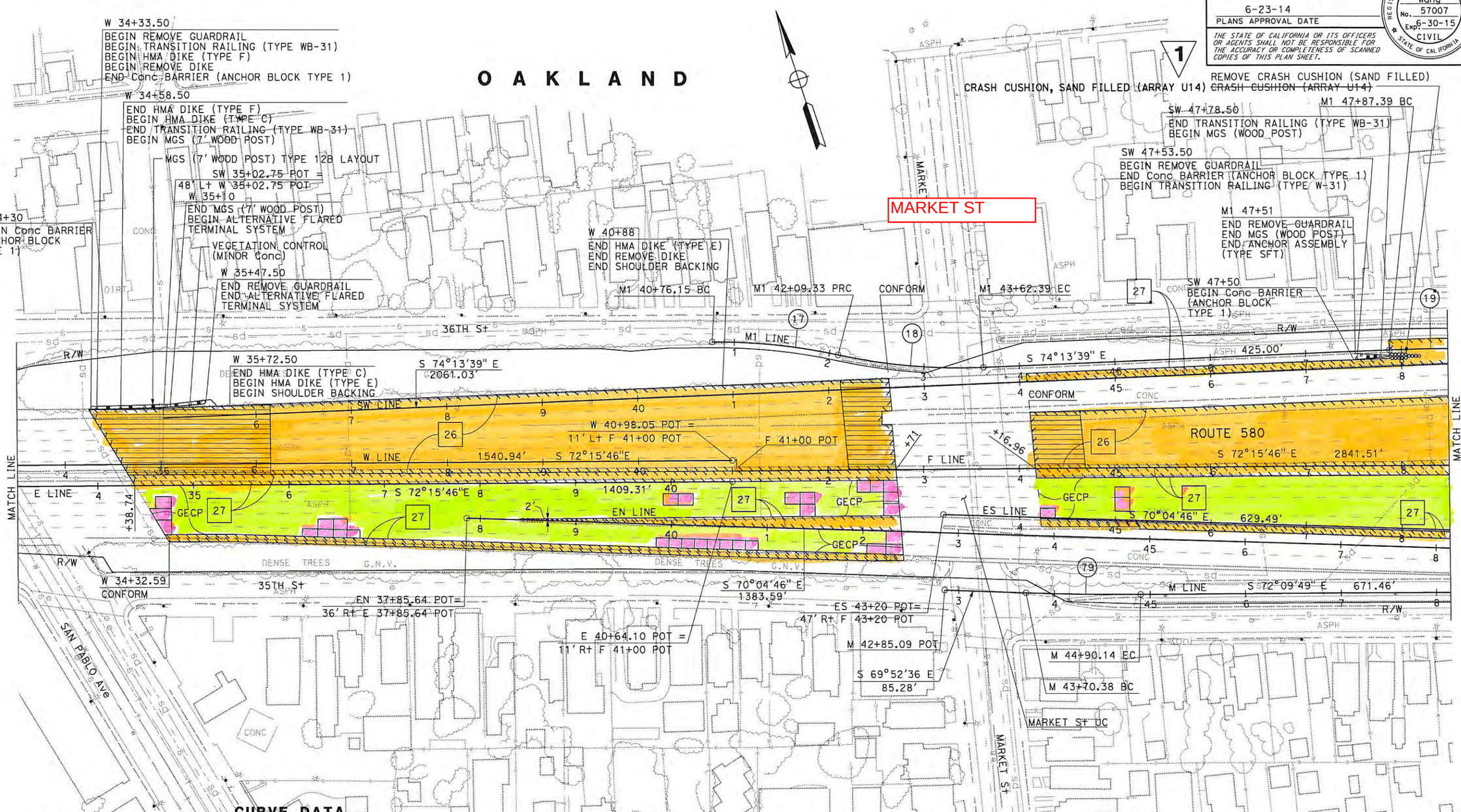
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

1 REPLACED PER ADDENDUM No. 1 DATED JANUARY 5, 2015



CURVE DATA

No. ⑤	R	Δ	T	L	N-COORDINATE	E-COORDINATE
17	600'	12° 39' 39"	66.56'	132.58'	487284.048	1487243.142
18	600'	14° 36' 57"	76.94'	153.05'	488319.189	1487850.170
19	1800'	03° 26' 10"	53.99'	107.94'	485894.030	1487606.802
79	3000'	02° 17' 14"	59.88'	119.76'	490322.611	1488687.684

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50'

L-5

GC	5/12/14
REVISED BY	DATE REVISED
GENER CAPULONG	YALIN WANG
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

LAST REVISION 06-21-14 DATE PLOTTED => 29-DEC-2014 TIME PLOTTED => 12:26

NOTE:

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

1 REPLACED PER ADDENDUM No. 1 DATED JANUARY 5, 2015

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	14	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

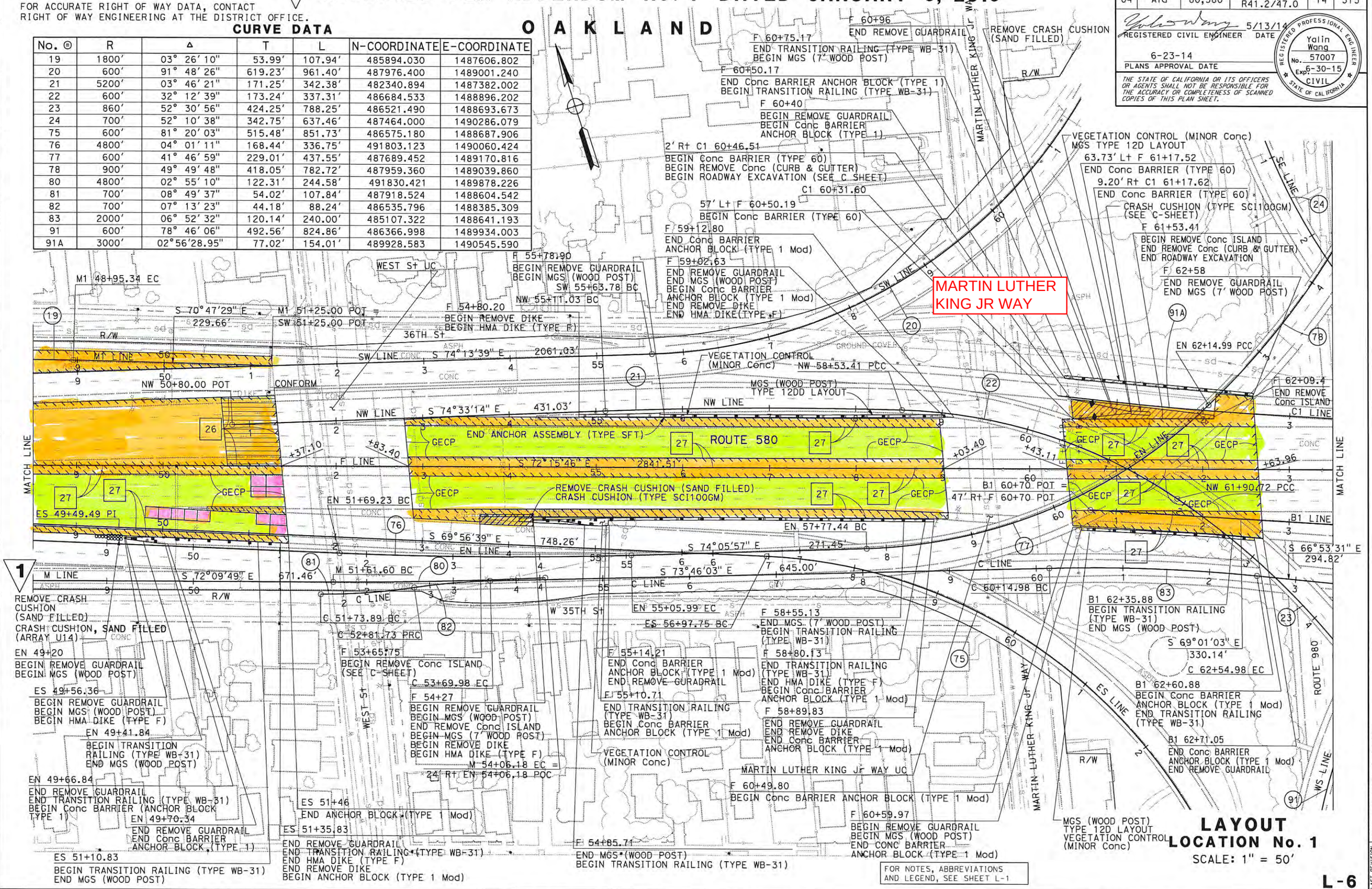
6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 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	N-COORDINATE	E-COORDINATE
19	1800'	03° 26' 10"	53.99'	107.94'	485894.030	1487606.802
20	600'	91° 48' 26"	619.23'	961.40'	487976.400	1489001.240
21	5200'	03° 46' 21"	171.25'	342.38'	482340.894	1487382.002
22	600'	32° 12' 39"	173.24'	337.31'	486684.533	1488896.202
23	860'	52° 30' 56"	424.25'	788.25'	486521.490	1488693.673
24	700'	52° 10' 38"	342.75'	637.46'	487464.000	1490286.079
75	600'	81° 20' 03"	515.48'	851.73'	486575.180	1488687.906
76	4800'	04° 01' 11"	168.44'	336.75'	491803.123	1490060.424
77	600'	41° 46' 59"	229.01'	437.55'	487689.452	1489170.816
78	900'	49° 49' 48"	418.05'	782.72'	487959.360	1489039.860
80	4800'	02° 55' 10"	122.31'	244.58'	491830.421	1489878.226
81	700'	08° 49' 37"	54.02'	107.84'	487918.524	1488604.542
82	700'	07° 13' 23"	44.18'	88.24'	486535.796	1488385.309
83	2000'	06° 52' 32"	120.14'	240.00'	485107.322	1488641.193
91	600'	78° 46' 06"	492.56'	824.86'	486366.998	1489934.003
91A	3000'	02°56'28.95"	77.02'	154.01'	489928.583	1490545.590



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT LOCATION No. 1

SCALE: 1" = 50'

L-6

GC	5/12/14
REVISED BY	DATE REVISED
GENER CAPULONG	YALIN WANG
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA

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

Caltrans

LAST REVISION 06-21-14 | DATE PLOTTED => 29-DEC-2014 | TIME PLOTTED => 12:26

NOTE:

