

<b>RTIP ID#</b> <i>(required)</i> LA0G441					
<b>TCWG Consideration Date</b> February 22, 2022					
<b>Project Description</b> <i>(clearly describe project)</i>					
<p>The proposed project is located on State Route 1 (SR-1) from 0.1 mile south of Palos Verdes Blvd in the City of Redondo Beach to Dewey Street in the City of Los Angeles (Post Mile 18.0 to 33.3). The proposed scope of work includes the following:</p> <ul style="list-style-type: none"> <li>▪ Peak-hour Bus lane between PM 32.1 and 33.3 (on Lincoln Blvd between Commonwealth Avenue and Venice Blvd) – See attached Plan from Pages 6 through 10.</li> <li>▪ Traffic signal left-turn phasing along with five HAWK systems to be installed at the following locations: Lincoln Blvd/Garfield Ave, Lincoln Blvd/Victoria Ave, Lincoln Blvd/Vernon Ave, Lincoln Blvd/Amoroso Pl, Lincoln Blvd/Flower Ave, and Lincoln Blvd/Commonwealth Ave-Machado Dr.</li> <li>▪ Dedicated right turn lane from northbound SR-1 to eastbound Palos Verdes Blvd. See attached Plan Page 1.</li> <li>▪ Other improvements include AC cold plane and overlay; construct/reconstruct PCC Bus Pads; reconstruct/upgrade curbs and gutters; upgrade existing MBGR’s to MGS; replace loop detectors; and relocate/replace traffic signals where needed.</li> </ul>					
<b>Type of Project</b> <i>(use Table 1 on instruction sheet)</i>					
Intersection Channelization					
<b>County</b>	<b>Narrative Location/Route &amp; Postmiles</b> SR-1/Postmile 18.0/33.3				
LA	<b>Caltrans Projects – EA/EFIS#</b> 32580/0716000090				
<b>Lead Agency:</b> Caltrans					
<b>Contact Person</b>	<b>Phone#</b>	<b>Fax#</b>	<b>Email</b>		
Andrew Yoon	213-266-6892	213-897-0683	andrew.yoon@dot.ca.gov		
<b>Hot Spot Pollutant of Concern</b> <i>(check one or both)</i> <b>PM2.5</b> x <b>PM10</b> x					
<b>Federal Action for which Project-Level PM Conformity is Needed</b> <i>(check appropriate box)</i>					
x	<b>Categorical Exclusion (NEPA)</b>	<b>EA or Draft EIS</b>	<b>FONSI or Final EIS</b>	<b>PS&amp;E or Construction</b>	<b>Other</b>
<b>Scheduled Date of Federal Action:</b> February 2022					
<b>NEPA Assignment – Project Type</b> <i>(check appropriate box)</i>					
Exempt	x	<b>Section 326 – Categorical Exemption</b>	<b>Section 327 – Non-Categorical Exemption</b>		
<b>Current Programming Dates</b> <i>(as appropriate)</i>					
	<b>PE/Environmental</b>	<b>ENG</b>	<b>ROW</b>	<b>CON</b>	
<b>Start</b>	11/13/2017	12/30/2019	3/2/2020	10/7/2022	
<b>End</b>	12/31/2019	2/17/2022	4/15/2022	10/30/2024	

**Project Purpose and Need (Summary):** *(attach additional sheets as necessary)*

The purpose of the project is to restore the facility to a state of good repair as well as improve pedestrian accessibility and improve traffic safety and operations.

**Surrounding Land Use/Traffic Generators** *(especially effect on diesel traffic)*

Land uses along the project corridor include a mix of residential, parks, and commercial uses with preschool and residential within buffer zone of 500 feet.

PM Conformity Hot Spot Analysis – Project Summary for Interagency Consultation

Opening Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility			
Post Mile	Location	2025 Forecast	
		AADT	Truck
18.090	TORRANCE, PALOS VERDES BOULEVARD	33,900	3.33%
19.524	REDONDO BEACH, TORRANCE BOULEVARD	41,300	3.33%
21.181	HERMOSA BEACH, AVIATION BOULEVARD	65,600	3.33%
21.341	HERMOSA BEACH, PIER AVENUE/14TH STREET	52,900	3.33%
21.919	MANHATTAN BEACH, ARTESIA BOULEVARD	49,700	3.33%
22.900	MANHATTAN BEACH, MANHATTAN BEACH BLVD	51,400	3.33%
23.924	EL SEGUNDO, ROSECRANS AVENUE	67,600	3.33%
24.911	EL SEGUNDO, EL SEGUNDO BOULEVARD	65,400	3.33%
25.924	LOS ANGELES, JCT. RTE. 105	64,800	2.16%
26.904	LOS ANGELES, LOS ANGELES INT'L AIRPORT	111,500	2.16%
27.363	LOS ANGELES, LOS ANGELES INT'L AIRPORT	85,300	2.16%
29.084	LOS ANGELES, MANCHESTER AVENUE	43,100	2.16%
30.163	LOS ANGELES, JEFFERSON BOULEVARD	58,900	2.16%
30.474	LOS ANGELES, CULVER BOULEVARD	60,200	2.51%
31.290	LOS ANGELES, JCT. RTE. 90	52,900	2.51%
31.780	LOS ANGELES, WASHINGTON BLVD	69,400	2.51%
32.166	LOS ANGELES, JCT. RTE. 187	48,100	2.51%
34.576	SANTA MONICA, JCT. RTE. 10	43,400	2.51%

*Note: Build and No-Build are the same*

RTP Horizon Year / Design Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility			
Post Mile	Location	2045 Forecast	
		AADT	Truck
18.090	TORRANCE, PALOS VERDES BOULEVARD	40,000	3.33%
19.524	REDONDO BEACH, TORRANCE BOULEVARD	48,800	3.33%
21.181	HERMOSA BEACH, AVIATION BOULEVARD	77,600	3.33%
21.341	HERMOSA BEACH, PIER AVENUE/14TH STREET	62,600	3.33%
21.919	MANHATTAN BEACH, ARTESIA BOULEVARD	58,800	3.33%
22.900	MANHATTAN BEACH, MANHATTAN BEACH BLVD	61,000	3.33%
23.924	EL SEGUNDO, ROSECRANS AVENUE	79,700	3.33%
24.911	EL SEGUNDO, EL SEGUNDO BOULEVARD	79,900	3.33%
25.924	LOS ANGELES, JCT. RTE. 105	74,100	2.16%
26.904	LOS ANGELES, LOS ANGELES INT'L AIRPORT	116,400	2.16%
27.363	LOS ANGELES, LOS ANGELES INT'L AIRPORT	93,000	2.16%
29.084	LOS ANGELES, MANCHESTER AVENUE	46,600	2.16%
30.163	LOS ANGELES, JEFFERSON BOULEVARD	65,200	2.16%
30.474	LOS ANGELES, CULVER BOULEVARD	67,700	2.51%
31.290	LOS ANGELES, JCT. RTE. 90	55,900	2.51%
31.780	LOS ANGELES, WASHINGTON BLVD	73,900	2.51%
32.166	LOS ANGELES, JCT. RTE. 187	50,300	2.51%
34.576	SANTA MONICA, JCT. RTE. 10	44,700	2.51%

*Note: Build and No-Build are the same*

**Describe potential traffic redistribution effects of congestion relief (impact on other facilities)**

This project consists of adding a bus lane for peak-hourly use, upgrading curb ramps, repairing concrete pavement at major intersections. The proposed project is not anticipated to result in traffic redistribution, but rather is anticipated to improve safety and operation within the project area.

