

INDEX OF PLANS

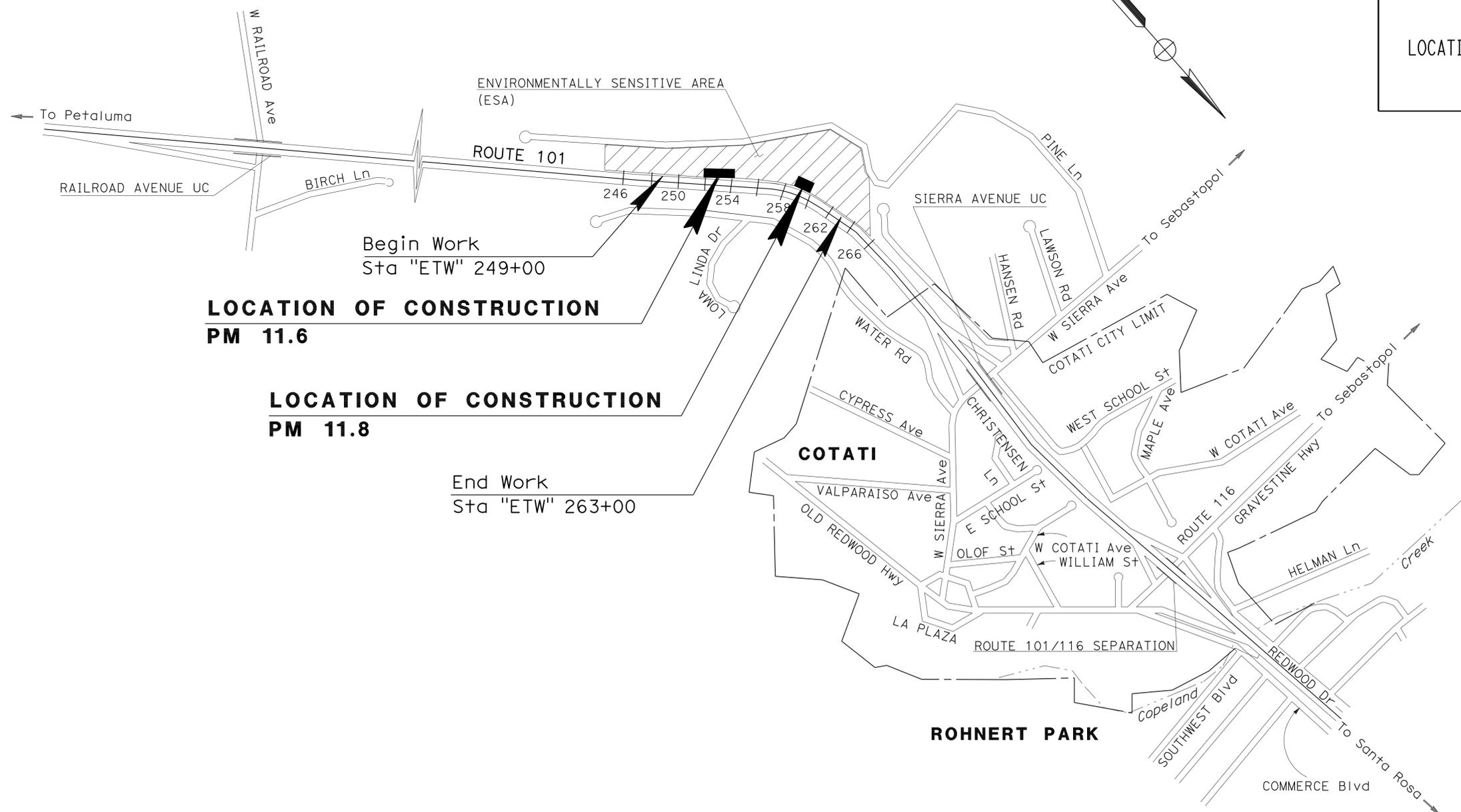
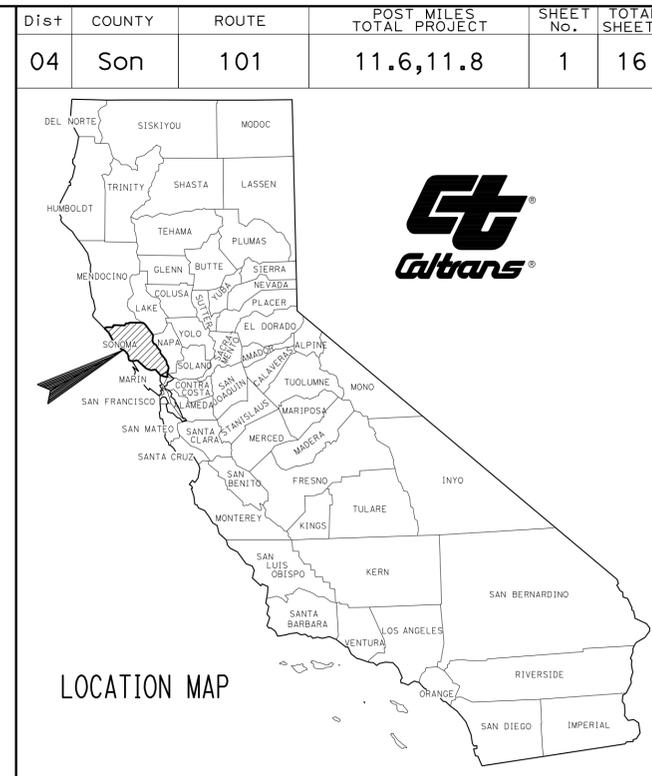
SHEET No.	DESCRIPTION
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THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN SONOMA COUNTY
NEAR COTATI
AT 1.0 MILE NORTH OF
RAILROAD AVENUE UNDERCROSSING
AND AT 0.2 MILE SOUTH OF
SIERRA AVENUE UNDERCROSSING

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



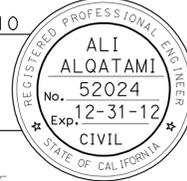
PROJECT MANAGER
JAY HAGHPARAST

DESIGN ENGINEER
RORY QUINCE

Ali Alqatami 7-10-10
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

June 27, 2011
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.



CONTRACT No. **04-4S6404**

PROJECT ID **0400001254**

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

NO SCALE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	101	11.6,11.8	2	16

Ali Alqatami		7-10-10
REGISTERED CIVIL ENGINEER	DATE	
6-27-11		
PLANS APPROVAL DATE		

ALI ALQATAMI	
No. 52024	Exp. 12-31-12
CIVIL	

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:

1. CONCRETE (DITCH LINING) AND EMBANKMENT FROM STATION 259+43.43 TO STATION 259+71.29. SEE SHEET C-2 FOR DETAILS.

ABBREVIATIONS:

CTS CEMENT TREATED SUBBASE
 PSM PERVIOUS SUBBASE MATERIAL
 RAC RUBBERIZED ASPHALT CONCRETE

LEGEND:

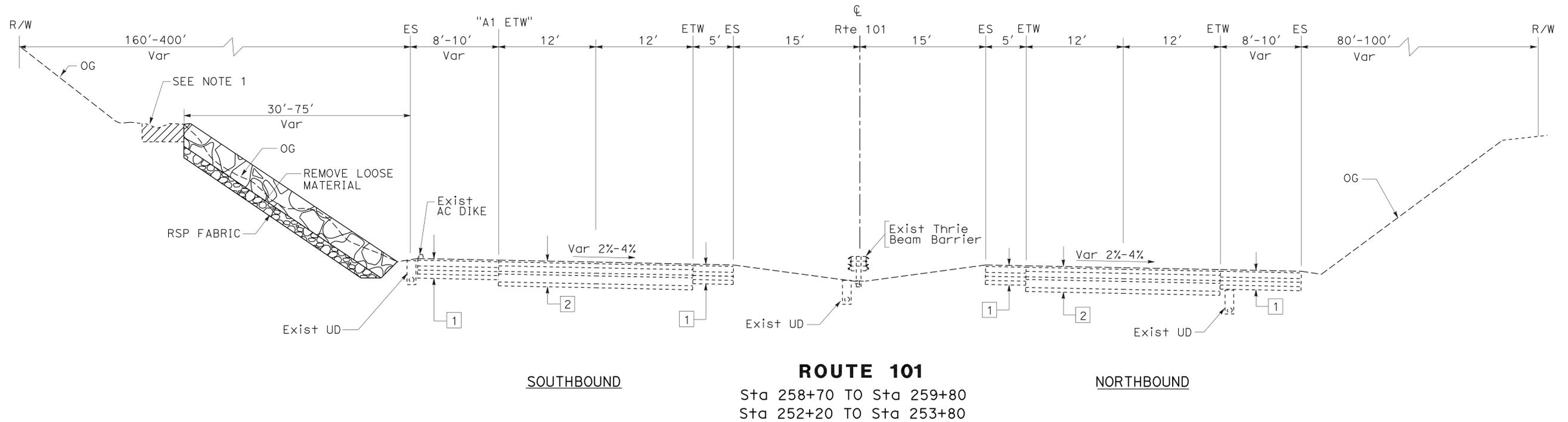
-  RSP (1/2 TON, METHOD A)
-  RSP (BACKING No. 1, METHOD B)
-  EMBANKMENT

- 1

Exist Pvmt
0.20' RAC
(0.70'-0.71') AC
0.50' CTB
0.50' SM
0.50' PSM
- 2

Exist Pvmt
0.20' RAC
0.50' AC
0.67' PCC
0.33' CTS
1.00' SM
0.50' Perm Mtl

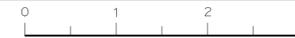
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 06-DESIGN
 Caltrans
 RORY QUINCE
 FERNANDO MORALES
 ALI ALQATAMI
 REVISIONS: []
 REVISOR: []
 DATE: []
 CHECKED BY: []
 DESIGNED BY: []
 CALCULATED BY: []
 FUNCTIONAL SUPERVISOR: []
 SUPERVISOR: []
 DATE: []
 TIME: []



