
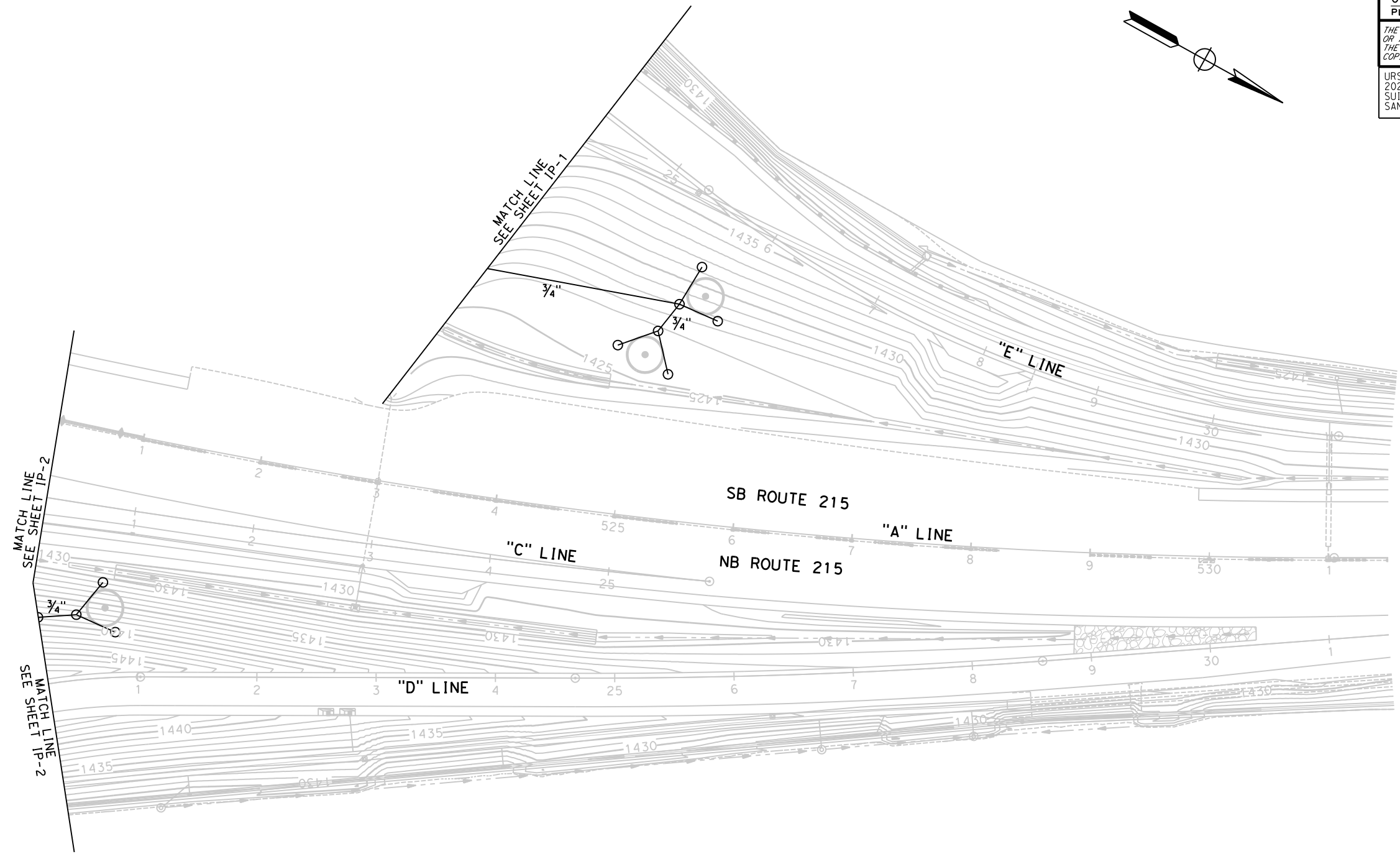


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION <b>Caltrans</b>	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
	JEFFREY G. CHAPMAN	CHECKED BY	CATHERINE LAMPON	GEORGE STRNAD

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	257	475
 LICENSED LANDSCAPE ARCHITECT					
04-15-2014 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>					
URS CORPORATION 2020 EAST FIRST STREET, SUITE 400 SANTA ANA, CA 92705			RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT 4080 LEMON STREET 8th FLOOR RIVERSIDE, CA 92502		



**1** REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR IRRIGATION WORK ONLY

**IRRIGATION PLAN**  
SCALE 1" = 50' **IP-3**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 89 OF 115

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT SUPERVISOR	REVISOR
	JEFFREY G. CHAPMAN	CATHERINE LAMPON
Caltrans	CHECKED BY	DATE REVISED
	JEFFREY G. CHAPMAN	GEORGE STRNAD