**Comments/Explanation/Details (attach additional sheets as necessary)**

As summarized in the above tables, the project route carries traffic volumes with relatively low truck percentages that are not anticipated to change due to the proposed project. The proposed project does not meet the criteria in 40 CFR 93.123(b)(1); and it is therefore recommended that the proposed project be concurred as not of air quality concern for particulate matters.

x  
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** **TRAFFIC DESIGN**  
 FUNCTIONAL SUPERVISOR  
 ANH D. NGUYEN  
 CALCULATED-DESIGNED BY  
 JAMES M. CANALITA  
 CHECKED BY  
 RICHARD B. KHAW  
 REVISED BY  
 RICHARD B. KHAW  
 DATE  
 REVISÉ  
 DATE REVISÉ  
 USERNAME => s132903  
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 BORDER LAST REVISED 7/2/2010  
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**NOTES:**

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. LIMIT LINES MUST BE 12 INCHES SOLID WHITE.

**SIGN DESIGNATION LEGEND:**

XXXY-Y: FEDERAL SIGN DESIGNATION PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)  
 XXXY-Y (CA): CALIFORNIA SIGN DESIGNATION PER CALIFORNIA MUTCD

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	1	18.0/33.3	XX	XX

REGISTERED CIVIL ENGINEER DATE

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

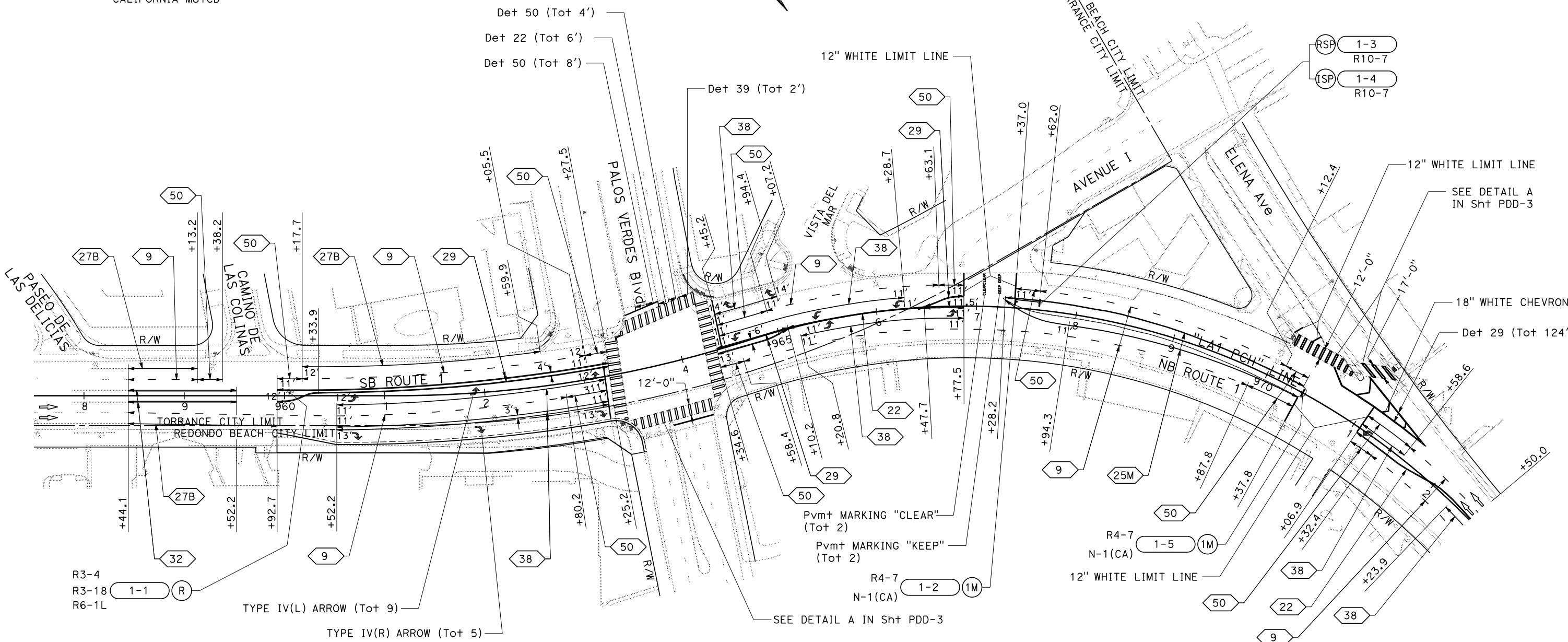
**RICHARD B. KHAW**

No. C80736

Exp. 3/31/23

CIVIL

STATE OF CALIFORNIA



**LEGEND:**

- |  |   |
|--|---|
| <p><b>(XX)</b> STRIPING DETAIL No.</p> <p><b>(X-XXX)</b> ROADSIDE SIGN NUMBER</p> <p><b>(RM)</b> REMOVE ROADSIDE SIGN (METAL POST)</p> <p><b>(1M)</b> ROADSIDE SIGN - ONE POST (METAL POST)</p> <p><b>(SS)</b> INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)</p> <p><b>(ISP)</b> INSTALL ROADSIDE SIGN PANEL ON EXISTING POST</p> <p><b>(XX)</b> BACK TO BACK SIGN INSTALLATION</p> | <p><b>+</b> CHANGE IN PAVEMENT DELINEATION DETAILS</p> <p><b>(R)</b> REMOVE ROADSIDE SIGN (WOOD POST)</p> <p><b>(RSS)</b> REMOVE ROADSIDE SIGN (STRAP AND SADDLE BRACKET METHOD)</p> <p><b>(RSP)</b> REMOVE ROADSIDE SIGN PANEL</p> <p><b>(RMH)</b> REMOVE ROADSIDE SIGN MOUNTED ON MAST-ARM</p> <p><b>(MH)</b> INSTALL SIGN (MAST-ARM HANGER METHOD)</p> |
|--|---|

# PAVEMENT DELINEATION AND SIGN PLAN

SCALE 1" = 50'

**PD-1**

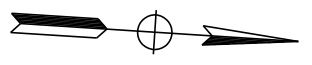
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 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** TRAFFIC DESIGN  
 FUNCTIONAL SUPERVISOR ANH D. NGUYEN  
 CALCULATED/DESIGNED BY JAMES M. CANALITA  
 CHECKED BY RICHARD B. KHAW  
 REVISOR BY RICHARD B. KHAW  
 DATE REVISED

**NOTES:**

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- LIMIT LINES MUST BE 12 INCHES SOLID WHITE.