TYPICAL CROSS SECTIONS

NO SCALE

X-1



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	101	11.6,11.8	3	16

Ali Alqatami 7-10-10
 REGISTERED CIVIL ENGINEER DATE
 6-27-11
 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
 ALI ALQATAMI
 No. 52024
 Exp. 12-31-12
 CIVIL
 STATE OF CALIFORNIA

CURVE DATA

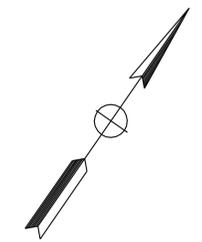
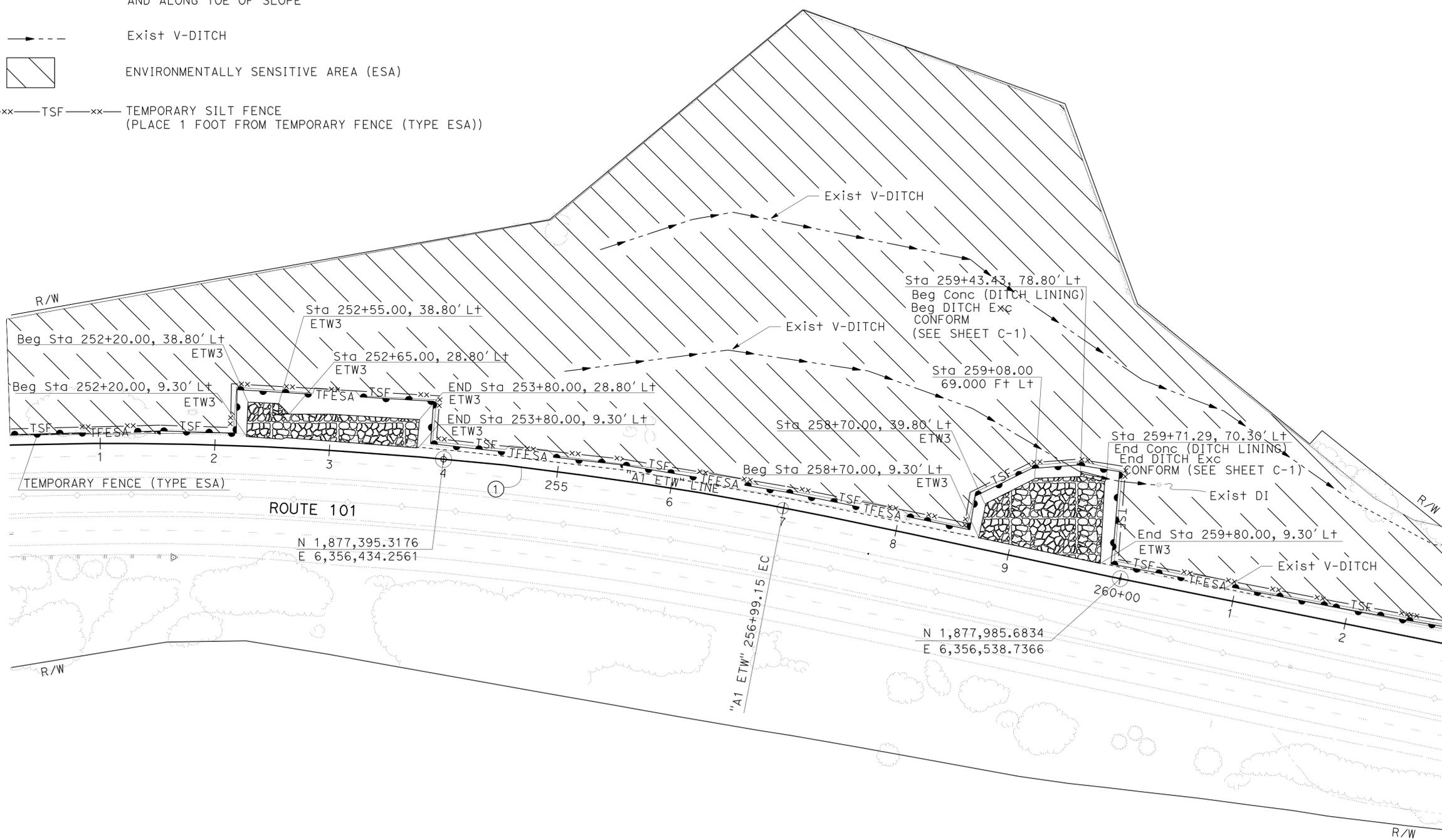
No.	R	Δ	T	L
(1)	3000.000'	45°0'00"	1242.638'	2356.190'

NOTE:

FOR COMPLETE ACCURATE RIGHT OF WAY ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

LEGEND:

-  RSP (1/2 TON, METHOD A) ON RSP (BACKING No. 1, METHOD B)
-  TFESA TEMPORARY FENCE (TYPE ESA), PLACE 10 FEET FROM WORK AREAS AND ALONG TOE OF SLOPE
-  Exist V-DITCH
-  ENVIRONMENTALLY SENSITIVE AREA (ESA)
-  TSF TEMPORARY SILT FENCE (PLACE 1 FOOT FROM TEMPORARY FENCE (TYPE ESA))



LAYOUT

SCALE: 1" = 50'

L-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 06-DESIGN
 Caltrans®
 RORY QUINCE
 FERNANDO MORALES
 ALI ALQATAMI
 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
04	Son	101	11.6,11.8	4	16

Ali Alqatami	7-10-10
REGISTERED CIVIL ENGINEER	DATE
6-27-11	
PLANS APPROVAL DATE	

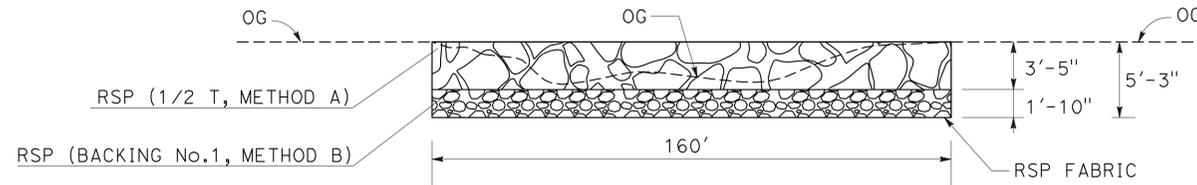
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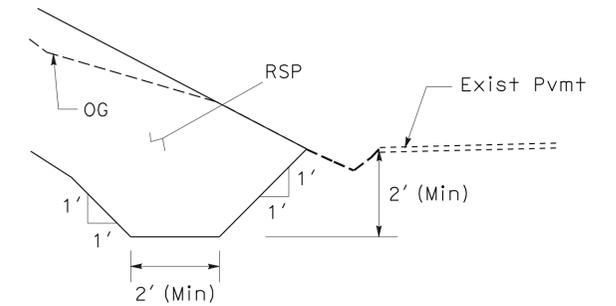
-  RSP (1/2 TON, METHOD A)
-  RSP (BACKING No. 1, METHOD B)
-  CONCRETE (DITCH LINING)
-  EMBANKMENT

ABBREVIATION:

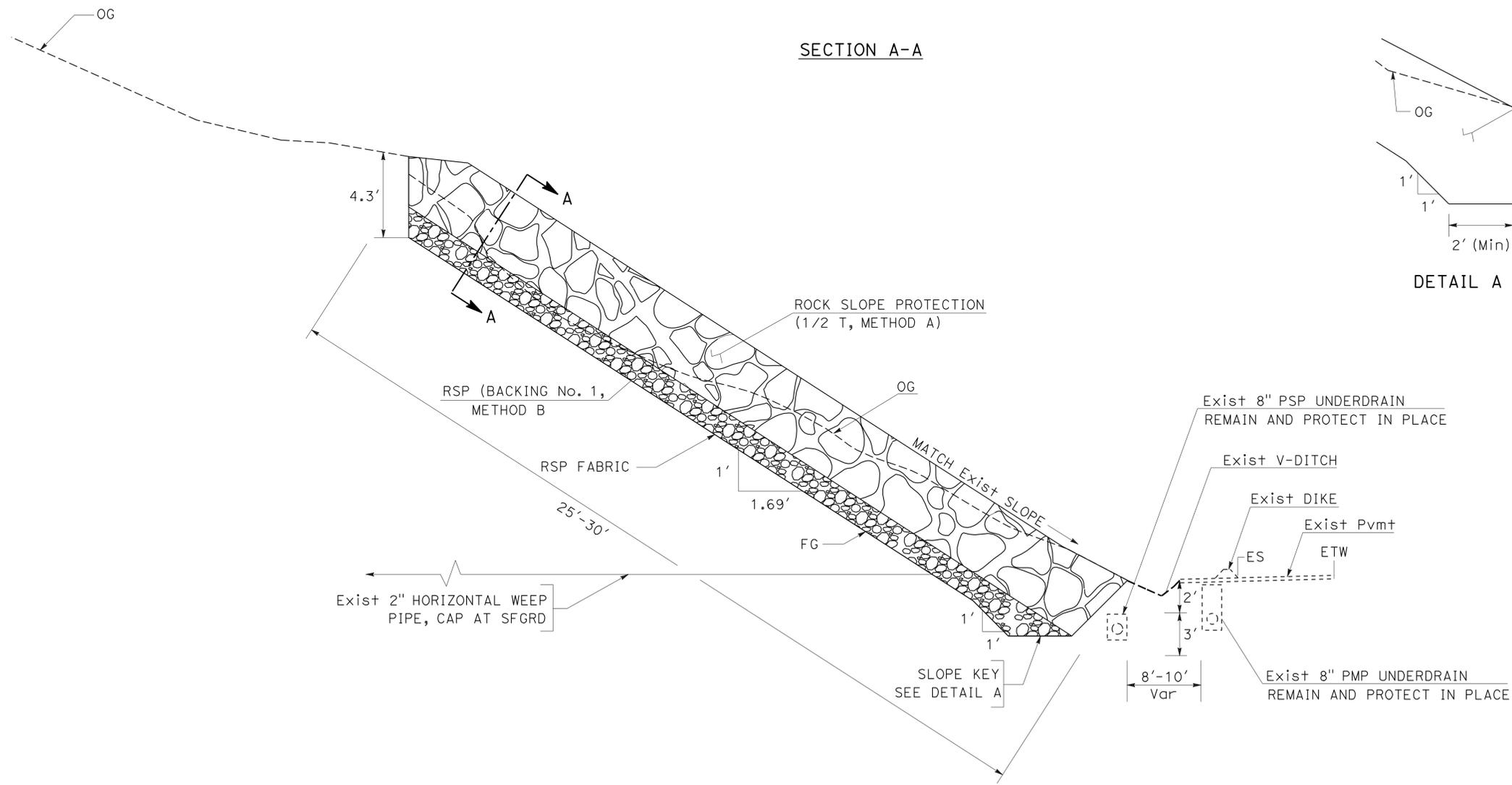
PMP - PERFORATED METAL PIPE



SECTION A-A



DETAIL A (SLOPE KEY)



RSP TYPICAL SECTION

Sta 252+20 TO Sta 253+80

CONSTRUCTION DETAILS

NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	06-DESIGN
Caltrans	
FUNCTIONAL SUPERVISOR	RORY QUINCE
CALCULATED/DESIGNED BY	CHECKED BY
FERNANDO MORALES	ALI ALQATAMI
REVISOR	DATE
REVISOR	DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	101	11.6,11.8	7	16

<i>S. M.</i>	3-17-11
REGISTERED CIVIL ENGINEER	DATE
6-27-11	
PLANS APPROVAL DATE	

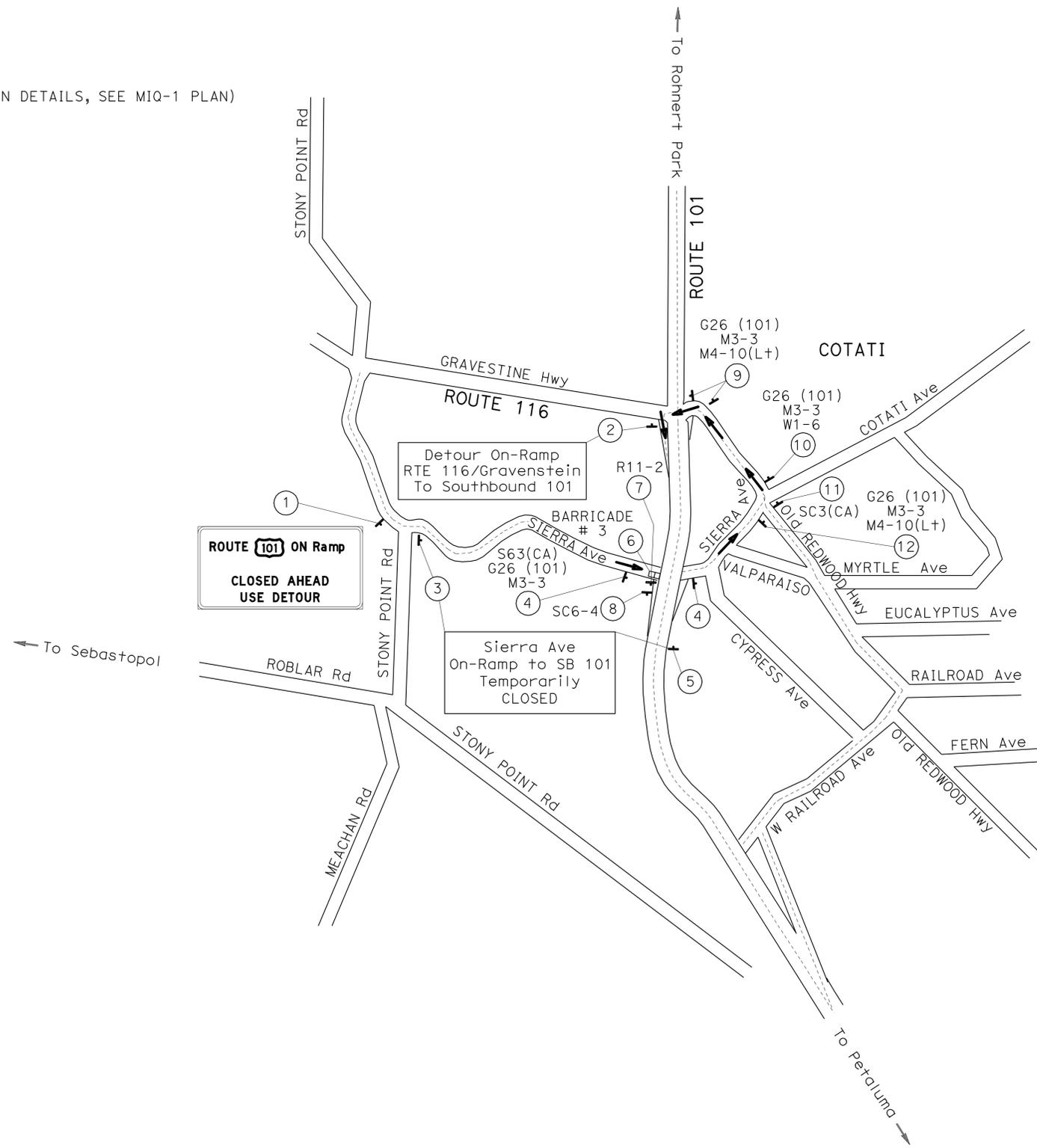
REGISTERED PROFESSIONAL ENGINEER
FAWZI YAGHMOUR
No. 54750
Exp. 12-31-11
CIVIL

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:**
1. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
 2. FOR ADDITIONAL CONSTRUCTION AREA SIGNS, SEE CONSTRUCTION AREA SIGNS AND TRAFFIC HANDLING PLANS.
 3. DETOUR FOR CLOSURE OF SOUTHBOUND ROUTE 101 ON-RAMP ONLY.
 4. TRAFFIC TO TRAVEL EAST ON SIERRA Ave, LEFT ON NORTHBOUND OLD REDWOOD HIGHWAY TO LEFT ON ROUTE 116/GRAVENSTEIN HIGHWAY TO LEFT AT GRAVENSTEIN ON-RAMP.

LEGEND:

- DIRECTION OF TRAVEL
- ↑ ONE POST
- ⊗ ROADSIDE SIGN No. (FOR SIGN DETAILS, SEE MIQ-1 PLAN)
- ▣ BARRICADE



NOTE: SIGN DETAILS
SPECIAL SIGN (A)



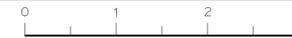
4 INCH CAP D
BLACK ON WHITE
70" x 36"

**MOTORIST INFORMATION PLAN
(DETOUR No.1 LAYOUT FOR RAMP CLOSURE)**

NO SCALE

MI-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans 06-TRAFFIC DESIGN	DAVID BLACK	3-17-11
	GURMIT GILL	6-27-11
	MOHAMMED GATAMI	



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	101	11.6,11.8	8	16

3-17-11
 REGISTERED CIVIL ENGINEER DATE
 6-27-11
 PLANS APPROVAL DATE

FAWZI YAGHMOUR
 No. 54750
 Exp. 12-31-11
 CIVIL

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.