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

CURVE DATA

No. ⓑ	R	Δ	T	L	N-COORDINATE	E-COORDINATE
5	16000′	02° 13′ 10″	309.93′	619.79′	502095.419	1494984.596
15	23000′	02° 16′ 07″	455.39′	910.67′	480471.205	1511695.678
16	21000′	00° 27′ 26″	83.79′	167.58′	481006.983	1509768.776
23	860′	52° 30′ 56″	424.25′	788.25′	486521.490	1488693.673
24	700′	52° 10′ 38″	342.75′	637.46′	487464.000	1490286.079
25	860′	22° 43′ 41″	172.84′	341.14′	487567.391	1490408.187
26	1600′	13° 33′ 34″	190.21′	378.652′	488226.629	1490744.350
27	600′	85° 34′ 07″	555.30′	896.07′	487445.591	1490526.294
78	900′	49° 49′ 48″	418.05′	782.72′	487959.360	1489039.860
84	1300′	07° 36′ 26″	86.43′	172.60′	488026.838	1490207.510
85	1636′	03° 25′ 10″	48.83′	97.64′	488226.639	1490744.331
86	860′	03° 59′ 17″	29.94′	59.86′	486155.547	1489266.065
87	500′	14° 53′ 09″	65.32′	129.90′	486481.894	1489418.044
88	500′	28° 18′ 30″	126.09′	247.03′	487163.969	1490161.419
89	6000′	01° 54′ 33″	99.97′	199.93′	480666.094	1489493.745
92	600′	78° 46′ 06″	492.56′	824.86′	486366.998	1489934.003
93	1200′	15° 16′ 08″	160.84′	319.79′	485767.409	1489911.783
95	600′	88° 02′ 24″	579.81′	921.95′	486121.956	1490167.198

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	15	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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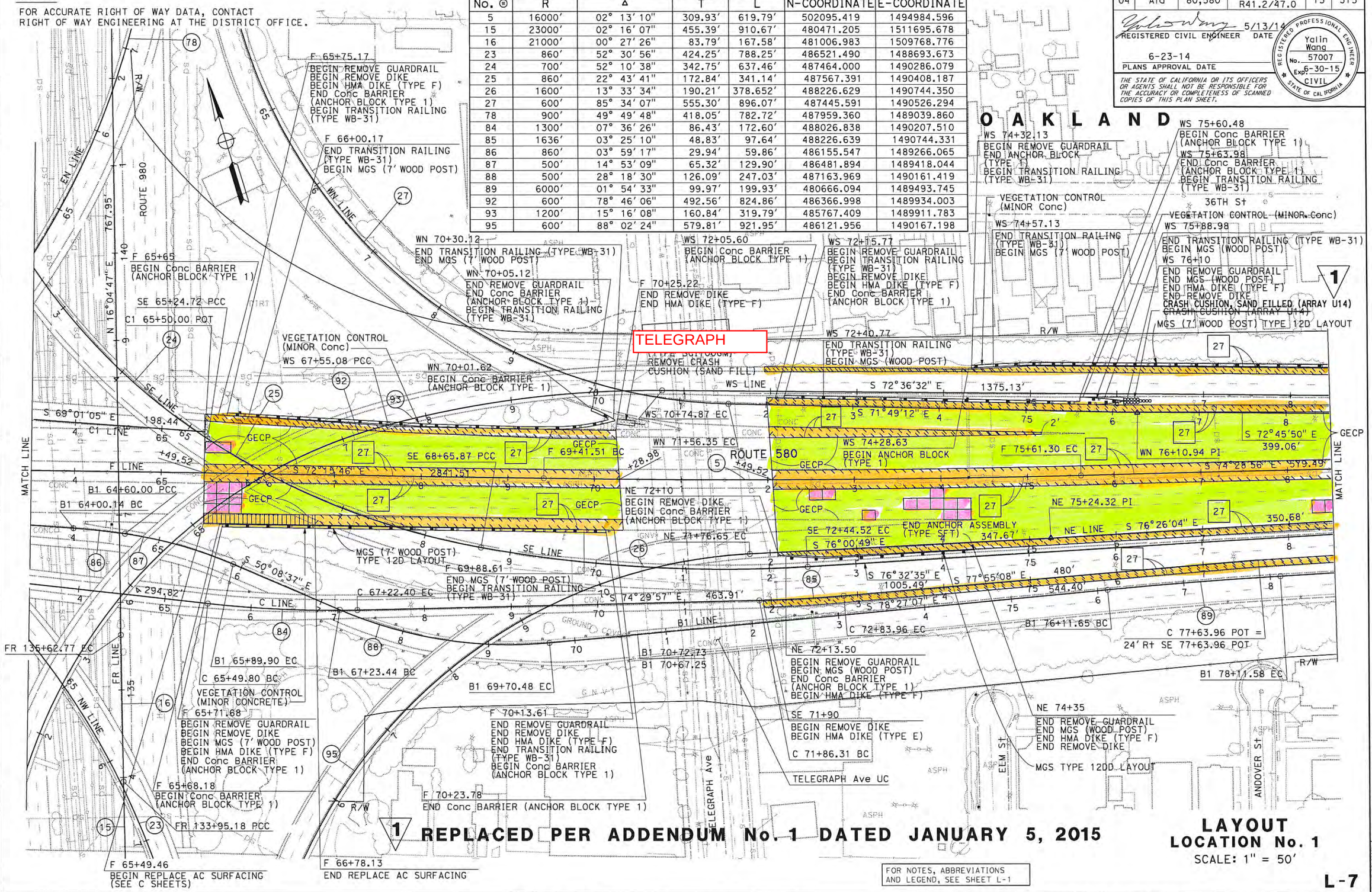

1 REPLACED PER ADDENDUM No. 1 DATED JANUARY 5, 2015

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50′

L-7

GC	5/12/14		
REVISED BY	DATE REVISED		
GENER CAPULONG	YALIN WANG		
CALCULATED-DESIGNED BY	CHECKED BY		
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

LAST REVISION 06-21-14
DATE PLOTTED => 29-DEC-2014
TIME PLOTTED => 12:26

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	16	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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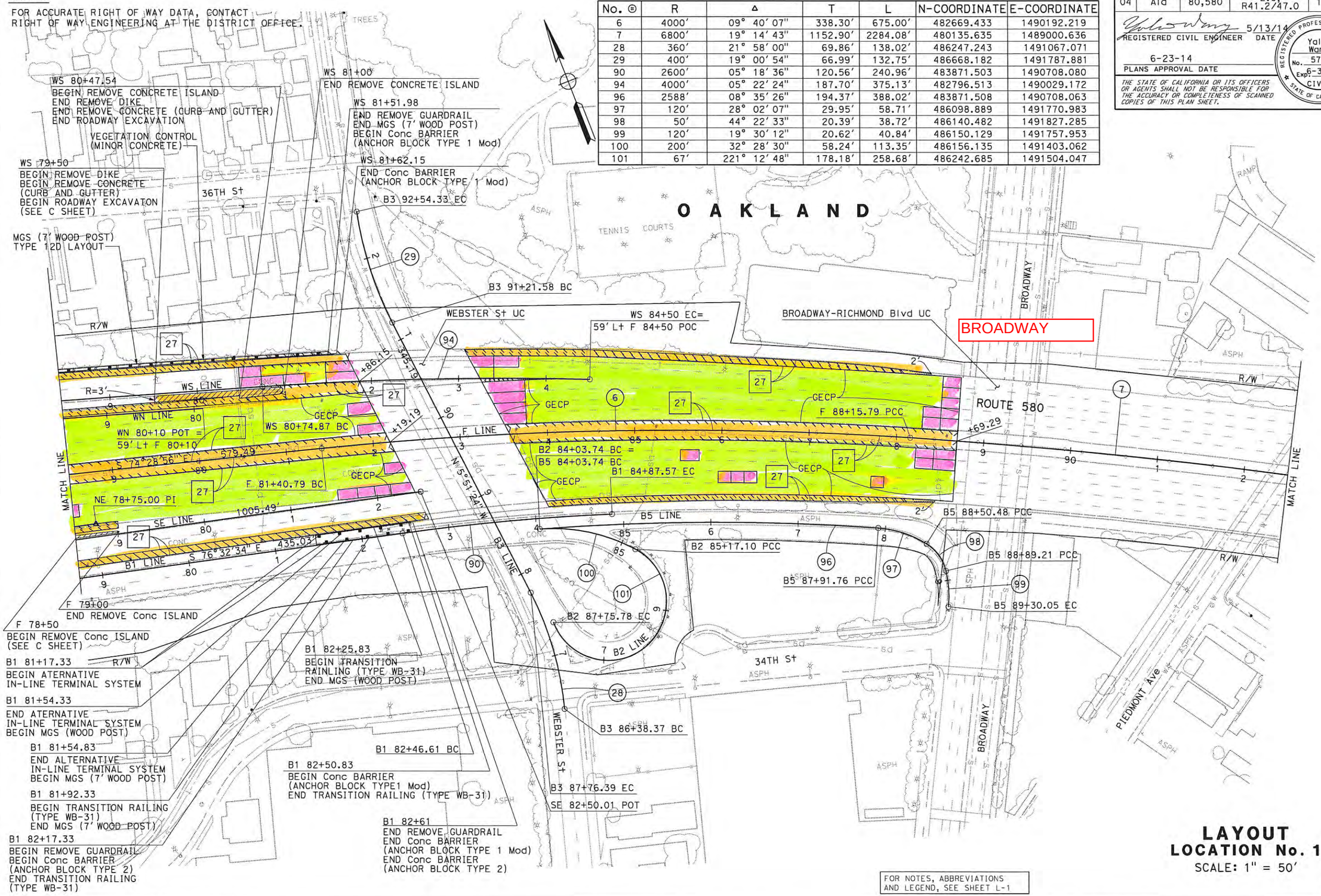
NOTE:

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

CURVE DATA

No. ⊕	R	Δ	T	L	N-COORDINATE	E-COORDINATE
6	4000′	09° 40′ 07″	338.30′	675.00′	482669.433	1490192.219
7	6800′	19° 14′ 43″	1152.90′	2284.08′	480135.635	1489000.636
28	360′	21° 58′ 00″	69.86′	138.02′	486247.243	1491067.071
29	400′	19° 00′ 54″	66.99′	132.75′	486668.182	1491787.881
90	2600′	05° 18′ 36″	120.56′	240.96′	483871.503	1490708.080
94	4000′	05° 22′ 24″	187.70′	375.13′	482796.513	1490029.172
96	2588′	08° 35′ 26″	194.37′	388.02′	483871.508	1490708.063
97	120′	28° 02′ 07″	29.95′	58.71′	486098.889	1491770.983
98	50′	44° 22′ 33″	20.39′	38.72′	486140.482	1491827.285
99	120′	19° 30′ 12″	20.62′	40.84′	486150.129	1491757.953
100	200′	32° 28′ 30″	58.24′	113.35′	486156.135	1491403.062
101	67′	221° 12′ 48″	178.18′	258.68′	486242.685	1491504.047