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	259	475

*George Strnad*  
 LICENSED LANDSCAPE ARCHITECT

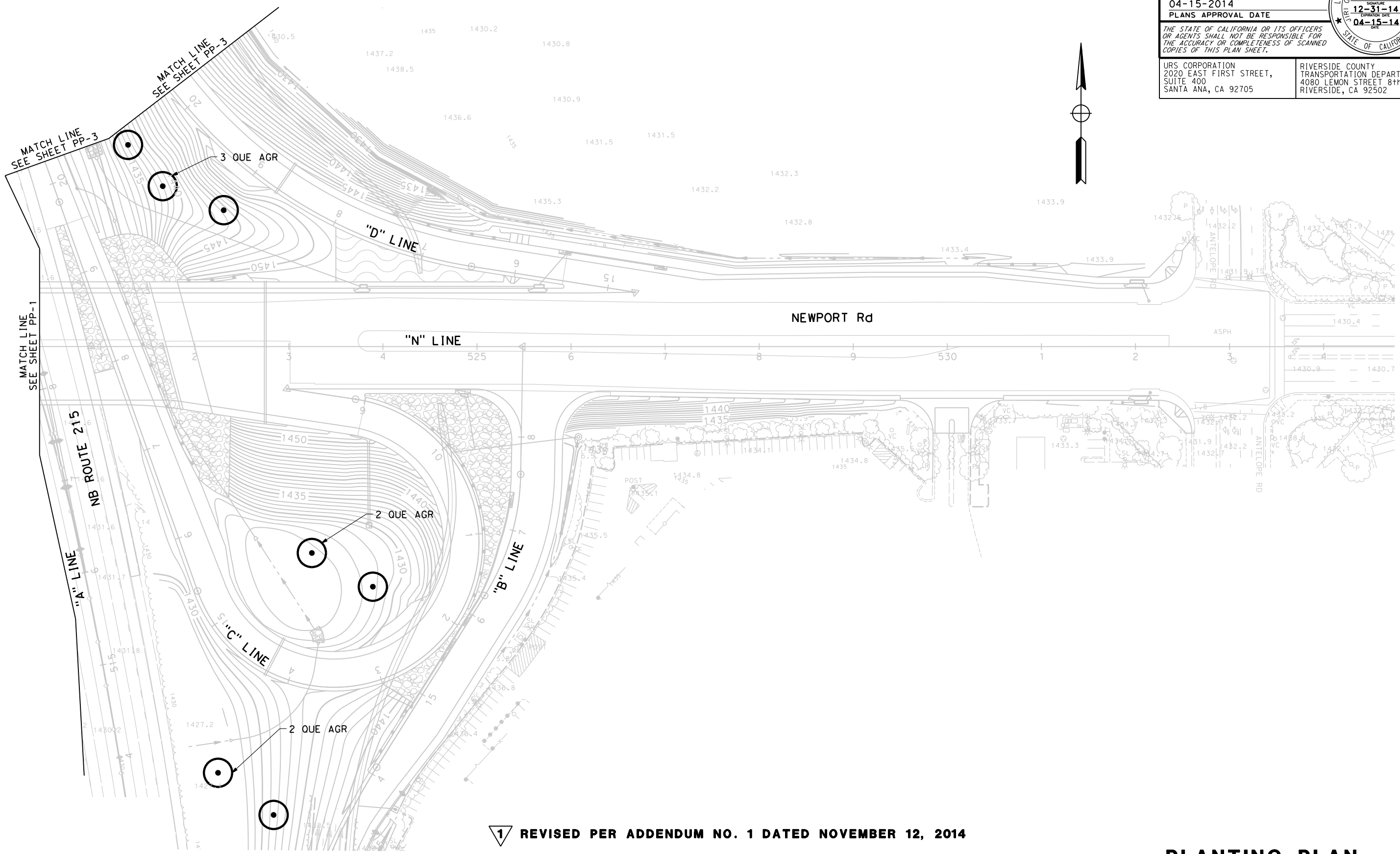
04-15-2014  
 PLANS APPROVAL DATE

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.

URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502

LICENSED LANDSCAPE ARCHITECT  
 GEORGE STRNAD, NO. LA 2626  
 SIGNATURE  
 12-31-14  
 EXPIRATION DATE  
 04-15-14  
 DATE  
 STATE OF CALIFORNIA



1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR PLANTING WORK ONLY

**PLANTING PLAN**  
SCALE 1" = 50' **PP-2**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 90 OF 115

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT SUPERVISOR	CHECKED BY	REVISOR	DATE
	JEFFREY G. CHAPMAN	GEORGE STRNAD	CATHERINE LAMPON	
Caltrans	FUNCTIONAL SUPERVISOR	DESIGNED BY	REVISOR	DATE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	260	475

Signature: *George Strnad*  
 LICENSED LANDSCAPE ARCHITECT  
 04-15-2014  
 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.  
 URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705  
 RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502



**1** REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014  
 APPROVED FOR PLANTING WORK ONLY

**PLANTING PLAN**  
 SCALE 1" = 50'  
**PP-3**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 91 OF 115  
 LAST REVISION: 00-00-00 DATE PLOTTED => 11/16/2014 TIME PLOTTED => 8:57:39 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT - FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: LESLEY WANG  
 CHECKED BY: GEORGE STRNAD  
 REVISED BY: [ ]  
 DATE REVISED: [ ]

### EROSION CONTROL 1

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE
		DESCRIPTION	TYPE	
STEP 1	COMPOST	COMPOST	FINE	537 CY/ACRE
STEP 2	INCORPORATE	COMPOST	---	12 INCHES DEPTH
STEP 3	HYDROSEED	SEED	MIX	60 LB/ACRE
		FIBER	WOOD	500 LB/ACRE
STEP 4	STRAW	STRAW	RICE	2 TONS/ACRE
STEP 5	HYDROMULCH	FIBER	WOOD	500 LB/ACRE
		TACKIFIER	GUAR	125 LB/ACRE

### EROSION CONTROL 2

SEQUENCE	ITEM	MATERIAL		APPLICATION RATE
		DESCRIPTION	TYPE	
STEP 1	COMPOST	COMPOST	FINE	537 CY/ACRE
STEP 2	INCORPORATE	COMPOST	---	12 INCHES DEPTH
STEP 3	HYDROSEED	SEED	MIX	60 LB/ACRE
		FIBER	WOOD	500 LB/ACRE
STEP 4	ROLLED EROSION CONTROL PRODUCT (NETTING)	ROLLED EROSION CONTROL PRODUCT (NETTING)	TYPE B	---

### SEED MIX

BOTANICAL NAME (COMMON NAME)	PERCENT GERMINATION (MINIMUM %)	POUNDS PURE LIVE SEED PER ACRE (SLOPE MEASUREMENT)
ARISTIDA PURPUREA (PURPLE THREE-AWN)	45	2
BOUTELOUA GRACILIS (BLUE GRAMA)	30	6
FESTUCA IDAHOENSIS (IDAHO FESCUE)	50	8
HORDEUM BRACHYANTHERUM SSP. CALIFORNICUM (CALIFORNIA BARLEY)	50	10
KOELERIA MACRANTHA (JUNE GRASS)	50	2
MELICA CALIFORNICA (CALIFORNIA ONIONGRASS)	40	6
POA SECUNDA (PINE BLUEGRASS)	50	6
STIPA [NASELLA] LEPIDA (FOOTHILL NEEDLEGRASS)	50	4
STIPA [NASELLA] PULCHRA (PURPLE NEEDLEGRASS)	50	6
SPOROBOLUS AIRIODES VEGAS (ALKALI SACATON)	50	2
VULPIA MICROSTACHYS (THREE-WEEK FESCUE)	40	8
TOTAL		60

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	261	475

*George Strnad*  
 LICENSED LANDSCAPE ARCHITECT  
 04-15-2014  
 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.  
 URS CORPORATION  
 2020 EAST FIRST STREET, SUITE 400  
 SANTA ANA, CA 92705  
 RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502

### EROSION CONTROL QUANTITIES

SHEET	HYDROSEED		HYDROMULCH	ROLLED EROSION CONTROL PRODUCT (NETTING)	STRAW	COMPOST	
	EROSION CONTROL 1	EROSION CONTROL 2				EROSION CONTROL 1	EROSION CONTROL 2
	(SOFT)					(SOFT)	
EC-01	21,300		21,300		21,300	21,300	
EC-02	26,200		26,200		26,200	26,200	
EC-03	165,380		165,380		165,380	165,380	
EC-04	215,900	800	215,900	800	215,900	215,900	800
EC-05	159,350		159,350		159,350	159,350	
EC-06	223,290	17,420	223,290	17,420	223,290	223,290	17,420
EC-07	57,630	3,055	57,630	3,055	57,630	57,630	3,055
EC-08	8,770		8,770		8,770	8,770	
TOTAL	899,095		877,820	21,275	877,820	899,095	