CONSTRUCTION AREA SIGNS (STATIONARY-MOUNTED)

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE	No. OF POST AND SIZE	SIGN MESSAGE	No. OF SIGNS
MI-1	①	SPECIAL SIGN (A)	70" x 36"	1-6" x 6"	SBON-RAMP CLOSED AHEAD USE DETOUR	1
	②	SPECIAL SIGN (A)	70" x 36"	1-6" x 6"	DETOUR ON-RAMP RTE 116/GRAVENSTEIN TO SOUTHBOUND 101	1
	③	SPECIAL SIGN (A)	70" x 36"	1-6" x 6"	SIERRE AVE ON-RAMP TO SB 101 TEMPORARILY CLOSED	1
	④	S63(CA)	30" x 15"	1-6" x 6"	DETOUR ARROW (LEFT) STATE ROUTE SHIELD (101 CA) SOUTH	2
		G26-1(101)CA	25" x 28"			
		M3-3	30" x 15"			
	⑤	SPECIAL SIGN (A)	70" x 36"	1-6" x 6"	SIERRE AVE ON-RAMP TO SB 101 TEMPORARILY CLOSED	1
	⑥	TYPE -3 BARRICADES			BARRICADE # 3	1
	⑦	R11-2	48" x 30"	1-4" x 6"	ROAD CLOSED	1
	⑧	SC6-4	36" x 48"	1-4" x 6"	RAMP CLOSED	1
	⑨	G26-1(101)CA	25" x 28"	1-6" x 6"	STATE ROUTE SHIELD (101 CA)	2
		M3-3	30" x 15"		SOUTH	
M4-10(L+)		36" x 36"	DETOUR ARROW (LEFT)			
⑩	G26-1(101)CA	25" x 28"	1-6" x 6"	STATE ROUTE SHIELD (101 CA)	1	
	M3-3	30" x 15"		SOUTH		
	W1-6	30" x 15"		DETOUR ARROW (LEFT)		
⑪	SC3(CA)	36" x 12"	1-4" x 6"	DETOUR AHEAD	1	
⑫	G26-1(101)CA	25" x 28"	1-6" x 6"	STATE ROUTE SHIELD (101 CA)	1	
	M3-3	30" x 15"		SOUTH		
	M4-10(L+)	36" x 36"		DETOUR ARROW (LEFT)		
		TOTAL				14

- NOTES: 1. EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER
 2. FOR ADDITIONAL CONSTRUCTION AREA SIGNS, SEE CONSTRUCTION AREA SIGNS AND TRAFFIC HANDLING PLANS.

**MOTORIST INFORMATION
 QUANTITIES
 MIQ-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-TRAFFIC DESIGN

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	101	11.6,11.8	9	16

REGISTERED CIVIL ENGINEER	DATE	3-17-11
PLANS APPROVAL DATE		6-27-11

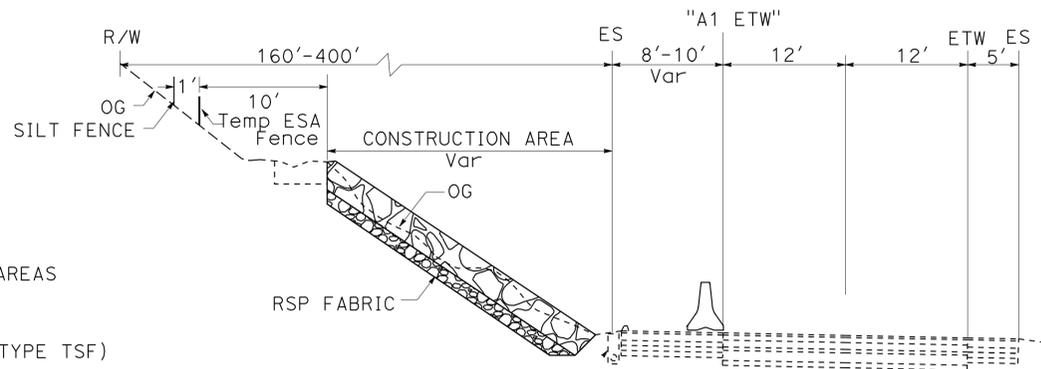
REGISTERED PROFESSIONAL ENGINEER	No.	54750
	Exp.	12-31-11
CIVIL		

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.

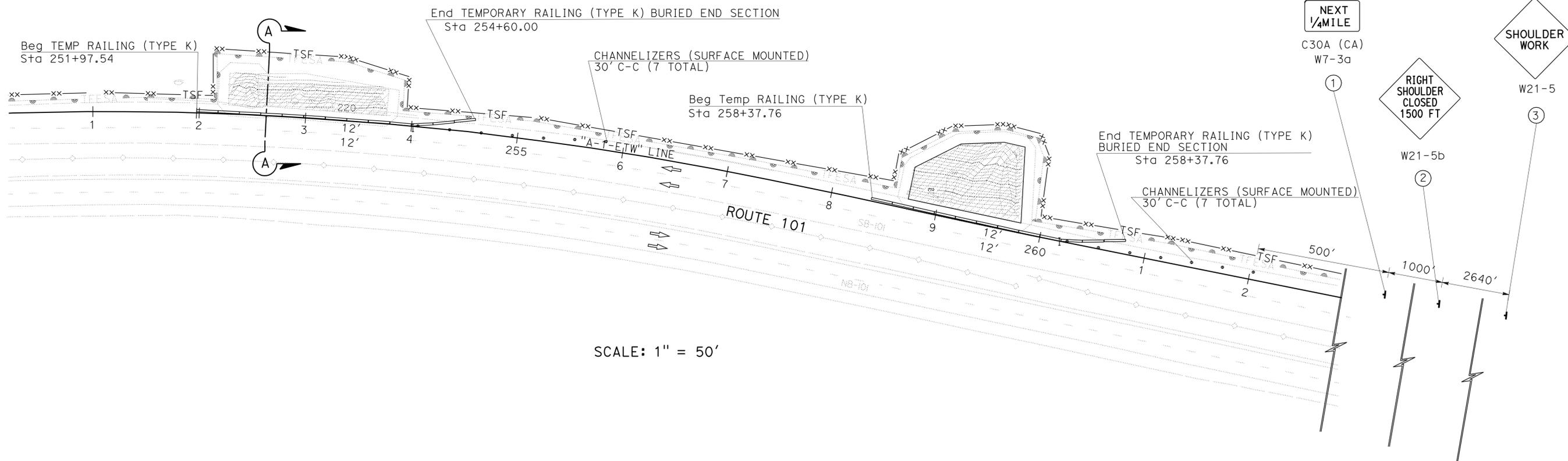
- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT DISTRICT OFFICE.
 - EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER.
 - FOR ADDITIONAL CONSTRUCTION AREA SIGNS, SEE CONSTRUCTION AREA SIGNS AND MOTORIST INFORMATION PLANS.

LEGEND:

-  CONSTRUCTION AREA
-  DIRECTION OF TRAVEL
-  TEMPORARY RAILING (TYPE K)
-  CHANNELIZER (SURFACE MOUNTED)
-  TFESA TEMPORARY FENCE (TYPE ESA), PLACE 10 FEET FROM WORK AREAS AND ALONG TOE OF SLOPE
-  TSF TEMPORARY SILT FENCE, PLACE 1 FOOT FROM Temp FENCE (TYPE TSF)



SOUTHBOUND
SECTION A-A
NO SCALE



SCALE: 1" = 50'

TRAFFIC HANDLING PLAN
SCALE AS SHOWN
TH-1

THIS PLAN ACCURATE FOR TRAFFIC HANDLING WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06 - TRAFFIC DESIGN

REVISOR: DAVID BLACK, GURMIT GILL
CALCULATED/DESIGNED BY: MOHAMMED QATAMI
CHECKED BY:

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06 - TRAFFIC DESIGN
 FUNCTIONAL SUPERVISOR: MOHAMMED QATAMI
 CALCULATED/DESIGNED BY: DAVID BLACK
 CHECKED BY: GURMIT GILL
 REVISED BY: DAVID BLACK
 DATE REVISED:

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	101	11.6,11.8	10	16

3-17-11
 REGISTERED CIVIL ENGINEER DATE

6-27-11
 PLANS APPROVAL DATE

FAWZI YAGHMOUR
 No. 54750
 Exp. 12-31-11
 CIVIL

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.

CONSTRUCTION AREA SIGNS (STATIONARY-MOUNTED)

LOCATION	SHEET No.	STAGE	SIGN No.	SIGN CODE	PANEL SIZE	No. OF POST AND SIZE	SIGN MESSAGE
101 SB	TH-1	1	①	C30A (CA)	48" x 48"	1 - 6" x 6"	SHOULDER CLOSED
				W7-3a	36" x 18"		NEXT 1/4 MILE
			②	W21-5b	48" x 48"	1 - 4" x 6"	RIGHT SHOULDER CLOSED 1500 FT
			③	W21-5	48" x 48"	1 - 4" x 6"	SHOULDER WORK

NOTES:

- EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER.
- FOR ADDITIONAL CONSTRUCTION AREA SIGNS, REFER TO CONTRUCTION AREA SIGNS AND MOTORIST INFORMATION PLANS.