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50′

L-8

GC	5/12/14	REVISED BY	DATE REVISED
GENER CAPULONG	YALIN WANG	CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

LAST REVISION 06-21-14 DATE PLOTTED => 29-AUG-2014 TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	17	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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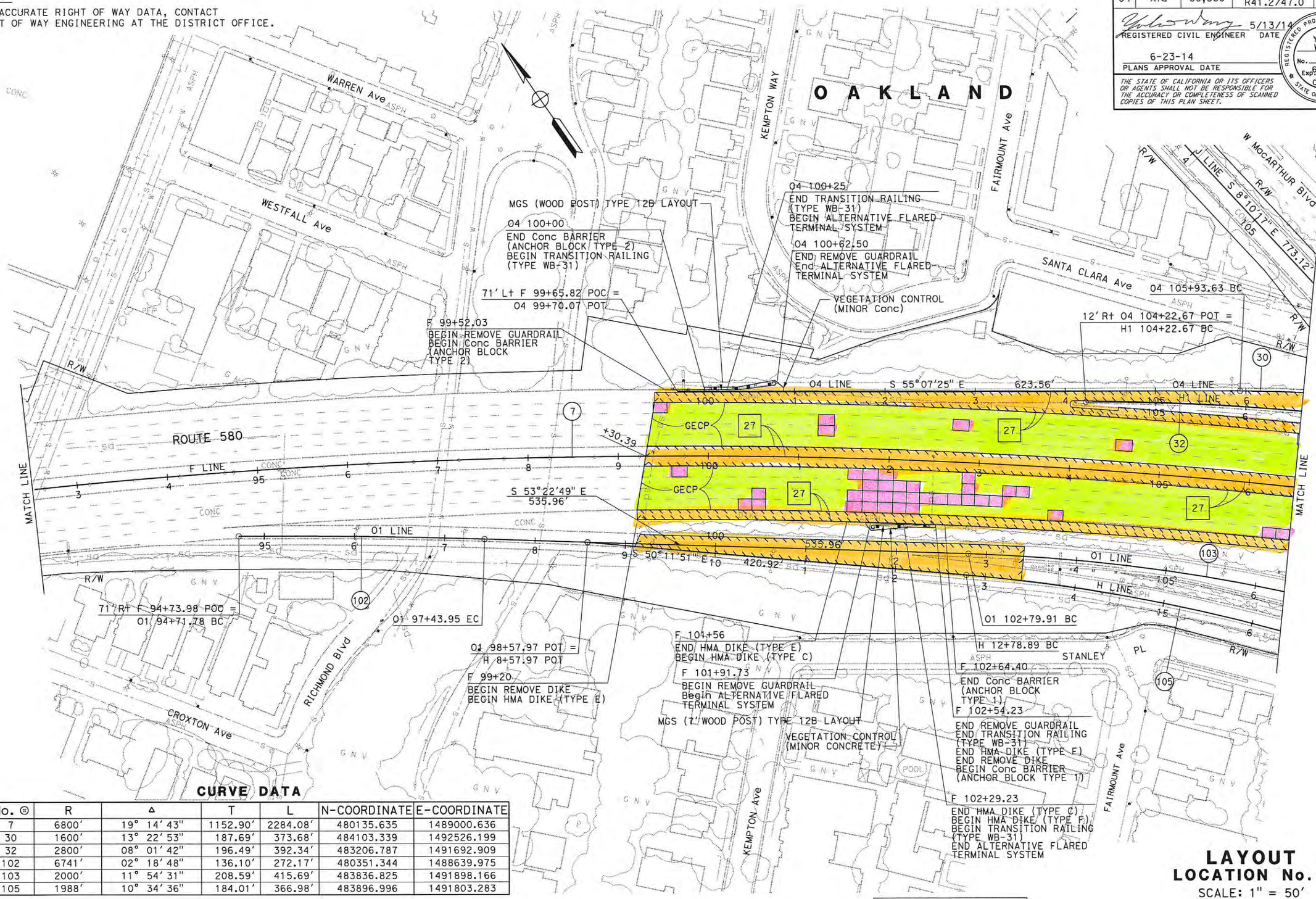

CURVE DATA

No. ⊕	R	Δ	T	L	N-COORDINATE	E-COORDINATE
7	6800′	19° 14′ 43″	1152.90′	2284.08′	480135.635	1489000.636
30	1600′	13° 22′ 53″	187.69′	373.68′	484103.339	1492526.199
32	2800′	08° 01′ 42″	196.49′	392.34′	483206.787	1491692.909
102	6741′	02° 18′ 48″	136.10′	272.17′	480351.344	1488639.975
103	2000′	11° 54′ 31″	208.59′	415.69′	483836.825	1491898.166
105	1988′	10° 34′ 36″	184.01′	366.98′	483896.996	1491803.283

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50′

L-9

REVISED BY	DATE REVISED
GC	5/12/14

GENER CAPULONG — YALIN WANG — CALCULATED-DESIGNED BY — CHECKED BY

FUNCTIONAL SUPERVISOR: KENDALL KITAMURA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans — DESIGN

LAST REVISION 06-21-14 — DATE PLOTTED => 29-AUG-2014 — TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	18	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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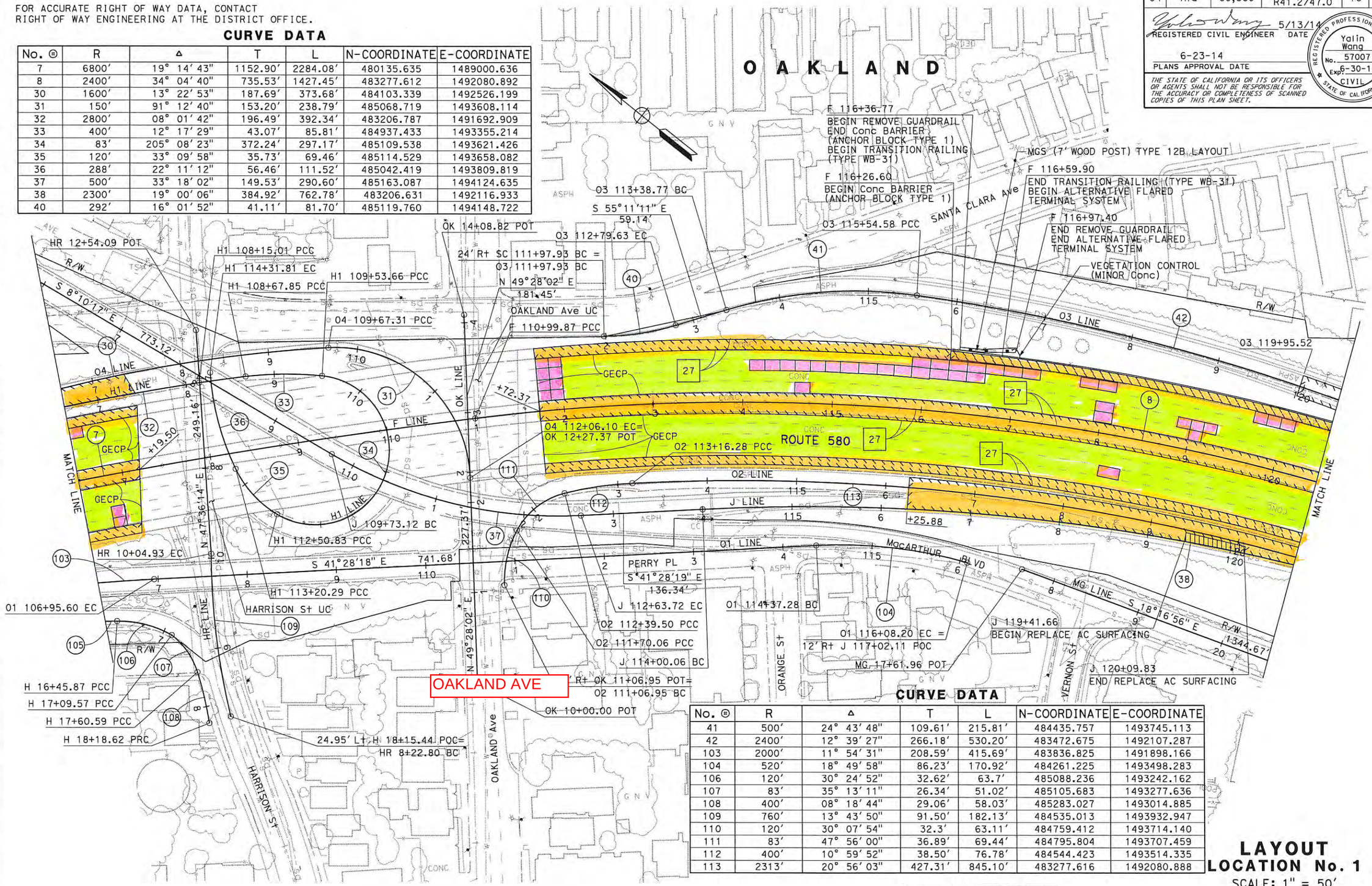
NOTE:

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

CURVE DATA

No. ⓔ	R	Δ	T	L	N-COORDINATE	E-COORDINATE
7	6800′	19° 14′ 43"	1152.90′	2284.08′	480135.635	1489000.636
8	2400′	34° 04′ 40"	735.53′	1427.45′	483277.612	1492080.892
30	1600′	13° 22′ 53"	187.69′	373.68′	484103.339	1492526.199
31	150′	91° 12′ 40"	153.20′	238.79′	485068.719	1493608.114
32	2800′	08° 01′ 42"	196.49′	392.34′	483206.787	1491692.909
33	400′	12° 17′ 29"	43.07′	85.81′	484937.433	1493355.214
34	83′	205° 08′ 23"	372.24′	297.17′	485109.538	1493621.426
35	120′	33° 09′ 58"	35.73′	69.46′	485114.529	1493658.082
36	288′	22° 11′ 12"	56.46′	111.52′	485042.419	1493809.819
37	500′	33° 18′ 02"	149.53′	290.60′	485163.087	1494124.635
38	2300′	19° 00′ 06"	384.92′	762.78′	483206.631	1492116.933
40	292′	16° 01′ 52"	41.11′	81.70′	485119.760	1494148.722



CURVE DATA

No. ⓔ	R	Δ	T	L	N-COORDINATE	E-COORDINATE
41	500′	24° 43′ 48"	109.61′	215.81′	484435.757	1493745.113
42	2400′	12° 39′ 27"	266.18′	530.20′	483472.675	1492107.287
103	2000′	11° 54′ 31"	208.59′	415.69′	483836.825	1491898.166
104	520′	18° 49′ 58"	86.23′	170.92′	484261.225	1493498.283
106	120′	30° 24′ 52"	32.62′	63.7′	485088.236	1493242.162
107	83′	35° 13′ 11"	26.34′	51.02′	485105.683	1493277.636
108	400′	08° 18′ 44"	29.06′	58.03′	485283.027	1493014.885
109	760′	13° 43′ 50"	91.50′	182.13′	484535.013	1493932.947
110	120′	30° 07′ 54"	32.3′	63.11′	484759.412	1493714.140
111	83′	47° 56′ 00"	36.89′	69.44′	484795.804	1493707.459
112	400′	10° 59′ 52"	38.50′	76.78′	484544.423	1493514.335
113	2313′	20° 56′ 03"	427.31′	845.10′	483277.616	1492080.888

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT LOCATION No. 1

SCALE: 1" = 50′

L-10

GC	5/12/14	REVISED BY	DATE REVISED
GENER CAPULONG	YALIN WANG	CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION Caltrans DESIGN