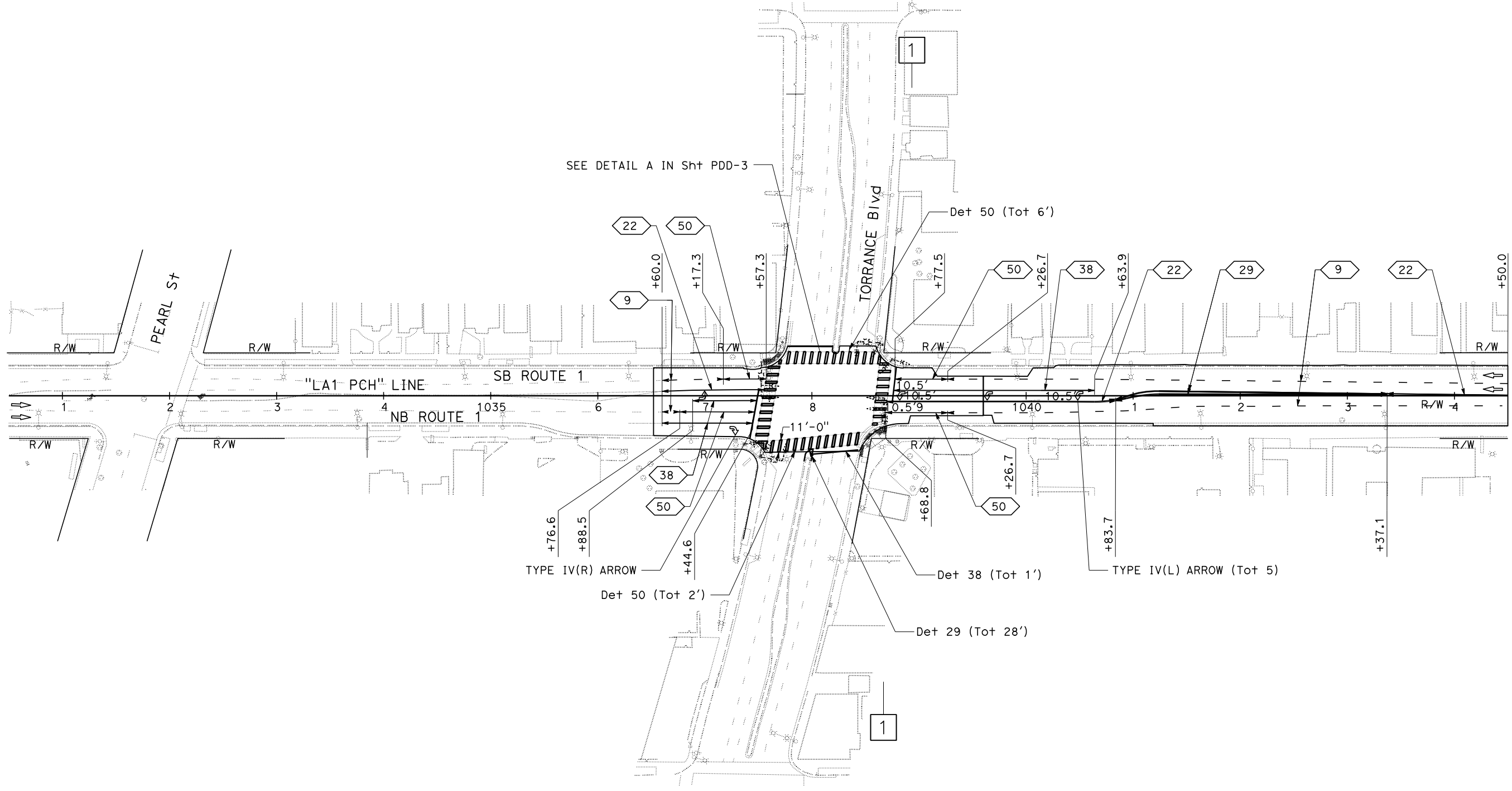
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	1	18.0/33.3	XX	XX

REGISTERED CIVIL ENGINEER	DATE
RICHARD B. KHAW	
No. C80736	
Exp. 3/31/23	
CIVIL	

PLANS APPROVAL DATE

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APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

**PAVEMENT DELINEATION AND SIGN PLAN**

SCALE 1" = 50'

**PD-2**

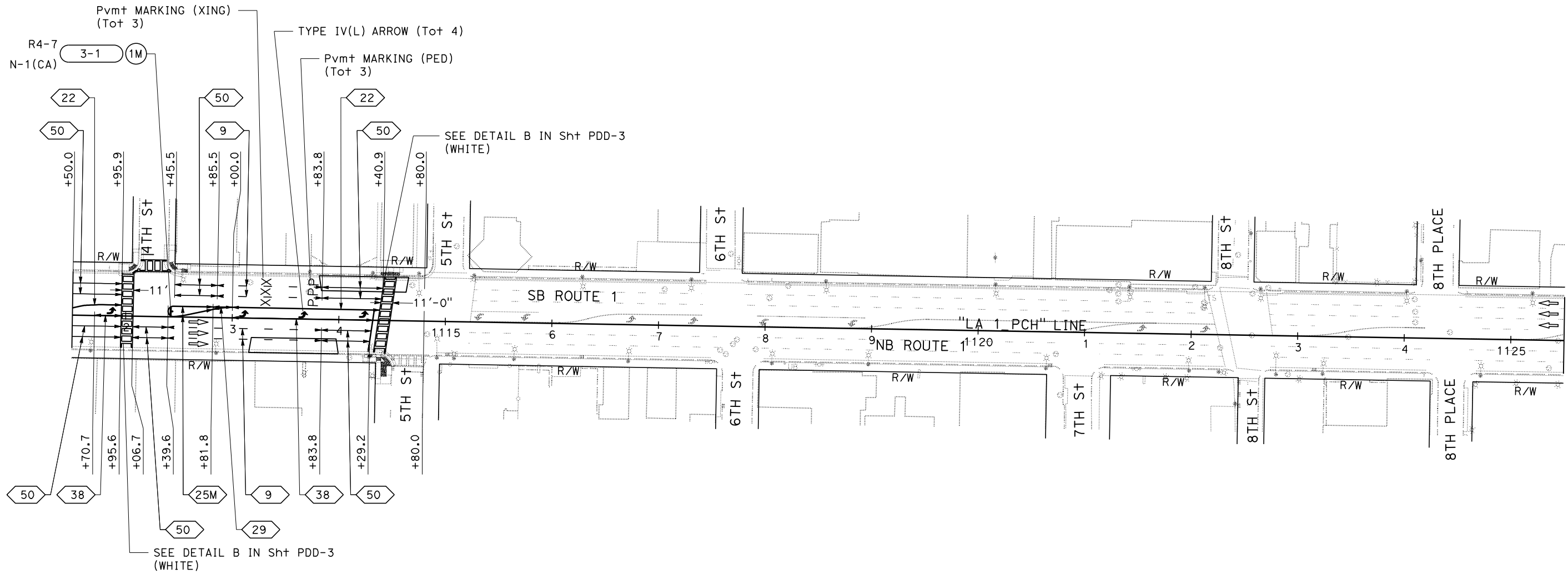
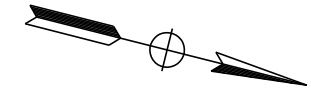
LAST REVISION    DATE PLOTTED => 17-DEC-2021  
 00-00-00    TIME PLOTTED => 16:03