TEMPORARY RAILING (TYPE K)

LOCATION	SHEET No.	TEMPORARY RAILING (TYPE K)
101 SB	TH-1	LF 500
TOTAL		500

TEMPORARY PAVEMENT DELINEATION

LOCATION	SHEET No.	CHANNELIZER (SURFACE MOUNTED)
101 SB	TH-1	EA 14
TOTAL		14

TRAFFIC HANDLING QUANTITIES THQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans 06-DESIGN
 FUNCTIONAL SUPERVISOR RORY QUINCE
 CALCULATED/DESIGNED BY CHECKED BY
 FERNANDO MORALES ALI ALOATAMI
 REVISED BY DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Son	101	11.6,11.8	11	16

Ali Alotami 7-10-10
 REGISTERED CIVIL ENGINEER DATE
 6-27-11
 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.

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

SLOPE PROTECTION QUANTITIES

DIRECTION	STATION LIMITS	CONCRETE (DITCH LINING) CY	DITCH EXCAVATION CY	CAP Exist HORIZONTAL DRAIN (N) EA	ROCK SLOPE PROTECTION (1/2TON, METHOD A) CY	ROCK SLOPE PROTECTION (BACKING No.1, METHOD B) CY	ROCK SLOPE PROTECTION FABRIC SQYD
SB	252+20.00 TO 253+80.00			3	740	250	475
SB	258+70.00 TO 259+80.00			3	1,040	450	725
SB	259+43.43 TO 259+71.29	5	3				
TOTAL		5	3		1,780	700	1,200

TEMPORARY FENCE (TYPE ESA)

SHEET No.	LF
L-1	1,460
TOTAL	1,460

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

DIRECTION	STATION LIMITS	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY CONSTRUCTION ENTRANCE	TEMPORARY SILT FENCE
		EA	EA	LF
SB SR 101	252+00.00 TO 260+20.00	5	2	1460
TOTAL		5	2	1460

EARTHWORK QUANTITIES

DIRECTION	STATION LIMITS	REMOVE SLIDE MATERIAL (N) CY	EMBANKMENT (N) CY
SB	259+43.43 TO 259+71.29	740	8

**SUMMARY OF QUANTITIES
 Q-1**

LAST REVISION DATE PLOTTED => 22-JUN-2011 03-16-11 TIME PLOTTED => 17:00

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	101	11.6,11.8	12	16

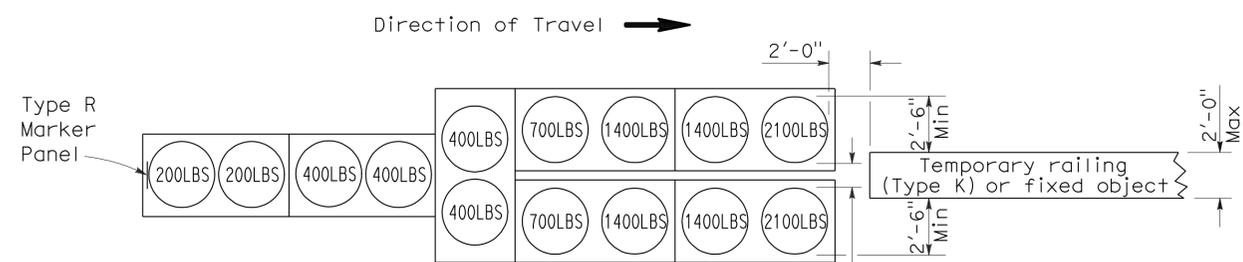
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

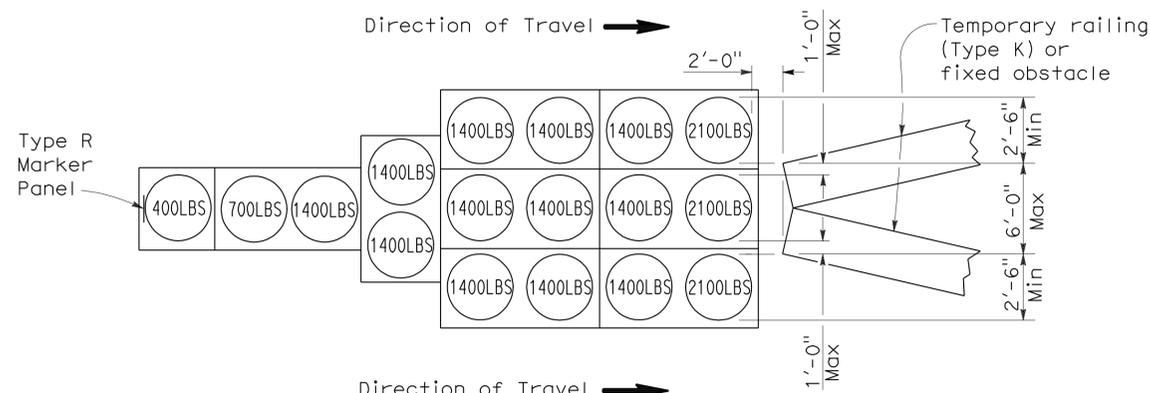
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To accompany plans dated 6-27-11



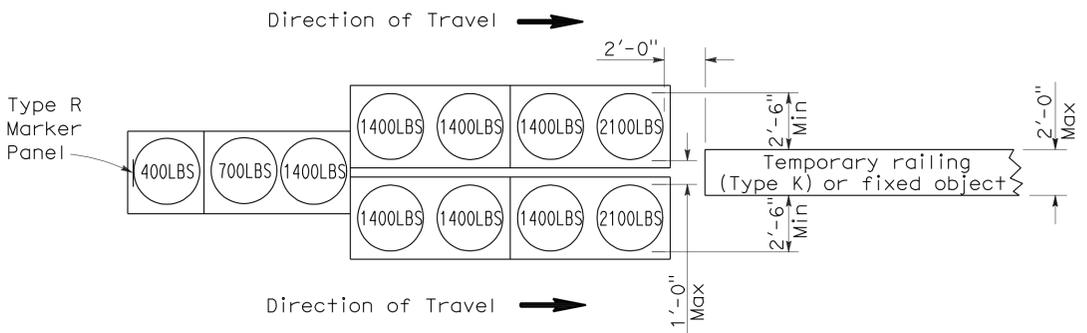
ARRAY 'TU14'

Approach speed 45 mph or more



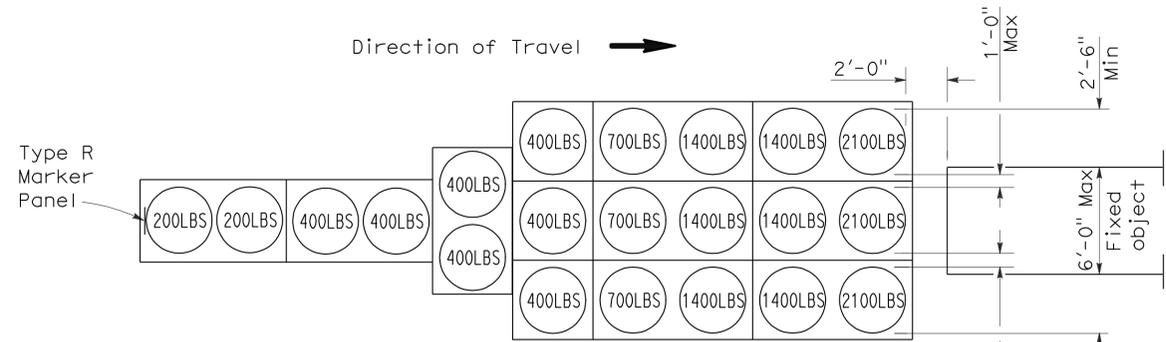
ARRAY 'TU17'

Approach speed less than 45 mph



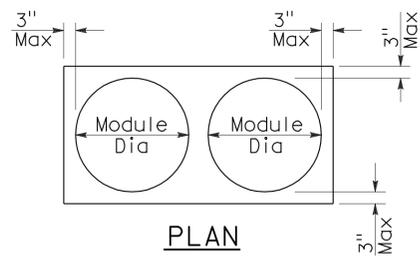
ARRAY 'TU11'