LAST REVISION 06-21-14 DATE PLOTTED => 29-AUG-2014 TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	19	315

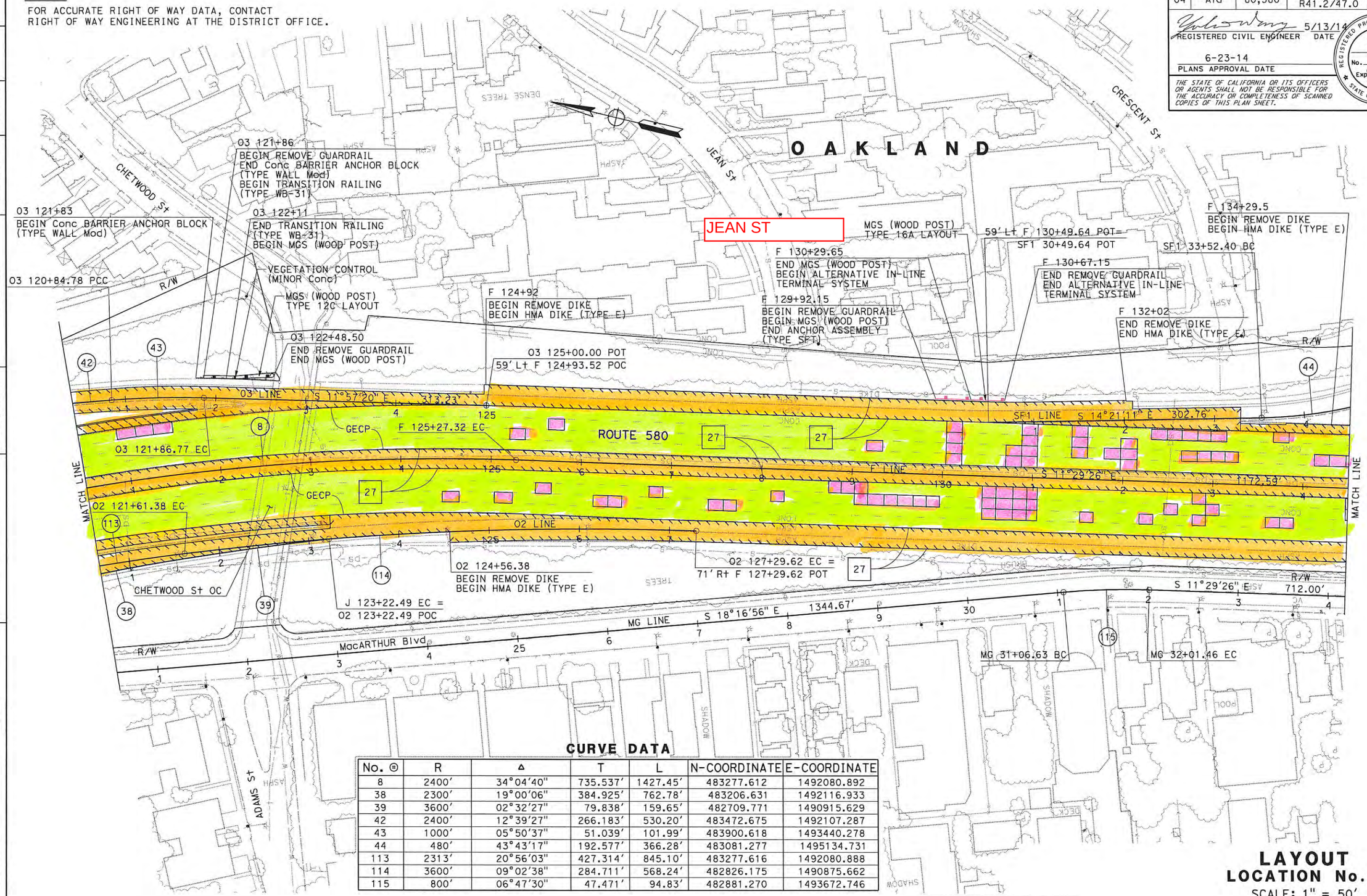
REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 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 DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No.	R	Δ	T	L	N-COORDINATE	E-COORDINATE
8	2400'	34°04'40"	735.537'	1427.45'	483277.612	1492080.892
38	2300'	19°00'06"	384.925'	762.78'	483206.631	1492116.933
39	3600'	02°32'27"	79.838'	159.65'	482709.771	1490915.629
42	2400'	12°39'27"	266.183'	530.20'	483472.675	1492107.287
43	1000'	05°50'37"	51.039'	101.99'	483900.618	1493440.278
44	480'	43°43'17"	192.577'	366.28'	483081.277	1495134.731
113	2313'	20°56'03"	427.314'	845.10'	483277.616	1492080.888
114	3600'	09°02'38"	284.711'	568.24'	482826.175	1490875.662
115	800'	06°47'30"	47.471'	94.83'	482881.270	1493672.746

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50'

L-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

FUNCTIONAL SUPERVISOR: KENDALL KITAMURA
CALCULATED-DESIGNED BY: GENER CAPULONG
CHECKED BY: YALIN WANG
REVISED BY: GC
DATE REVISED: 5/12/14

LAST REVISION 06-21-14
DATE PLOTTED => 29-AUG-2014
TIME PLOTTED => 10:29

BORDER LAST REVISED 7/2/2010
USERNAME => s130819
DGN FILE => 0414000053ea011.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0736
PROJECT NUMBER & PHASE 04140000531

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8 R41.2/47.0	20	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

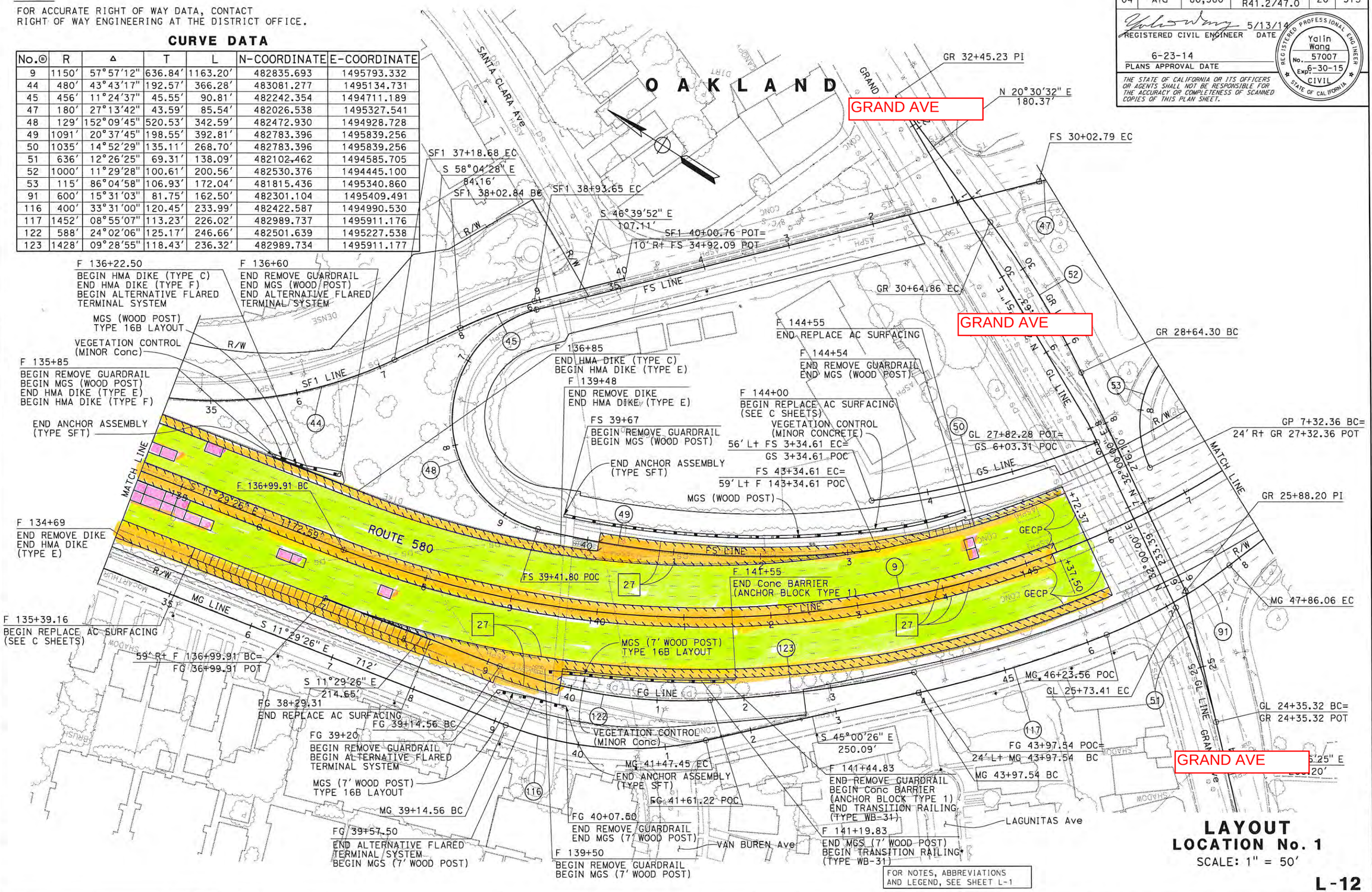
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

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

CURVE DATA

No.⊛	R	Δ	T	L	N-COORDINATE	E-COORDINATE
9	1150′	57°57′12"	636.84′	1163.20′	482835.693	1495793.332
44	480′	43°43′17"	192.57′	366.28′	483081.277	1495134.731
45	456′	11°24′37"	45.55′	90.81′	482242.354	1494711.189
47	180′	27°13′42"	43.59′	85.54′	482026.538	1495327.541
48	129′	152°09′45"	520.53′	342.59′	482472.930	1494928.728
49	1091′	20°37′45"	198.55′	392.81′	482783.396	1495839.256
50	1035′	14°52′29"	135.11′	268.70′	482783.396	1495839.256
51	636′	12°26′25"	69.31′	138.09′	482102.462	1494585.705
52	1000′	11°29′28"	100.61′	200.56′	482530.376	1494445.100
53	115′	86°04′58"	106.93′	172.04′	481815.436	1495340.860
91	600′	15°31′03"	81.75′	162.50′	482301.104	1495409.491
116	400′	33°31′00"	120.45′	233.99′	482422.587	1494990.530
117	1452′	08°55′07"	113.23′	226.02′	482989.737	1495911.176
122	588′	24°02′06"	125.17′	246.66′	482501.639	1495227.538
123	1428′	09°28′55"	118.43′	236.32′	482989.734	1495911.177



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50′

L-12

GC	5/12/14		
REVISED BY	DATE REVISED		
GENER CAPULONG	YALIN WANG		
CALCULATED-DESIGNED BY	CHECKED BY		
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA		

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

LAST REVISION 06-21-14 | DATE PLOTTED => 29-AUG-2014 | TIME PLOTTED => 10:29

NOTE:

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

CURVE DATA

No. ®	R	Δ	T	L	N-COORDINATE	E-COORDINATE
9	1150′	57°57′12"	636.84′	1163.20′	482835.693	1495793.332
46	160′	45°30′00"	67.09′	127.06′	481974.250	1495706.542
47	180′	27°13′42"	43.59′	85.54′	482026.538	1495327.541
53	115′	86°04′58"	106.93′	172.04′	481815.436	1495340.860
55	483′	11°29′37"	48.60′	96.89′	481836.319	1495290.502
56	300′	18°56′04"	50.02′	99.14′	481442.990	1496029.671
57	483′	11°29′37"	48.60′	96.89′	481904.387	1495413.680
58	436′	18°56′07"	72.70′	144.09′	481360.844	1496187.794
60	1200′	07°46′28"	81.54′	162.83′	482604.300	1496858.501
119	300′	25°16′58"	67.28′	132.38′	481314.738	1495476.589
121	500′	08°44′11"	38.19′	76.24′	481937.738	1495997.332
122	1000′	04°15′30"	37.17′	74.32′	480382.653	1496004.381
120	300′	22°03′53"	58.49′	115.53′	481732.742	1495907.022

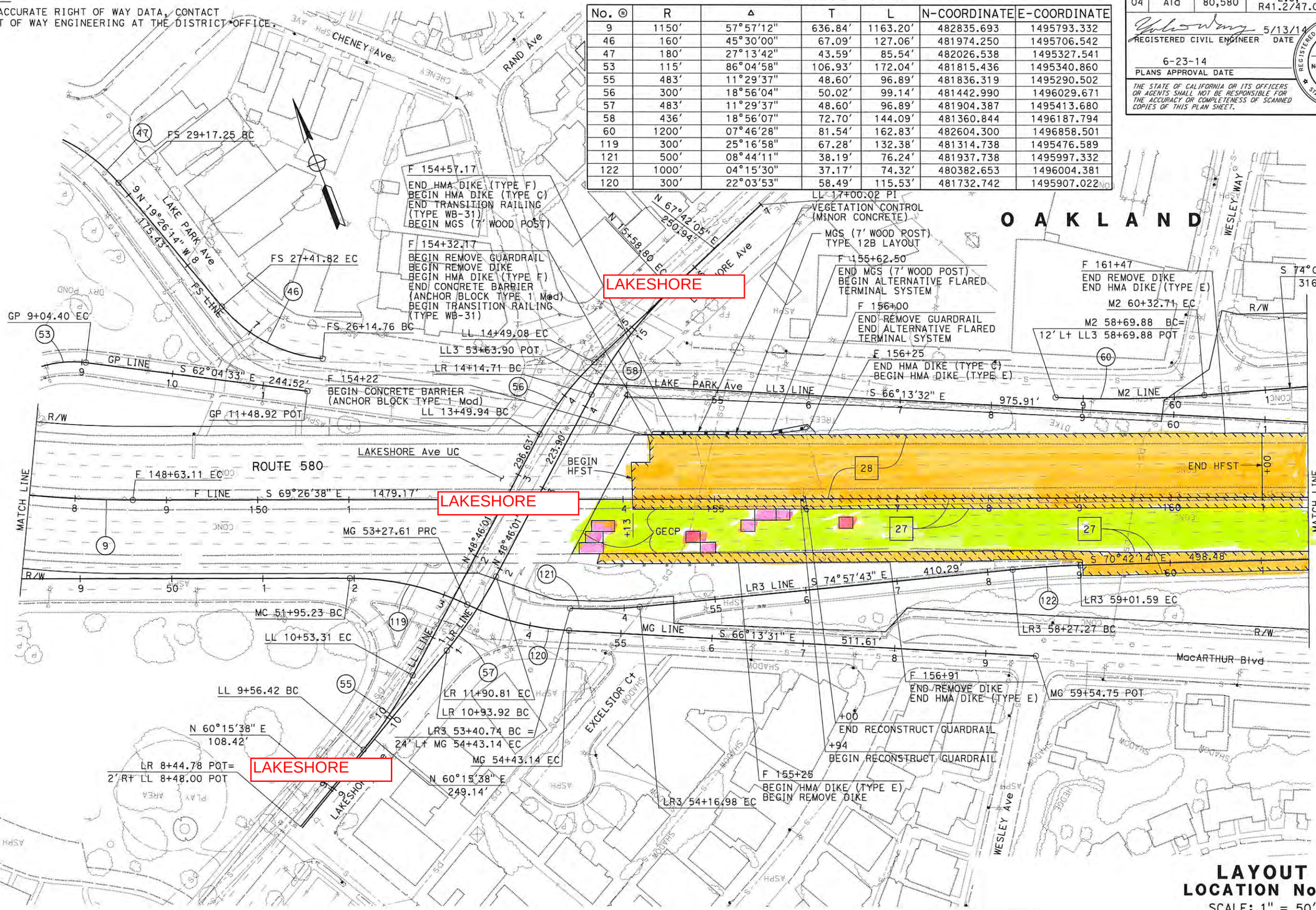
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	21	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50′

L-13

REVISED BY	DATE REVISED
GC	5/12/14

GENER CAPULONG — YALIN WANG — CALCULATED-DESIGNED BY — CHECKED BY

FUNCTIONAL SUPERVISOR: KENDALL KITAMURA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans — DESIGN

LAST REVISION 06-21-14 — DATE PLOTTED => 29-AUG-2014 — TIME PLOTTED => 10:29

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	22	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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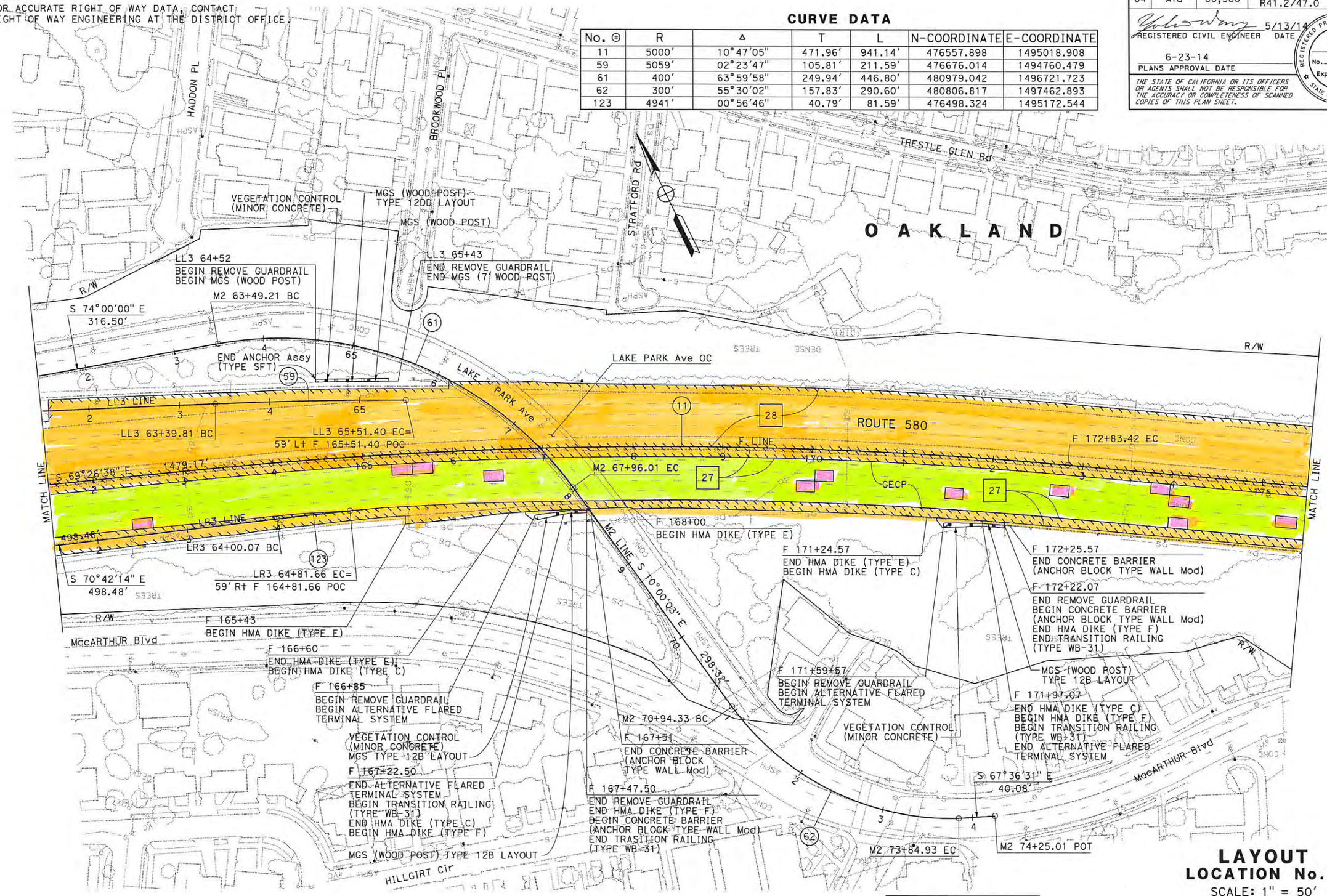
CURVE DATA

No. ⊛	R	Δ	T	L	N-COORDINATE	E-COORDINATE
11	5000′	10°47′05"	471.96′	941.14′	476557.898	1495018.908
59	5059′	02°23′47"	105.81′	211.59′	476676.014	1494760.479
61	400′	63°59′58"	249.94′	446.80′	480979.042	1496721.723
62	300′	55°30′02"	157.83′	290.60′	480806.817	1497462.893
123	4941′	00°56′46"	40.79′	81.59′	476498.324	1495172.544



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50′

L-14

GC	5/12/14		
REVISED BY	DATE REVISED		
GENER CAPULONG	YALIN WANG	CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans DESIGN