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** TRAFFIC DESIGN  
 FUNCTIONAL SUPERVISOR: ANH D. NGUYEN  
 CALCULATED/DESIGNED BY: JAMES M. CANALITA  
 CHECKED BY: RICHARD B. KHAW  
 REVISOR: JAMES M. CANALITA  
 DATE: [REDACTED]  
 REVISOR: RICHARD B. KHAW  
 DATE: [REDACTED]

- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
  - LIMIT LINES MUST BE 12 INCHES SOLID WHITE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	1	18.0/33.3	XX	XX

REGISTERED CIVIL ENGINEER DATE: \_\_\_\_\_  
 RICHARD B. KHAW  
 No. C80736  
 Exp. 3/31/23  
 CIVIL  
 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.



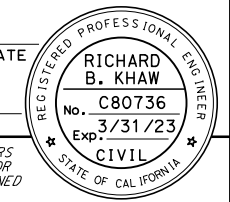
**PAVEMENT DELINEATION AND SIGN PLAN**  
 SCALE 1" = 50'  
**PD-3**

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

LAST REVISION DATE PLOTTED => 17-DEC-2021  
 00-00-00 TIME PLOTTED => 16:03

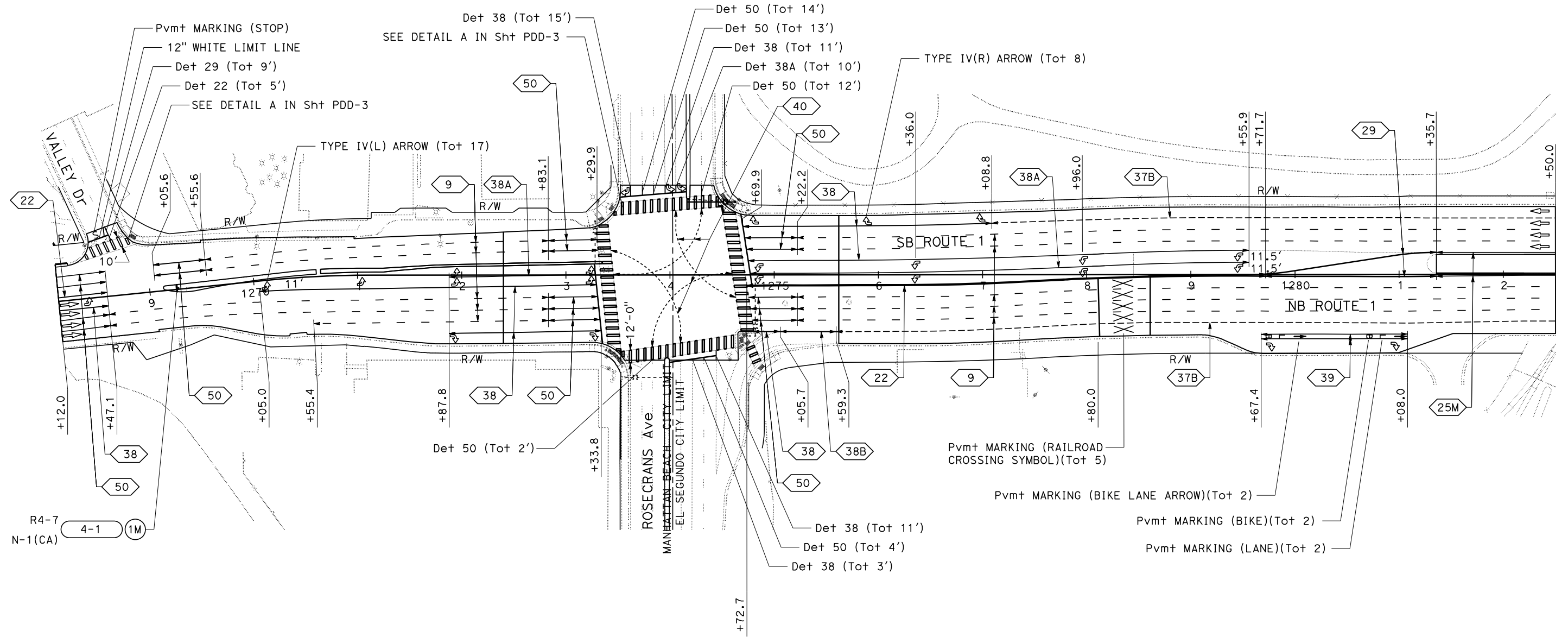
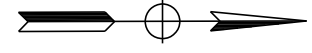
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	1	18.0/33.3	XX	XX

REGISTERED CIVIL ENGINEER	DATE
	
PLANS APPROVAL DATE	
<small>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.</small>	

**NOTES:**

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# PAVEMENT DELINEATION AND SIGN PLAN

SCALE 1" = 50'

PD-4

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISED BY
<b>Caltrans</b>	ANH D. NGUYEN	JAMES M. CANALITA	RICHARD B. KHAW
<b>TRAFFIC DESIGN</b>	CHECKED BY	DATE	REVISED