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

## EROSION CONTROL LEGEND AND QUANTITIES

NO SCALE

ECL-1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	266	475

*Jim George Stuard*  
 LICENSED LANDSCAPE ARCHITECT



04-15-2014  
 PLANS APPROVAL DATE

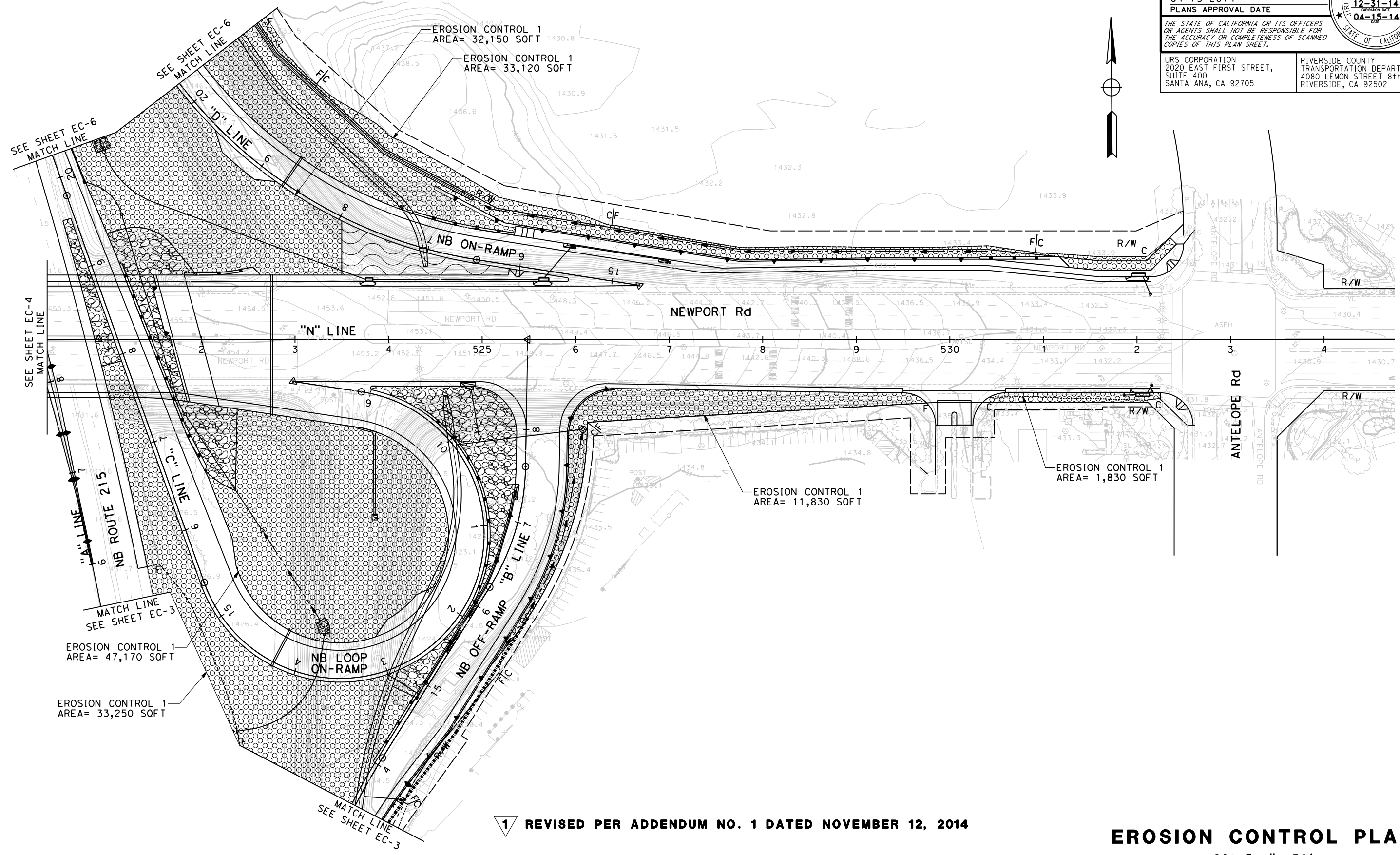
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502

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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
<b>Stantec</b>	JEFFREY G. CHAPMAN	LESLEY WANG	STEPHANIE HILLEBRAND
	CHECKED BY	DATE	REVISOR



1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR EROSION CONTROL WORK ONLY

**EROSION CONTROL PLAN**

SCALE 1"= 50'