Approach speed less than 45 mph

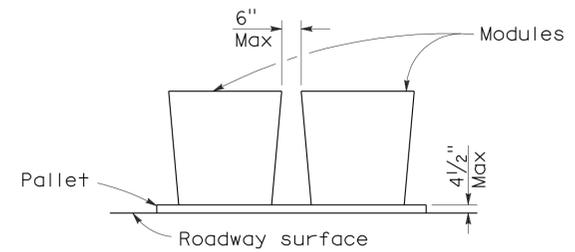


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

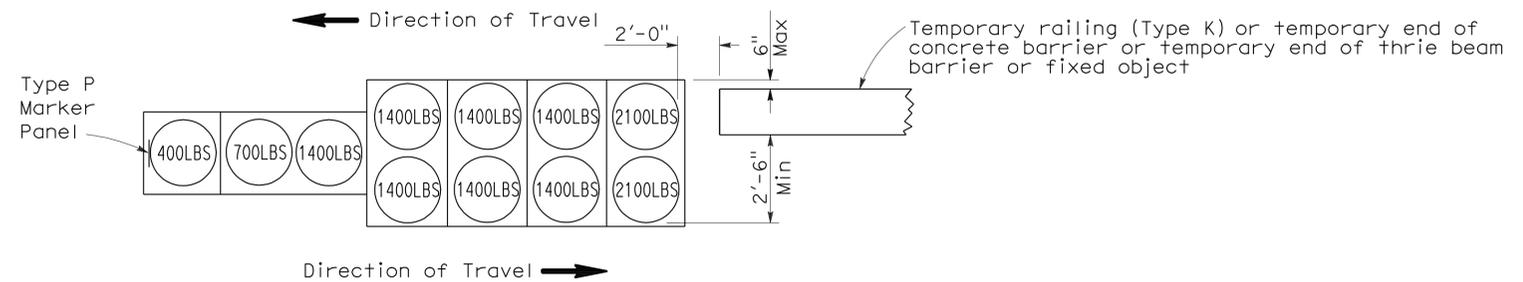
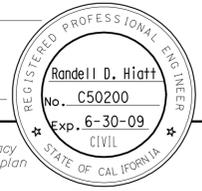
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	101	11.6,11.8	13	16

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

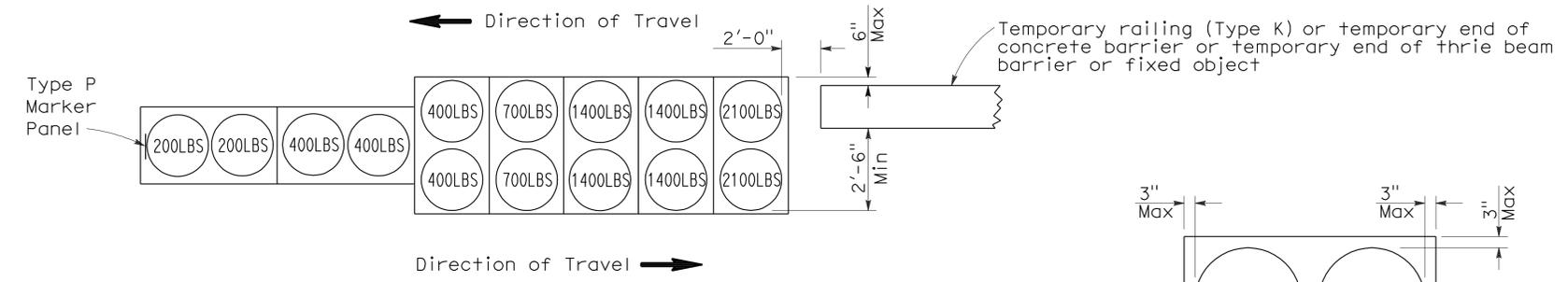
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To accompany plans dated 6-27-11



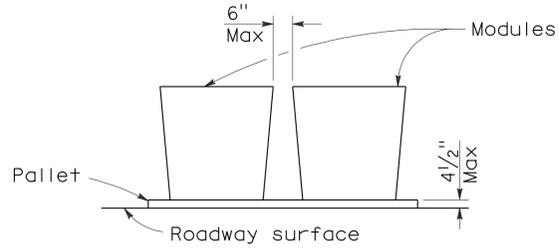
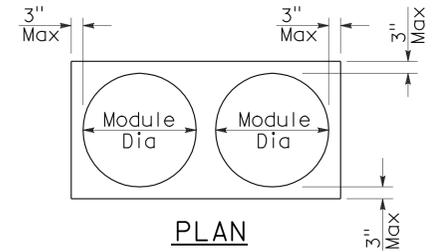
ARRAY 'TB11'

Approach speed less than 45 mph



ARRAY 'TB14'

Approach speed 45 mph or more



CRASH CUSHION PALLET DETAIL
See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(BIDIRECTIONAL)**
NO SCALE

RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

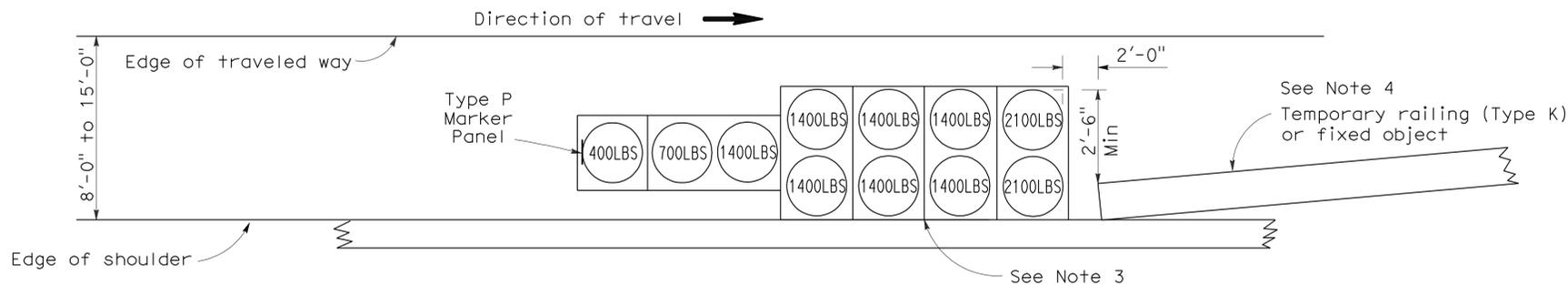
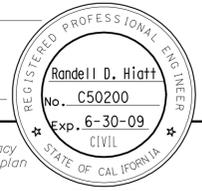
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	101	11.6,11.8	14	16

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

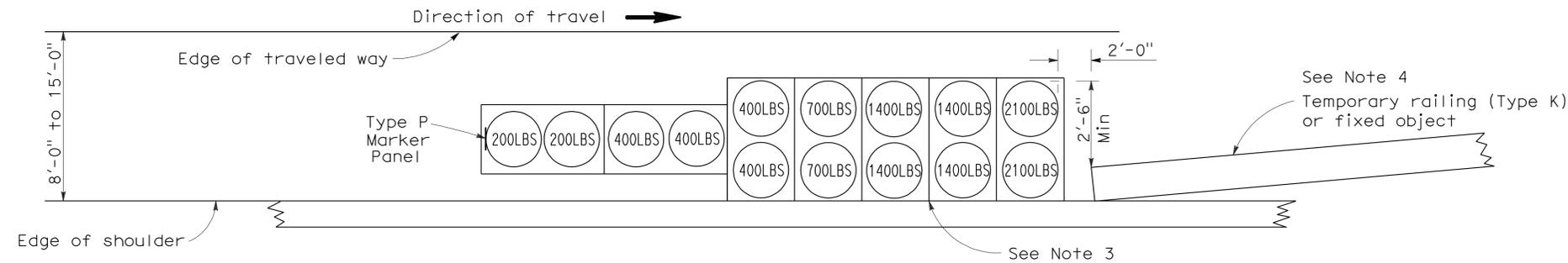
June 6, 2008
PLANS APPROVAL DATE

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To accompany plans dated 6-27-11



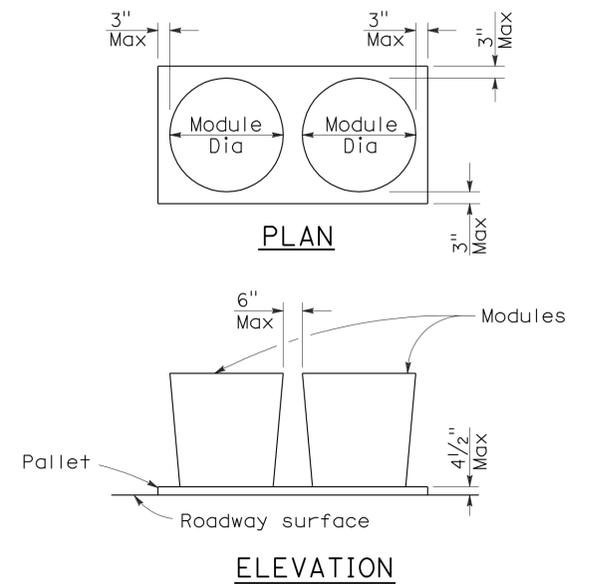
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



ARRAY 'TS14'
Approach speed 45 mph or more
See Note 9

NOTES:

- (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
- All sand weights are nominal.
- The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
- If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
- Refer to Standard Plan A73B for marker details.
- For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- Use of pallets is optional.