BORDER LAST REVISED 7/2/2010

USERNAME => s132903  
DGN FILE => 732580na004.dgn

RELATIVE BORDER SCALE 15 IN INCHES

UNIT 2124

PROJECT NUMBER & PHASE

07160000901

LAST REVISION DATE PLOTTED => 17-DEC-2021  
00-00-00 TIME PLOTTED => 16:04



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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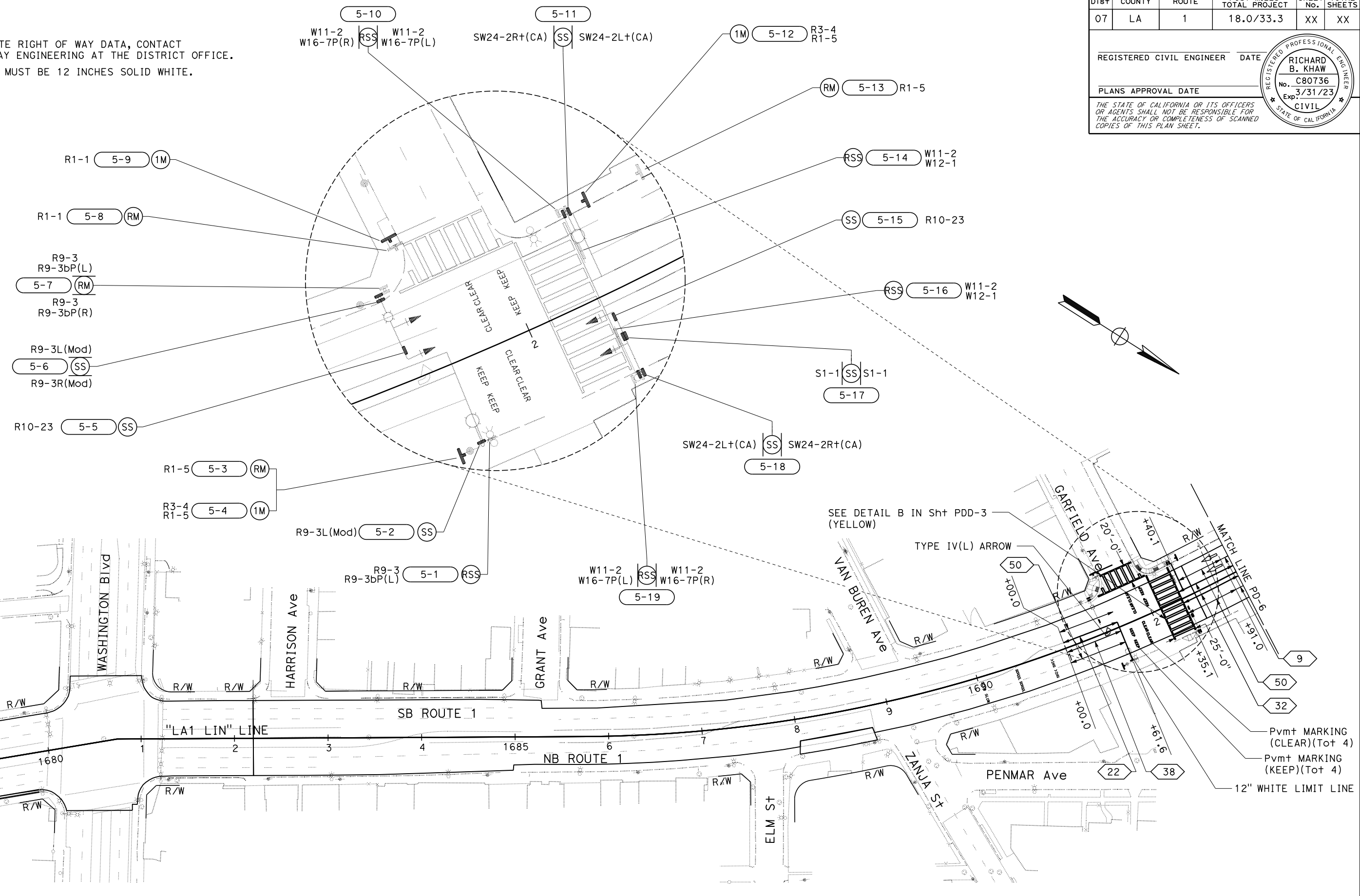
REGISTERED CIVIL ENGINEER	DATE
RICHARD B. KHAW	
No. C80736	
Exp. 3/31/23	
CIVIL	

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.

**NOTES:**

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- LIMIT LINES MUST BE 12 INCHES SOLID WHITE.



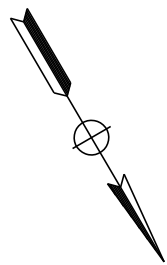
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 TRAFFIC DESIGN  
 ANH D. NGUYEN  
 JAMES M. CANALITA  
 RICHARD B. KHAW  
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

**PAVEMENT DELINEATION AND SIGN PLAN**  
 SCALE 1" = 50'  
**PD-5**

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

NOTES:

- 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- 2. LIMIT LINES MUST BE 12 INCHES SOLID WHITE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	1	18.0/33.3	XX	XX