LAST REVISION 05-14-14 | DATE PLOTTED => 29-AUG-2014 | TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	23	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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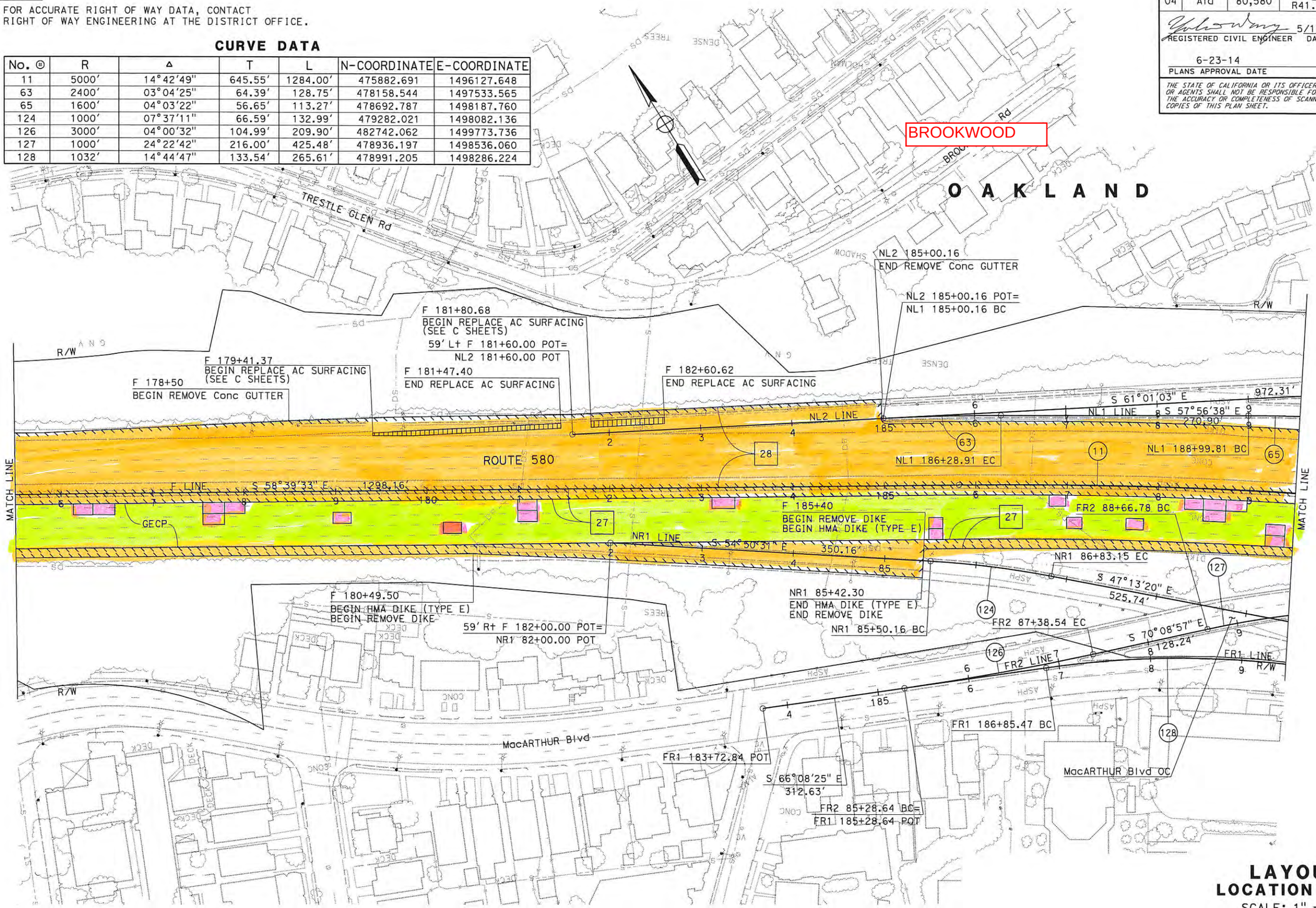
NOTE:

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

CURVE DATA

No. ⊕	R	Δ	T	L	N-COORDINATE	E-COORDINATE
11	5000′	14°42′49"	645.55′	1284.00′	475882.691	1496127.648
63	2400′	03°04′25"	64.39′	128.75′	478158.544	1497533.565
65	1600′	04°03′22"	56.65′	113.27′	478692.787	1498187.760
124	1000′	07°37′11"	66.59′	132.99′	479282.021	1498082.136
126	3000′	04°00′32"	104.99′	209.90′	482742.062	1499773.736
127	1000′	24°22′42"	216.00′	425.48′	478936.197	1498536.060
128	1032′	14°44′47"	133.54′	265.61′	478991.205	1498286.224



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50′

L-15

REVISED BY	DATE REVISED
GC	5/12/14

GENER CAPULONG — YALIN WANG — CALCULATED-DESIGNED BY — CHECKED BY

FUNCTIONAL SUPERVISOR: KENDALL KITAMURA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — DESIGN

Caltrans

LAST REVISION 06-21-14 — DATE PLOTTED => 29-AUG-2014 — TIME PLOTTED => 10:29

BORDER LAST REVISED 7/2/2010 | USERNAME => s130819 | DGN FILE => 0414000053ea015.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0736 | PROJECT NUMBER & PHASE 04140000531

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	24	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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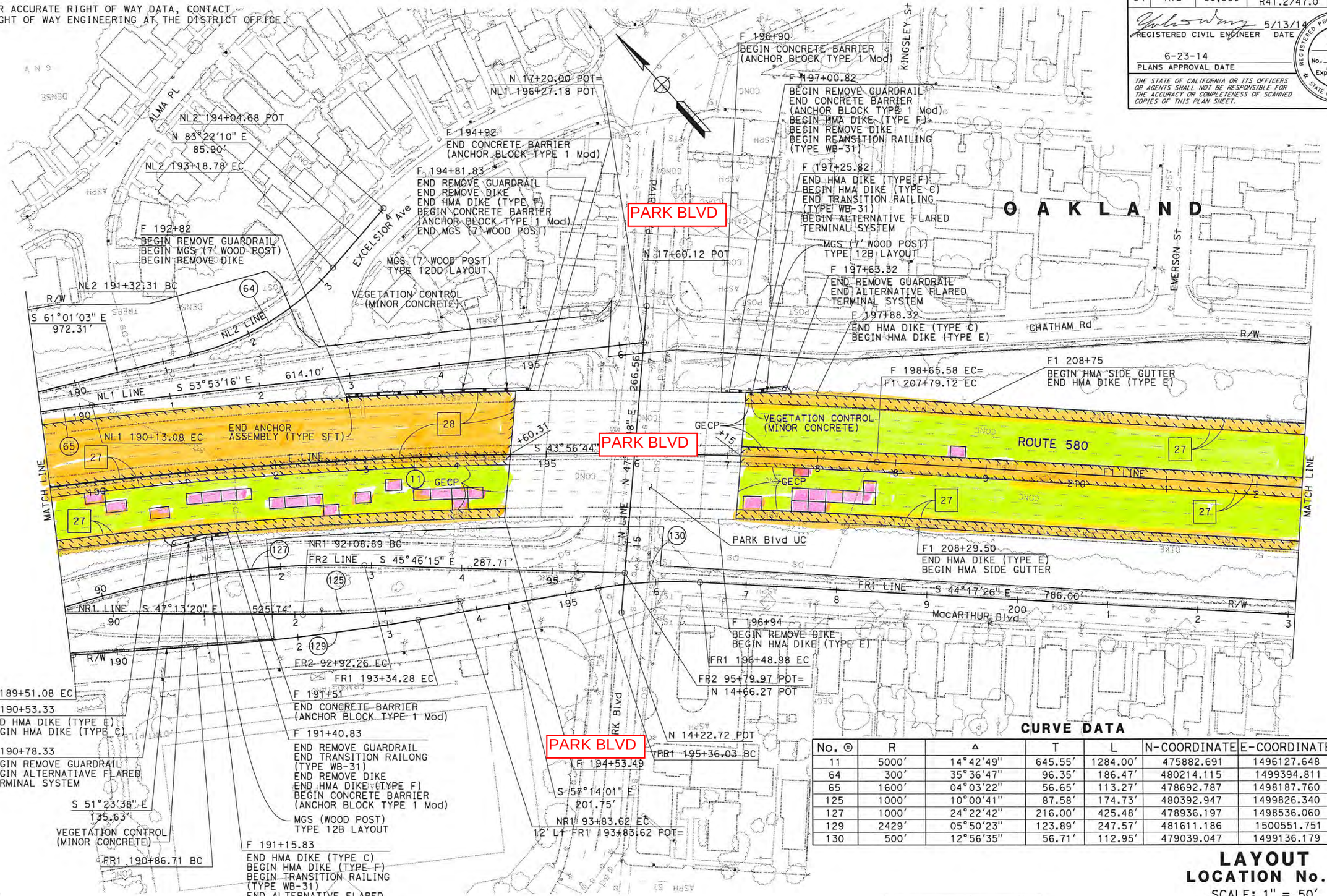
NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No. ⊕	R	Δ	T	L	N-COORDINATE	E-COORDINATE
11	5000'	14°42'49"	645.55'	1284.00'	475882.691	1496127.648
64	300'	35°36'47"	96.35'	186.47'	480214.115	1499394.811
65	1600'	04°03'22"	56.65'	113.27'	478692.787	1498187.760
125	1000'	10°00'41"	87.58'	174.73'	480392.947	1499826.340
127	1000'	24°22'42"	216.00'	425.48'	478936.197	1498536.060
129	2429'	05°50'23"	123.89'	247.57'	481611.186	1500551.751
130	500'	12°56'35"	56.71'	112.95'	479039.047	1499136.179

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50'

L-16

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
GENER CAPULONG	YALIN WANG	GC	5/12/14

FUNCTIONAL SUPERVISOR: KENDALL KITAMURA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN

LAST REVISION 06-21-14 | DATE PLOTTED => 29-AUG-2014 | TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	25	315

REGISTERED CIVIL ENGINEER — DATE 5/13/14

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Yalin Wang — No. 57007 — Exp. 6-30-15 — CIVIL — STATE OF CALIFORNIA