CRASH CUSHION PALLET DETAIL
See Note 11

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

NO SCALE
RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	101	11.6,11.8	15	16

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT

August 15, 2008
 PLANS APPROVAL DATE

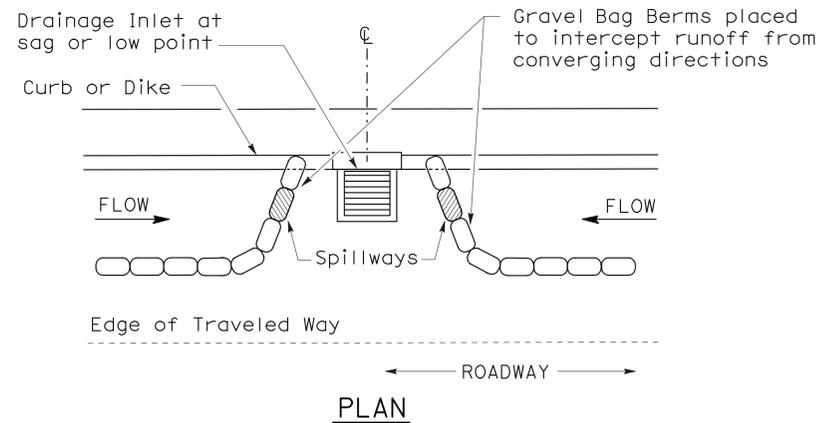
Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 Signature: 11-04-08
 Renewal Date: 08-11-08
 Date

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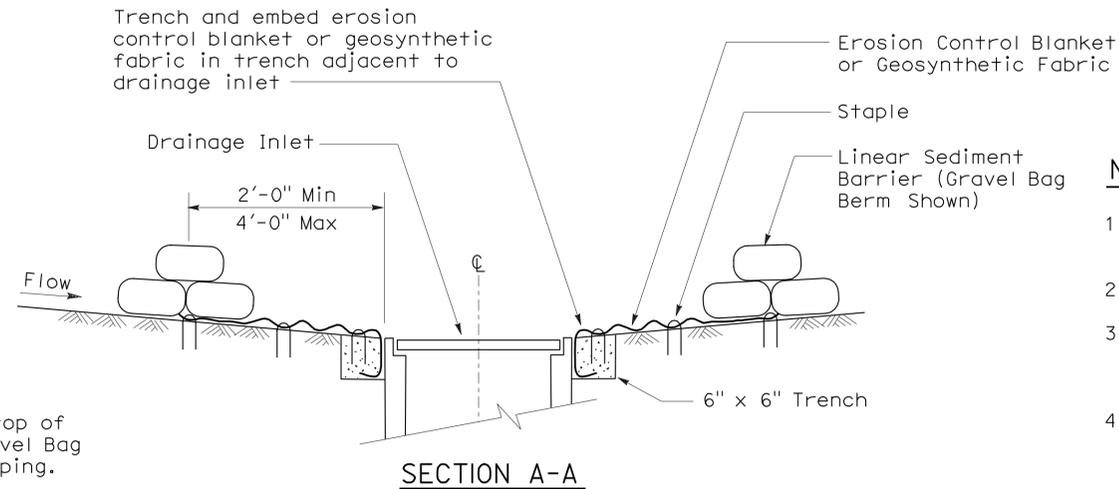
GRAVEL BAG BERM (TYPE 3A) SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	1 to 3.9	4 to 5.9	6 to 7.9	8 to 10	10+
INTERVAL BETWEEN BERM	100'	75'	50'	25'	12'

For slope of less than 1%, install barriers only if erosion/sediment is prevalent



PLAN
CONFIGURATION FOR SAG POINT INLET (GRAVEL BAG BERM)

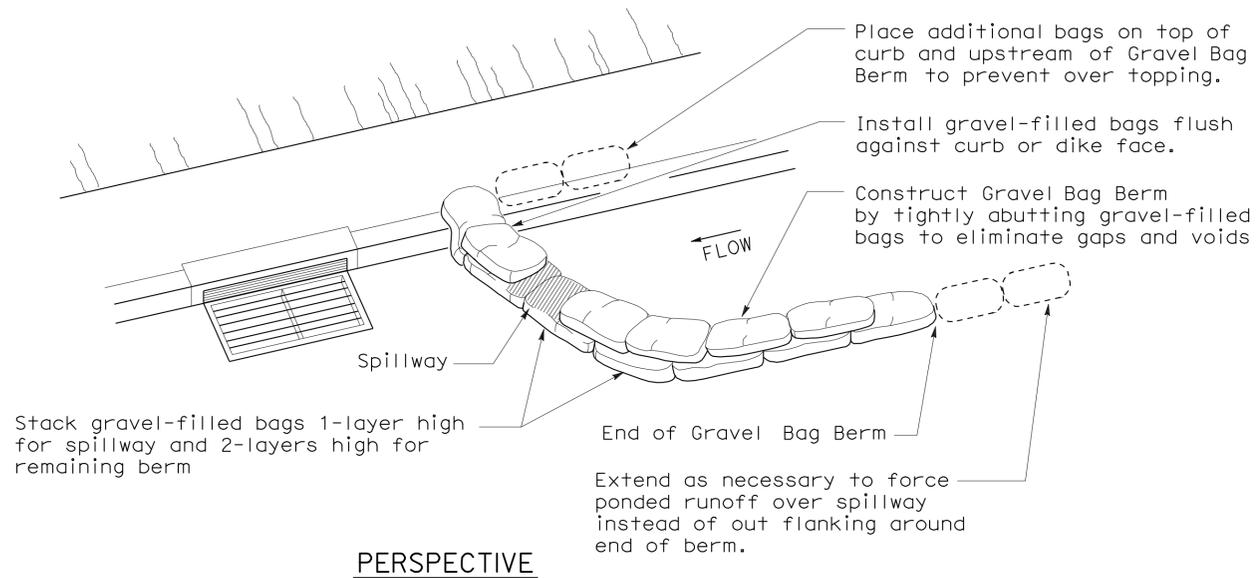


SECTION A-A

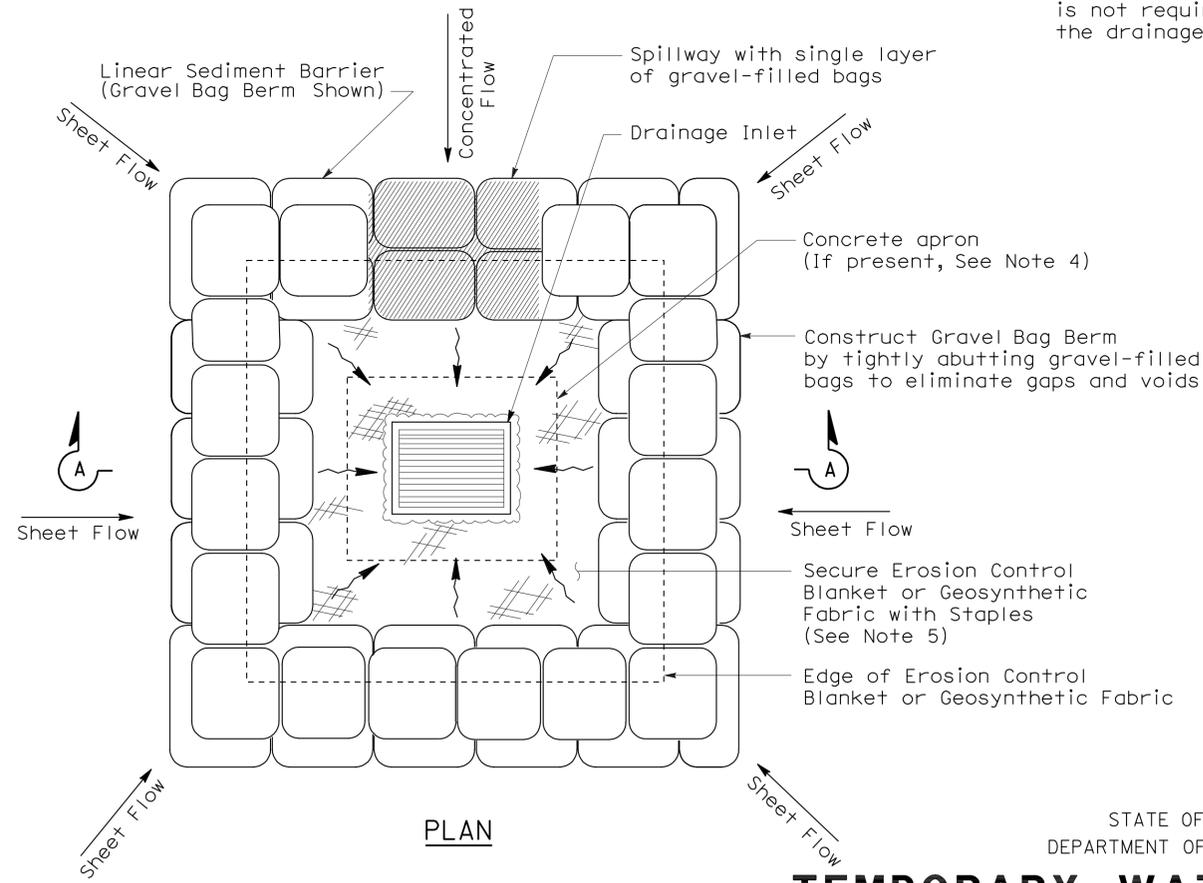
NOTES:

1. Place safety cones adjacent to drainage inlet protection.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 gravel bag berms upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated or paved.