REGISTERED CIVIL ENGINEER      DATE \_\_\_\_\_

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

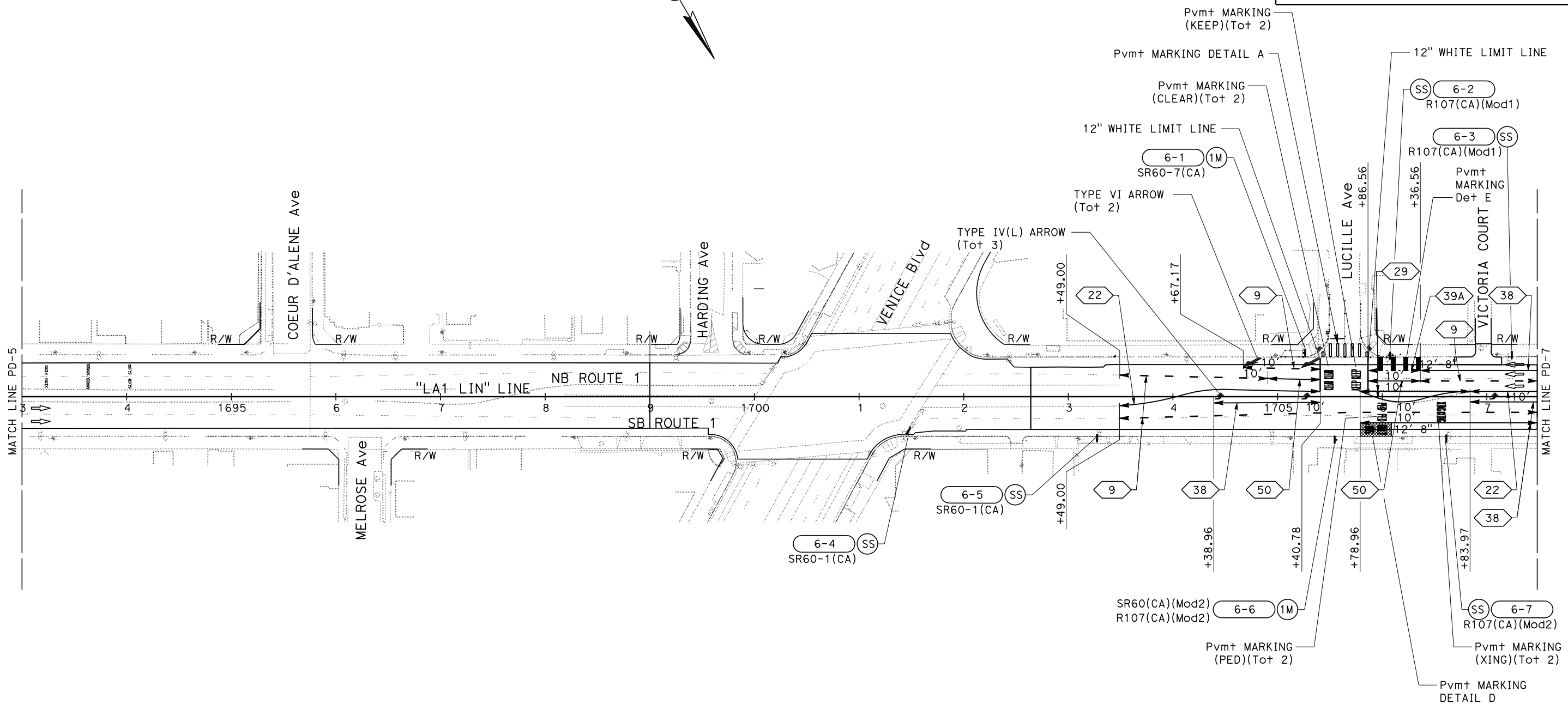
RICHARD B. KHAW

No. C80736

Exp. 3/31/23

CIVIL

STATE OF CALIFORNIA



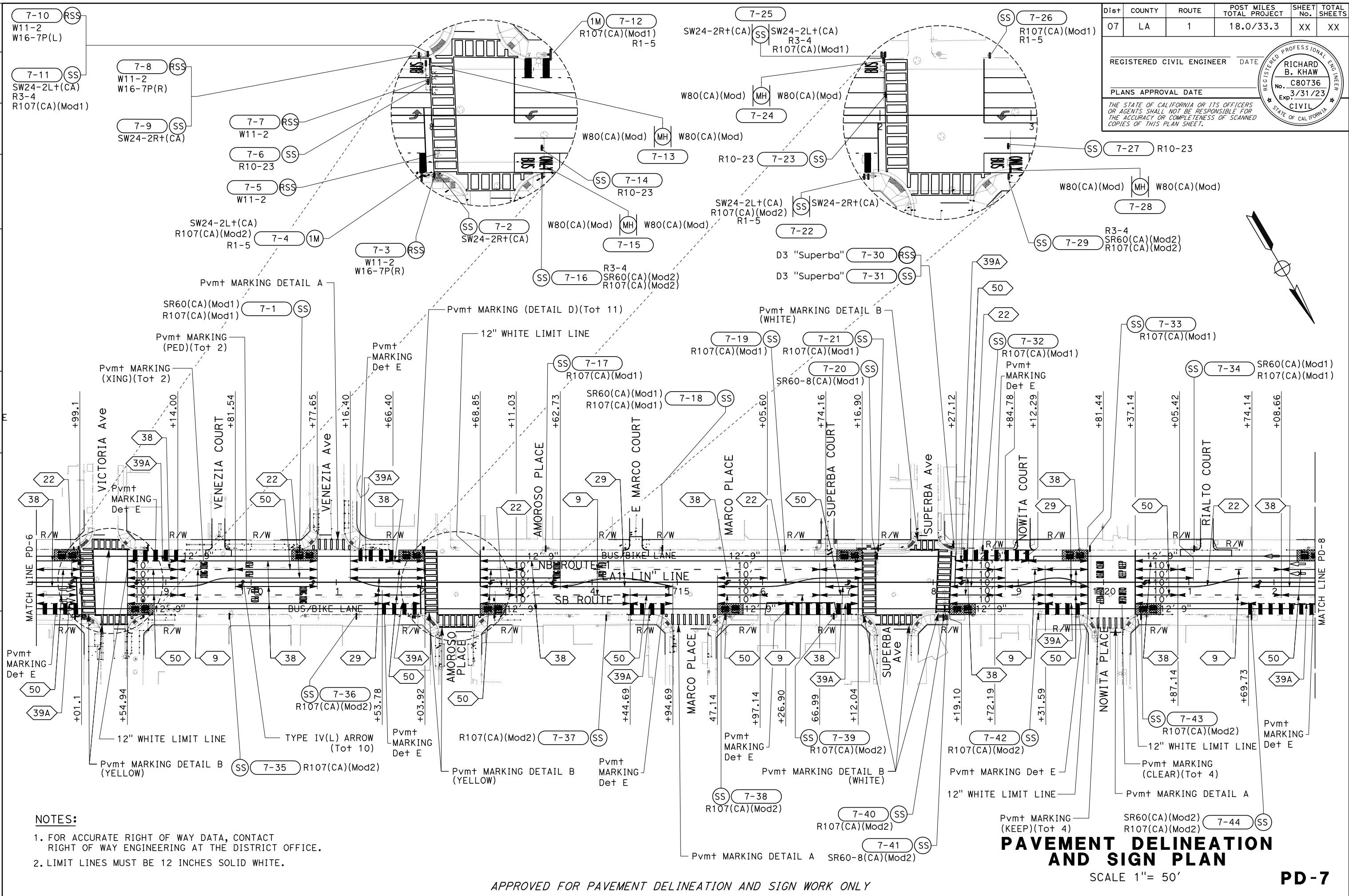
**PAVEMENT DELINEATION AND SIGN PLAN**

SCALE 1" = 50'

**PD-6**

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**TRAFFIC DESIGN**  
 FUNCTIONAL SUPERVISOR: ANH D. NGUYEN  
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	1	18.0/33.3	XX	XX

REGISTERED CIVIL ENGINEER DATE \_\_\_\_\_  
 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  
 RICHARD B. KHAW  
 No. C80736  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA

**NOTES:**  
 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.  
 2. LIMIT LINES MUST BE 12 INCHES SOLID WHITE.

**PAVEMENT DELINEATION AND SIGN PLAN**

SCALE 1" = 50' PD-7

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 FUNCTIONAL SUPERVISOR: ANH D. NGUYEN  
 CALCULATED/DESIGNED BY: JAMES M. CANALITA  
 CHECKED BY: RICHARD B. KHAW  
 REVISED BY: JAMES M. CANALITA  
 DATE REVISED: RICHARD B. KHAW