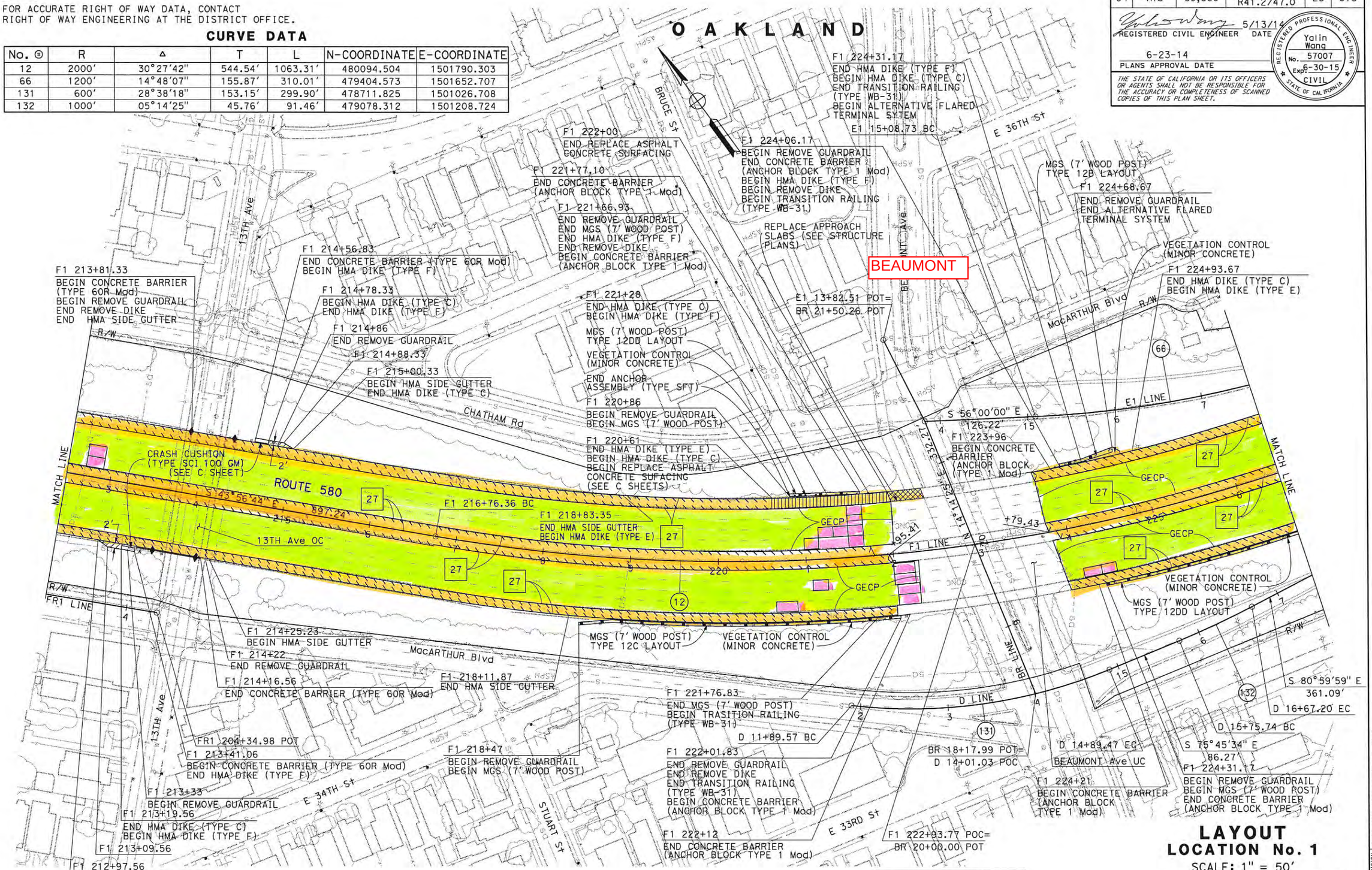
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTE:

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

CURVE DATA

No. ⓑ	R	Δ	T	L	N-COORDINATE	E-COORDINATE
12	2000′	30°27′42"	544.54′	1063.31′	480094.504	1501790.303
66	1200′	14°48′07"	155.87′	310.01′	479404.573	1501652.707
131	600′	28°38′18"	153.15′	299.90′	478711.825	1501026.708
132	1000′	05°14′25"	45.76′	91.46′	479078.312	1501208.724



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50′

L-17

GC	5/12/14		
REVISED BY	DATE REVISED		
GENER CAPULONG	YALIN WANG	CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — DESIGN

LAST REVISION 06-21-14 — DATE PLOTTED => 29-AUG-2014 — TIME PLOTTED => 10:29

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	26	315

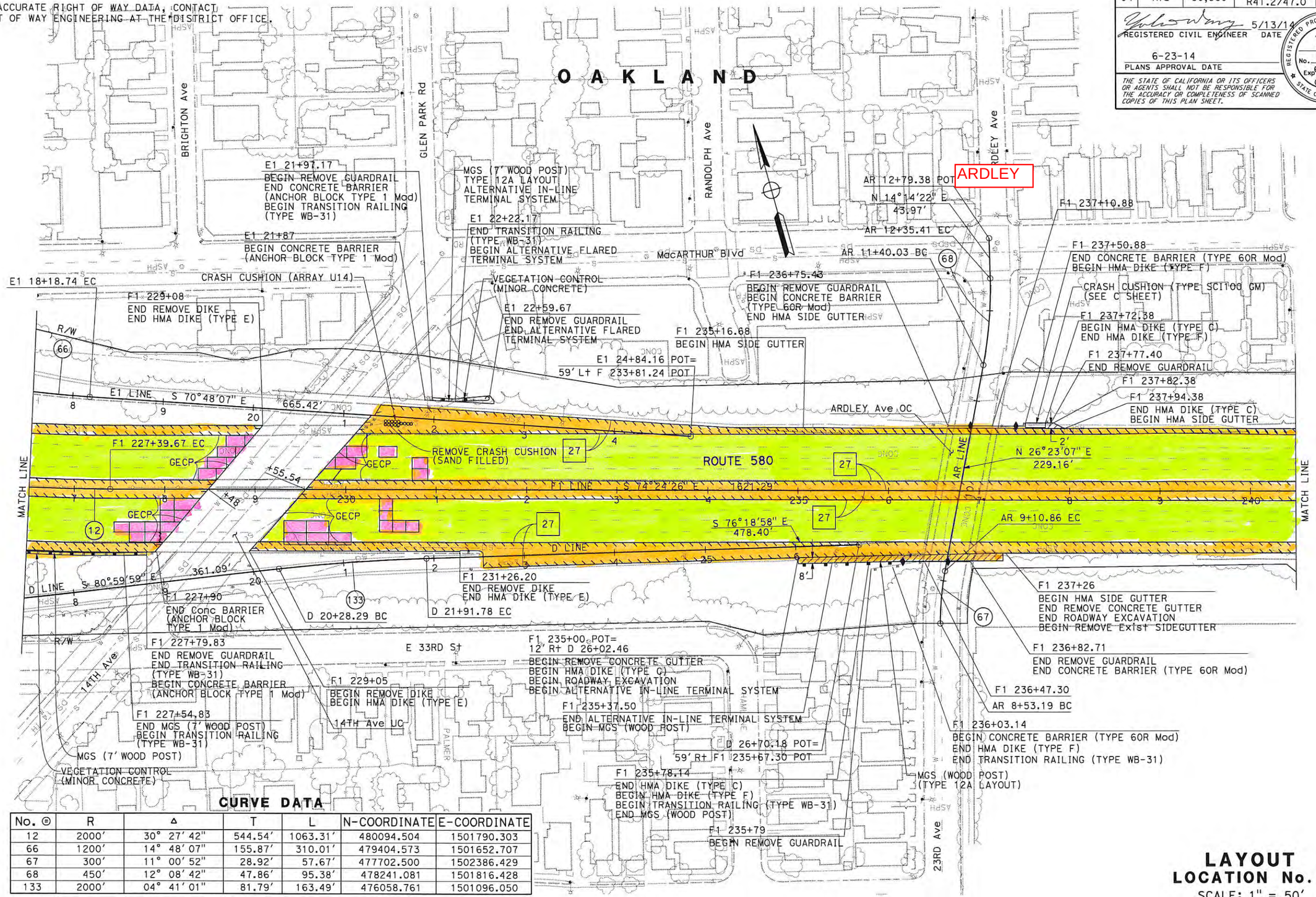
REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
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.

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 CIVIL STATE OF CALIFORNIA

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



CURVE DATA

No. ⓒ	R	Δ	T	L	N-COORDINATE	E-COORDINATE
12	2000'	30° 27' 42"	544.54'	1063.31'	480094.504	1501790.303
66	1200'	14° 48' 07"	155.87'	310.01'	479404.573	1501652.707
67	300'	11° 00' 52"	28.92'	57.67'	477702.500	1502386.429
68	450'	12° 08' 42"	47.86'	95.38'	478241.081	1501816.428
133	2000'	04° 41' 01"	81.79'	163.49'	476058.761	1501096.050

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50'

L-18

REVISED BY	DATE REVISED
GC	5/12/14

GENER CAPULONG — YALIN WANG
CALCULATED-DESIGNED BY — CHECKED BY
FUNCTIONAL SUPERVISOR — KENDALL KITAMURA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

LAST REVISION 06-21-14 DATE PLOTTED => 29-AUG-2014 TIME PLOTTED => 10:29

NOTE:

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

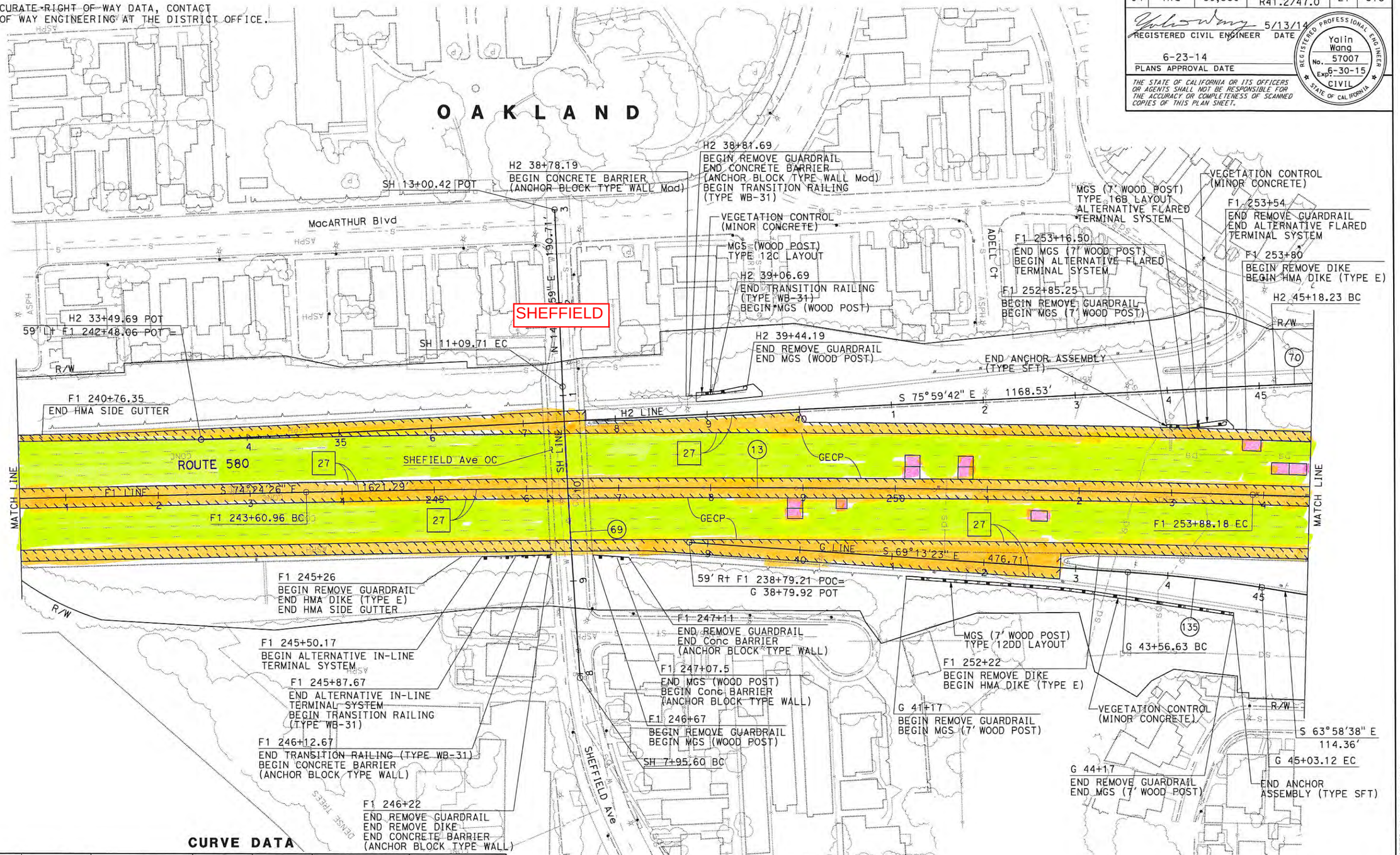
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8 R41.2/47.0	27	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 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	N-COORDINATE	E-COORDINATE
13	20000'	02°56'34"	513.72'	1027.22'	458468.382	1497438.356
69	10000'	01°47'59"	157.06'	314.11'	475256.738	1512795.416
70	1600'	04°19'12"	60.34'	120.64'	475984.262	1503468.025
135	1600'	05°14'45"	73.29'	146.49'	475894.949	1503074.426