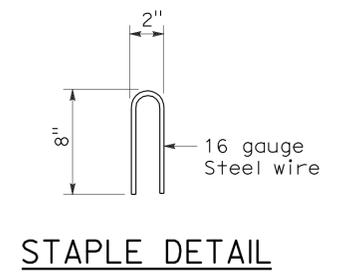
To accompany plans dated 6-27-11



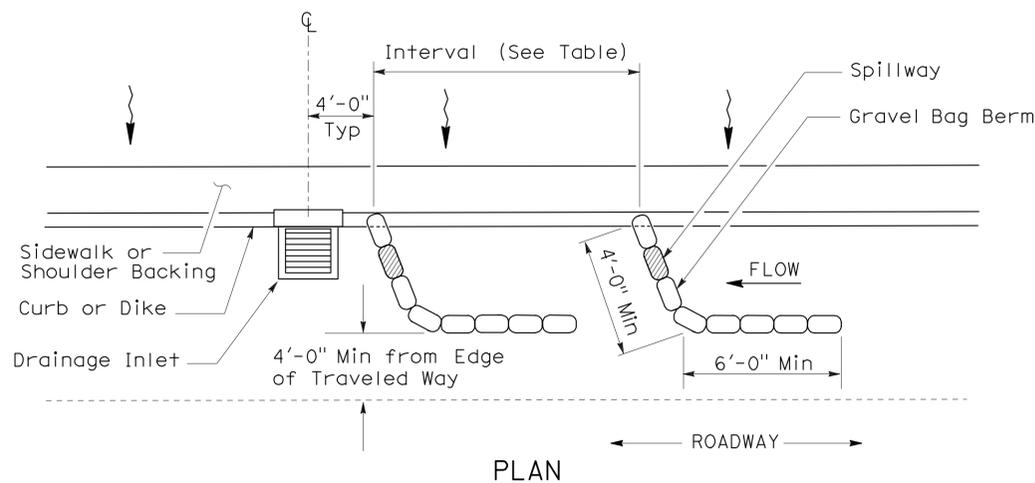
PERSPECTIVE



PLAN
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3B)



STAPLE DETAIL



PLAN
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3A) (GRAVEL BAG BERM)

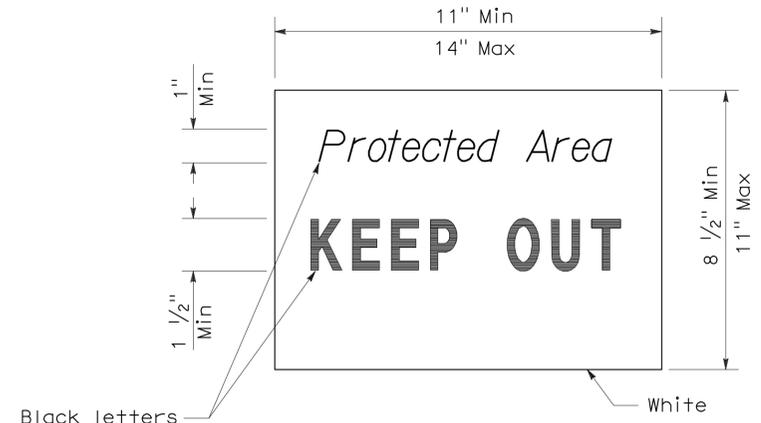
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

NO SCALE
NSP T62 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Son	101	11.6,11.8	16	16

Robert B. Schott
 LICENSED LANDSCAPE ARCHITECT
 April 3, 2009
 PLANS APPROVAL DATE
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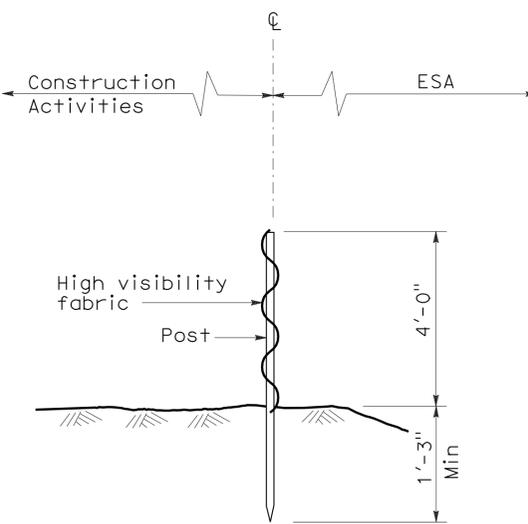


SIGN DETAIL

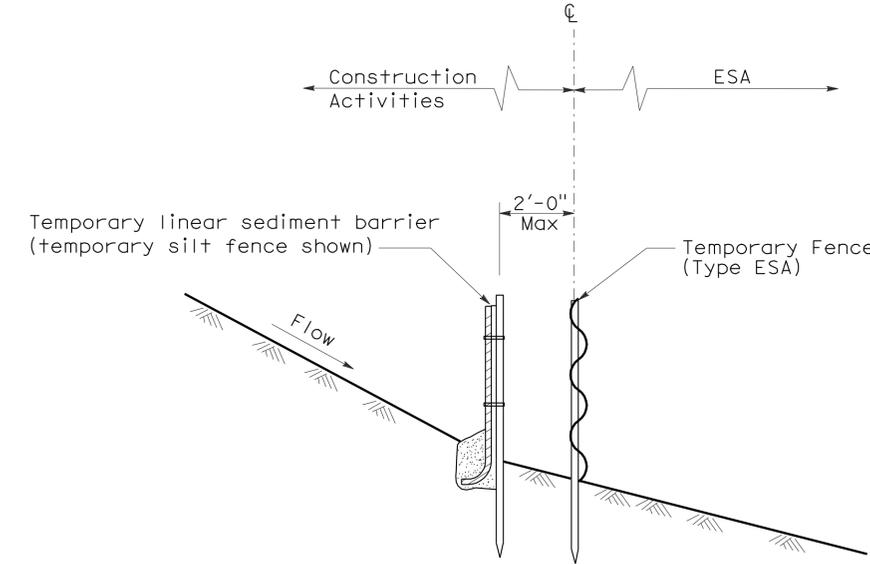
To accompany plans dated 6-27-11

NOTE:

1. Temporary silt fence and temporary straw bale barrier shown for reference purposes only.

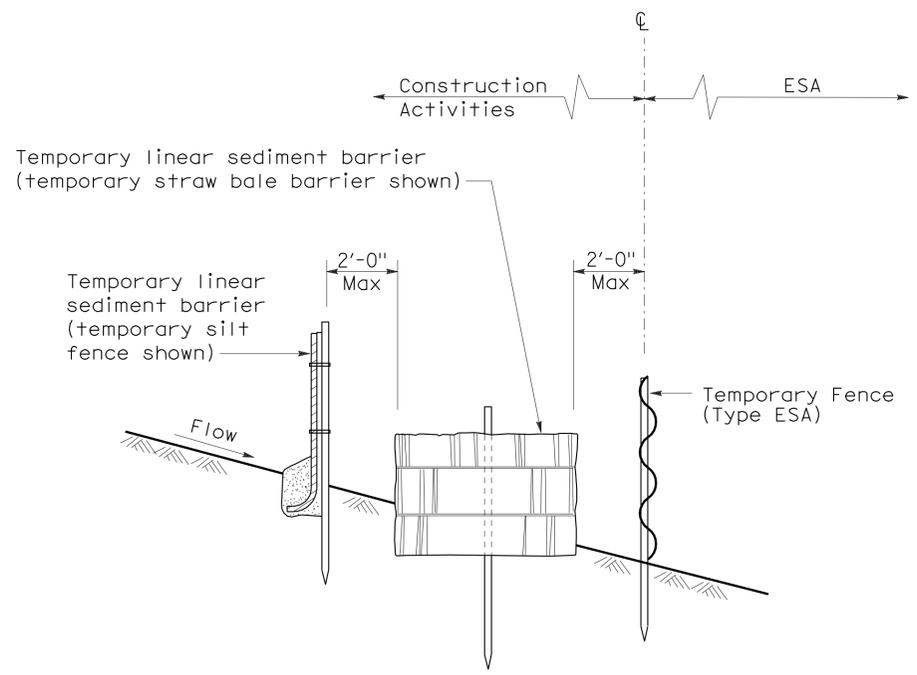


SECTION TEMPORARY FENCE (TYPE ESA)



SECTION PLACEMENT DETAIL FOR TEMPORARY LINEAR SEDIMENT BARRIER USED WITH TEMPORARY FENCE (TYPE ESA)

(See Note 1)



SECTION PLACEMENT DETAIL FOR TEMPORARY SILT FENCE AND TEMPORARY STRAW BALE BARRIER USED WITH TEMPORARY FENCE (TYPE ESA)

(See Note 1)

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
TEMPORARY WATER POLLUTION CONTROL DETAILS
[TEMPORARY FENCE (TYPE ESA)]
 NO SCALE

NSP T65 DATED APRIL 3, 2009 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T65