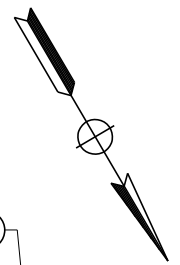
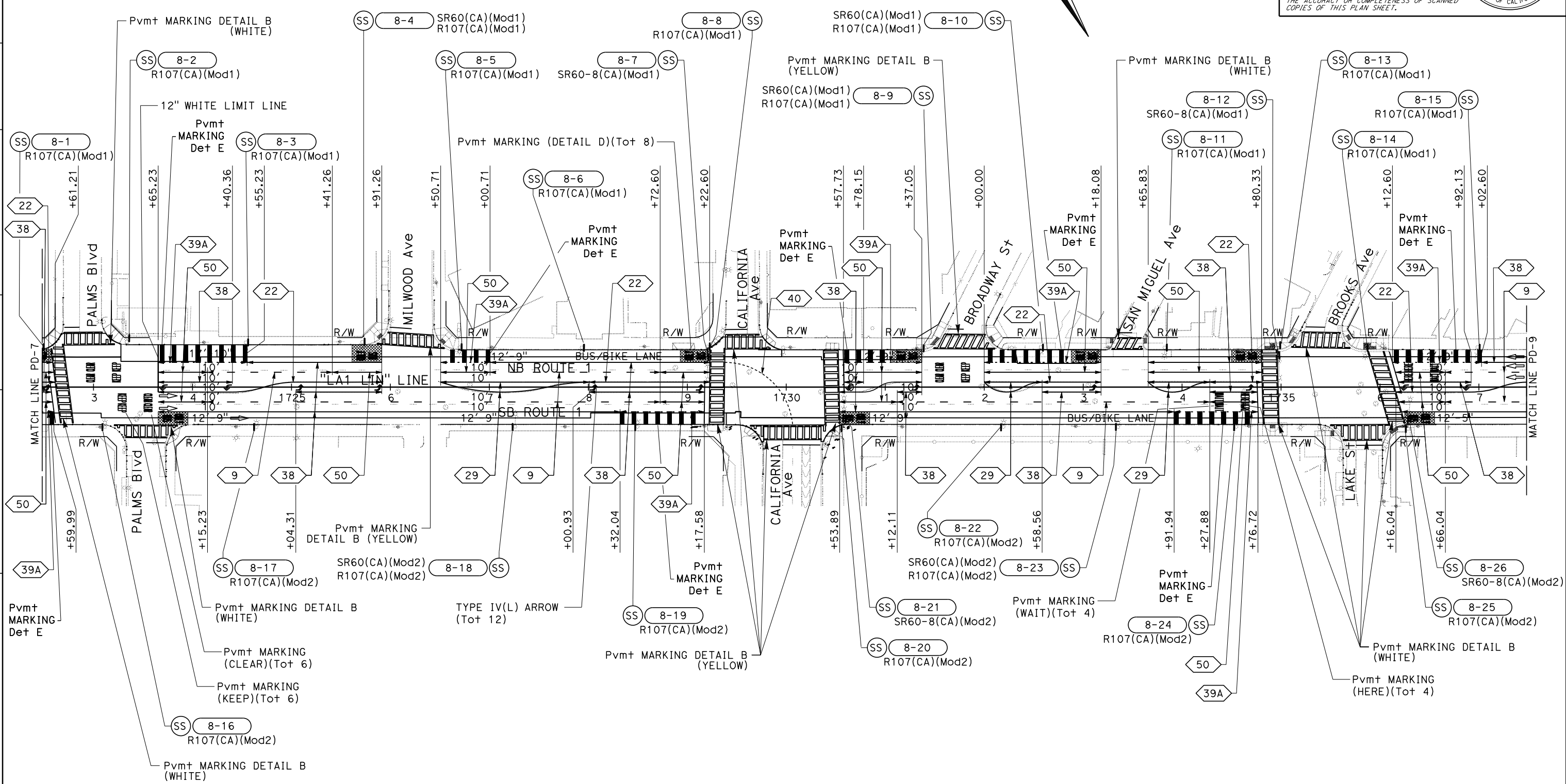
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	1	18.0/33.3	XX	XX

REGISTERED CIVIL ENGINEER DATE: \_\_\_\_\_  
 PLANS APPROVAL DATE: \_\_\_\_\_  
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REGISTERED PROFESSIONAL ENGINEER  
 RICHARD B. KHAW  
 No. C80736  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA



**PAVEMENT DELINEATION AND SIGN PLAN**

SCALE 1" = 50'

**PD-8**

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

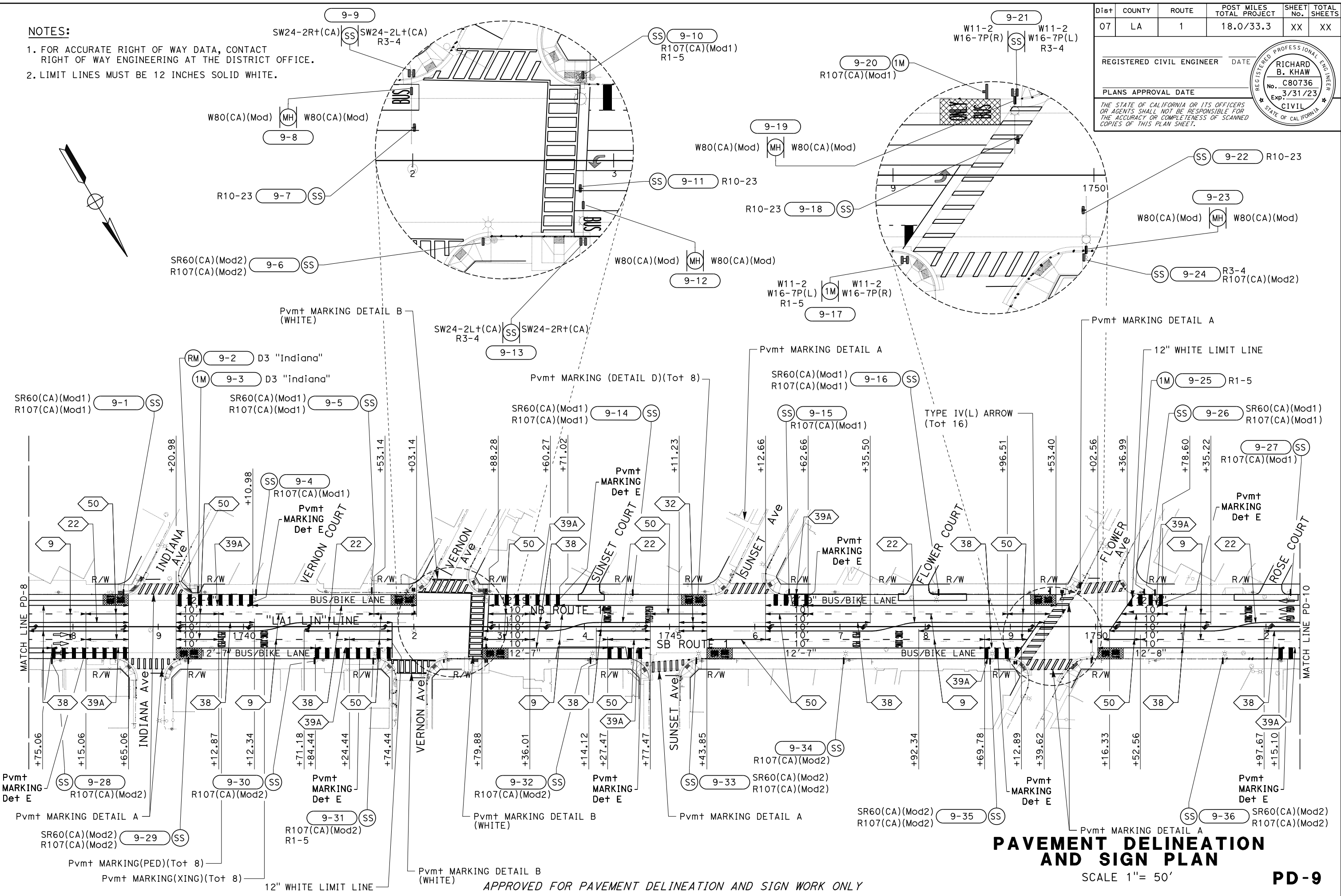
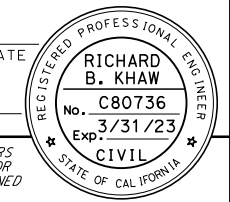
LAST REVISION DATE PLOTTED => 17-DEC-2021 00-00-00 TIME PLOTTED => 16:05