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50'

L-19

GC	5/12/14	
REVISED BY	DATE REVISED	
GENER CAPULONG	YALIN WANG	
CALCULATED-DESIGNED BY	CHECKED BY	
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN

LAST REVISION 06-21-14
DATE PLOTTED => 29-AUG-2014
TIME PLOTTED => 10:29

NOTE:

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

CURVE DATA

No. ⊕	R	Δ	T	L	N-COORDINATE	E-COORDINATE
132	1000′	07°15′05″	63.36′	126.56′	478181.188	1504317.884
70	1600′	04°19′12″	60.34′	120.64′	475984.262	1503468.025
71	400′	12°30′43″	43.84′	87.35′	477103.754	1503763.835
72	400′	12°30′43″	43.84′	87.35′	477018.808	1504559.312
73	400′	12°30′43″	43.84′	87.35′	477300.147	1504654.028
74	400′	12°30′43″	43.84′	87.35′	477713.581	1503969.139

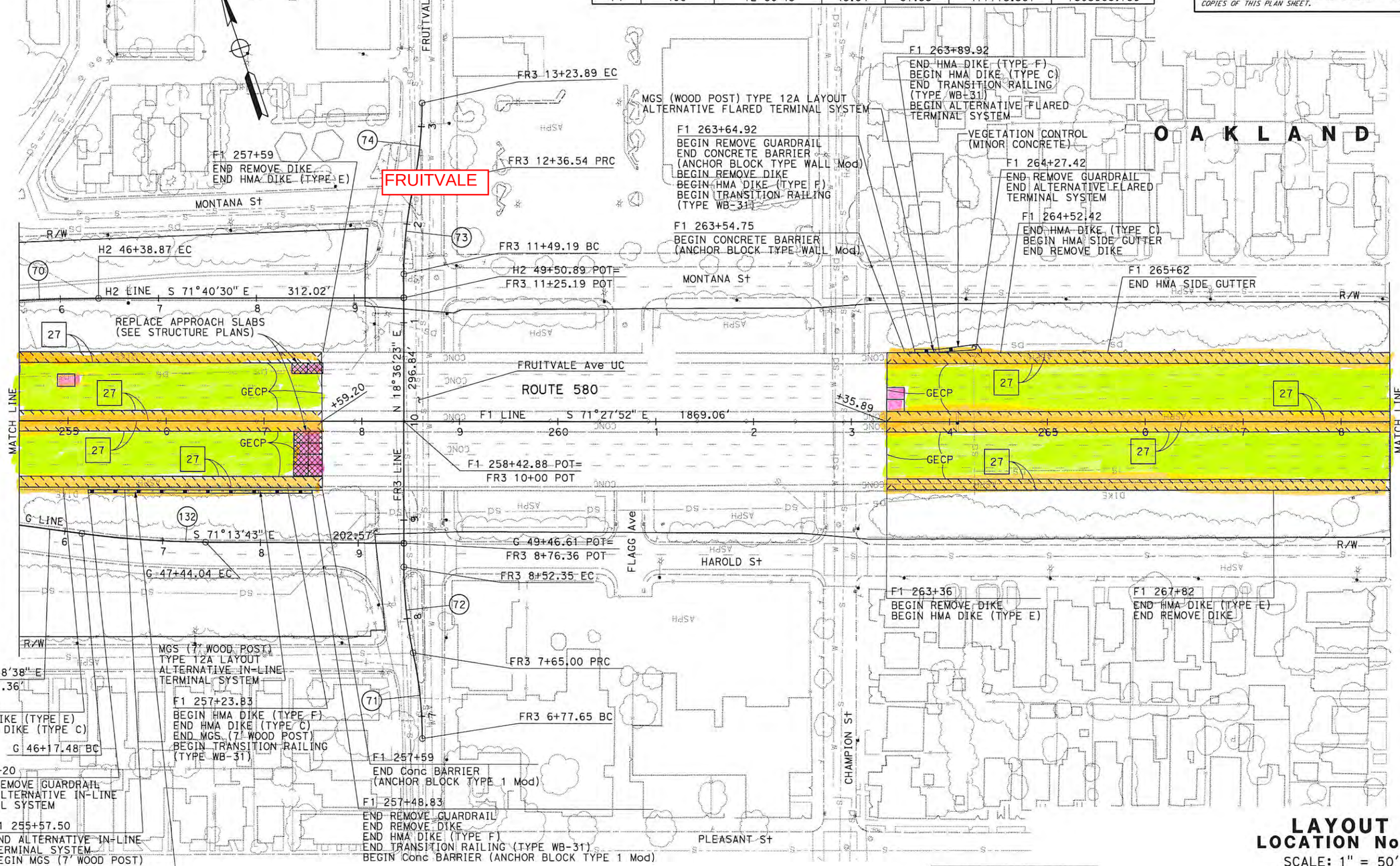
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	80,580	2.8, R41.2/47.0	28	315

REGISTERED CIVIL ENGINEER 5/13/14 DATE

6-23-14
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Yalin Wang No. 57007 Exp. 6-30-15 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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50′

L-20

GC	5/12/14		
REVISED BY	DATE REVISED		
GENER CAPULONG	YALIN WANG		
CALCULATED-DESIGNED BY	CHECKED BY		
FUNCTIONAL SUPERVISOR	KENDALL KITAMURA		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN

LAST REVISION 06-21-14 | DATE PLOTTED => 29-AUG-2014 | TIME PLOTTED => 10:29

BORDER LAST REVISED 7/2/2010 | USERNAME => s130819 | DGN FILE => 0414000053ea020.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0736 | PROJECT NUMBER & PHASE 04140000531

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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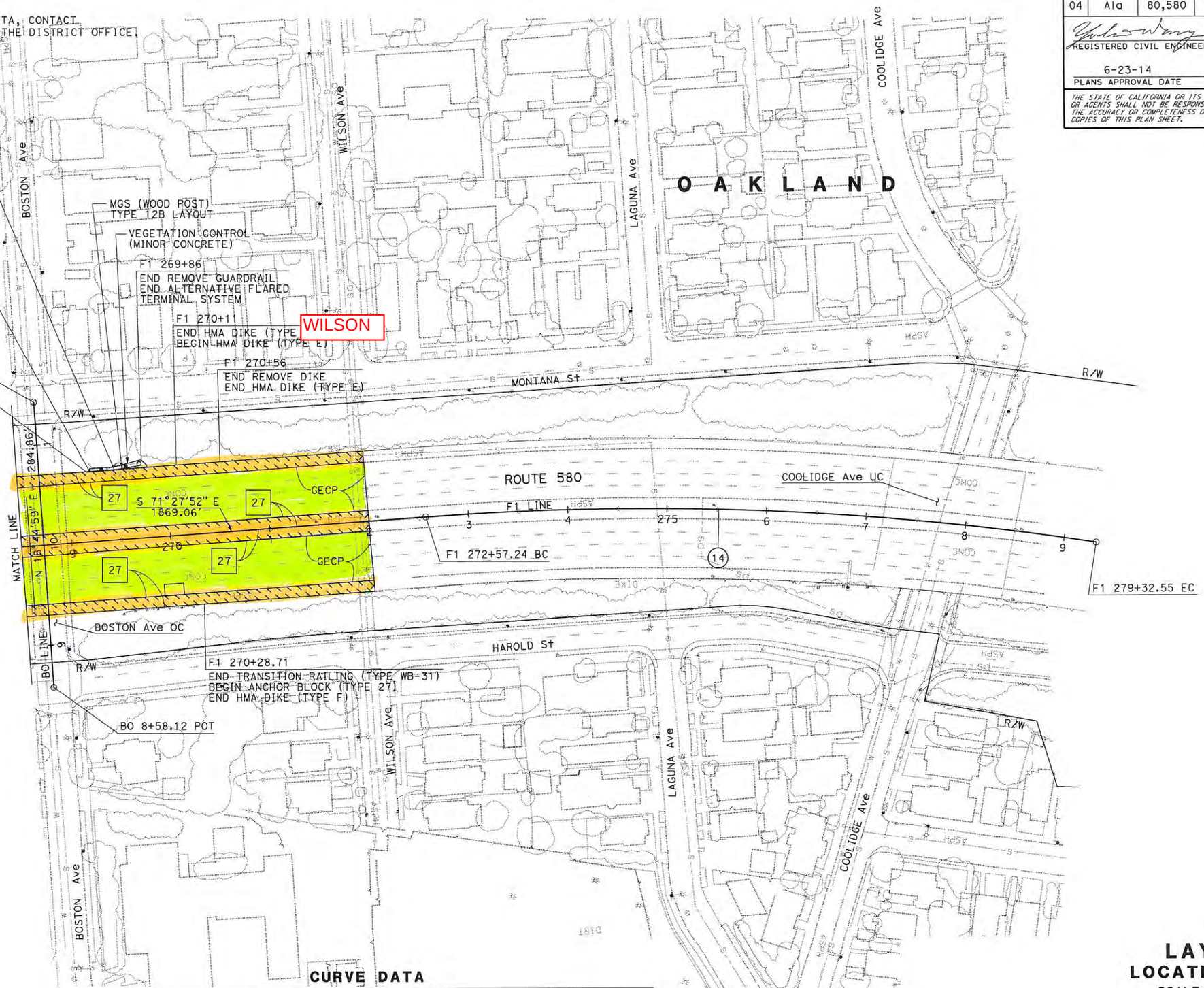
NOTE:

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



CURVE DATA

No. ⊛	R	Δ	T	L	N-COORDINATE	E-COORDINATE
14	3000'	12°53'51"	339.08'	675.31'	473992.373	1504614.641

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

LAYOUT
LOCATION No. 1
SCALE: 1" = 50'

L-21

REVISED BY	DATE REVISED
GC	5/12/14

GENER CAPULONG — YALIN WANG — CALCULATED-DESIGNED BY — CHECKED BY

FUNCTIONAL SUPERVISOR: KENDALL KITAMURA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans — DESIGN

LAST REVISION 05-10-14 — DATE PLOTTED => 29-AUG-2014 TIME PLOTTED => 10:29