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** TRAFFIC DESIGN  
 FUNCTIONAL SUPERVISOR: ANH D. NGUYEN  
 CALCULATED/DESIGNED BY: JAMES M. CANALITA  
 CHECKED BY: RICHARD B. KHAW  
 REVISOR: JAMES M. CANALITA  
 DATE: 7/2/2010

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	1	18.0/33.3	XX	XX

REGISTERED CIVIL ENGINEER DATE: \_\_\_\_\_  
 PLANS APPROVAL DATE: \_\_\_\_\_  
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**PAVEMENT DELINEATION AND SIGN PLAN**

SCALE 1" = 50' PD-9

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY

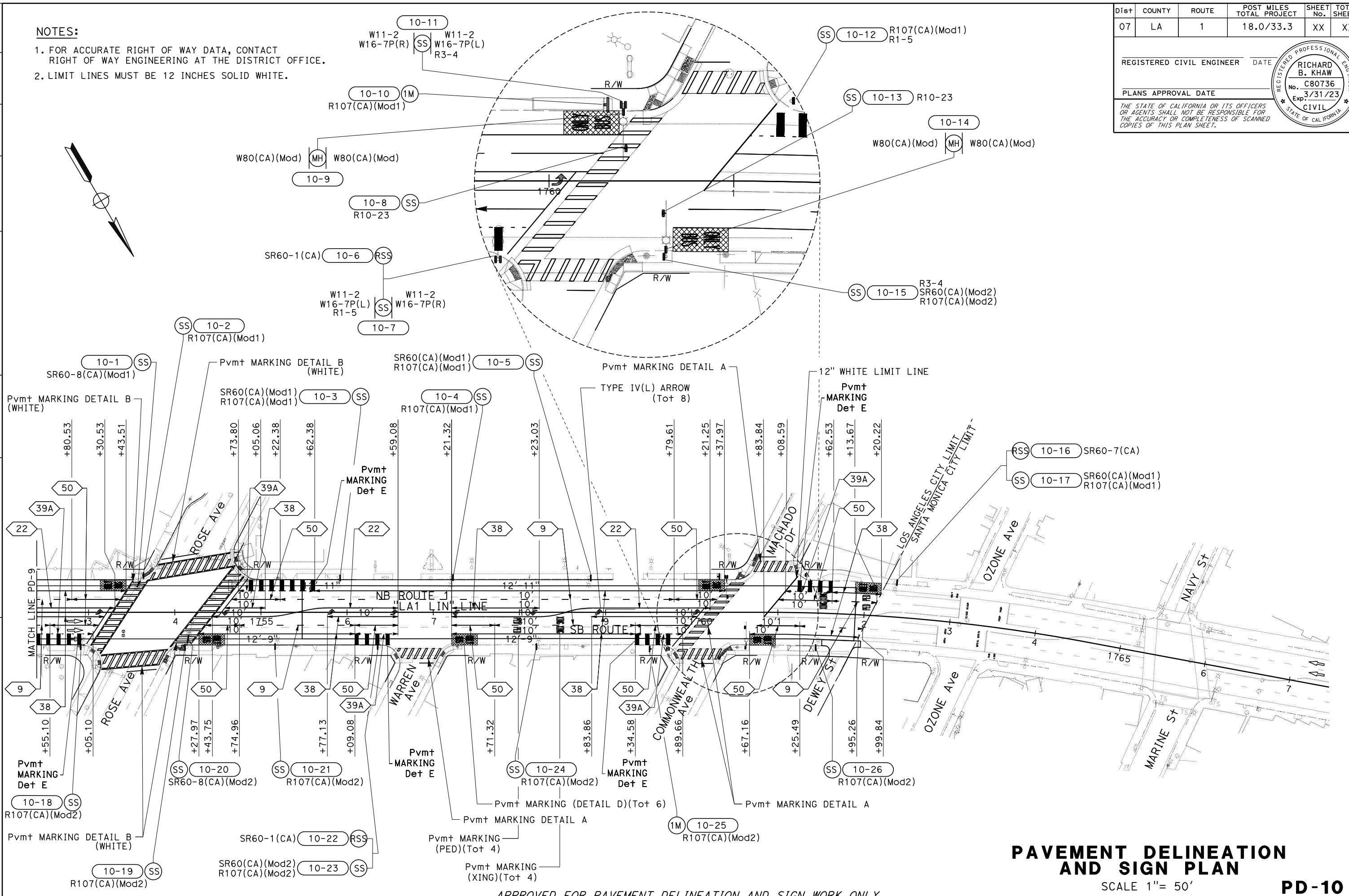
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** TRAFFIC DESIGN  
 FUNCTIONAL SUPERVISOR: ANH D. NGUYEN  
 CALCULATED/DESIGNED BY: JAMES M. CANALITA  
 CHECKED BY: RICHARD B. KHAW  
 REVISOR: JAMES M. CANALITA  
 DATE: [REDACTED]  
 REVISOR: RICHARD B. KHAW  
 DATE: [REDACTED]

**NOTES:**  
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	1	18.0/33.3	XX	XX

REGISTERED CIVIL ENGINEER DATE: [REDACTED]  
 PLANS APPROVAL DATE: [REDACTED]  
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**RICHARD B. KHAW**  
 No. C80736  
 Exp. 3/31/23  
 CIVIL  
 STATE OF CALIFORNIA



**PAVEMENT DELINEATION AND SIGN PLAN**  
 SCALE 1" = 50'  
**PD-10**

APPROVED FOR PAVEMENT DELINEATION AND SIGN WORK ONLY