**EC-5**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 93 OF 115

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	267	475

*Jin Geng Ahmad*  
 LICENSED LANDSCAPE ARCHITECT

04-15-2014  
 PLANS APPROVAL DATE

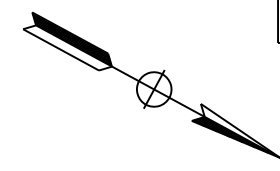
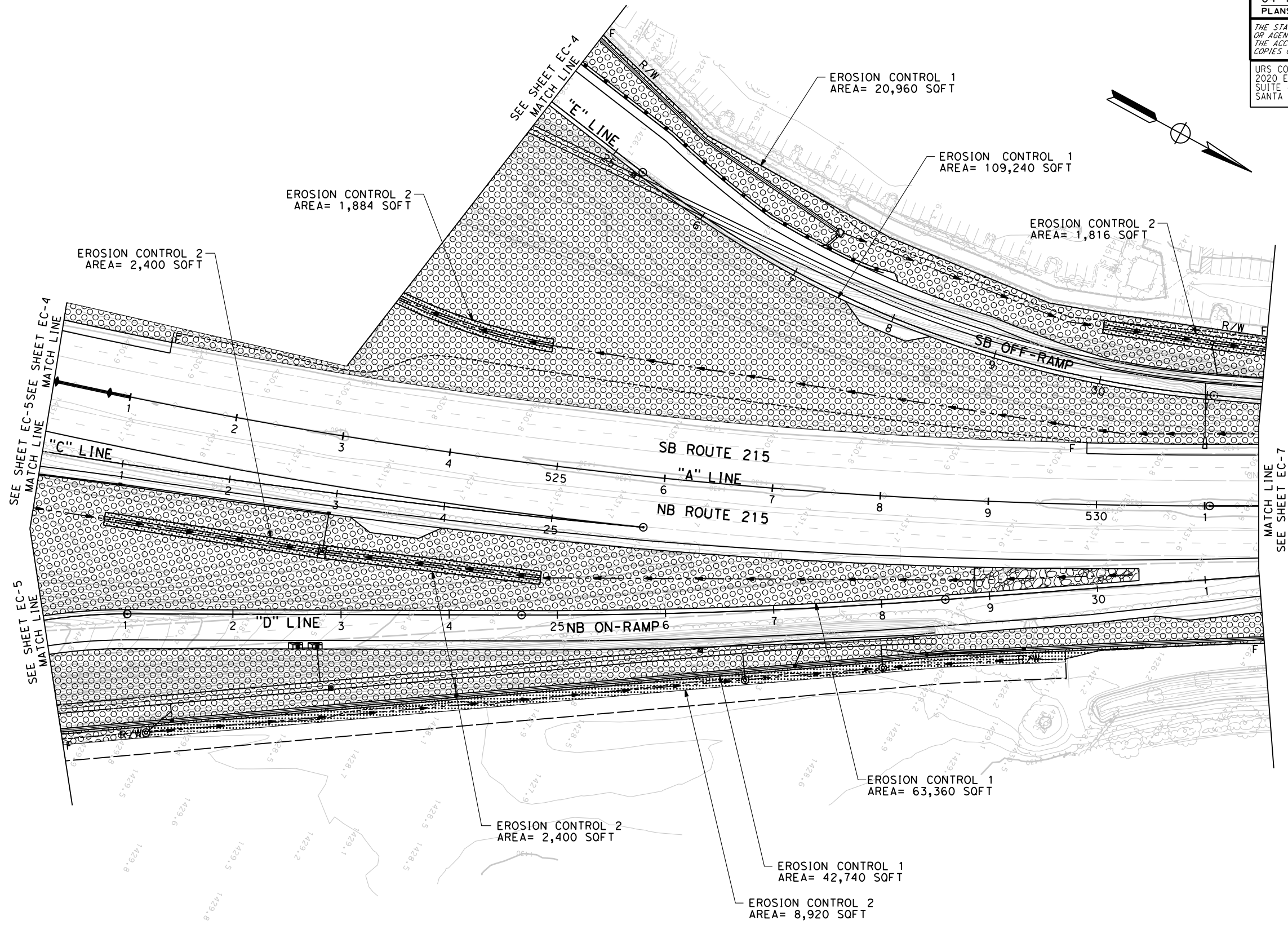
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502

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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
Jeffrey G. Chapman	Jeffrey G. Chapman	Lesley Wang	Stephanie Hillebrand
Checked by	Checked by	Revised by	Revised by
Stephanie Hillebrand	Stephanie Hillebrand	Lesley Wang	Stephanie Hillebrand



**1** REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014  
 APPROVED FOR EROSION CONTROL WORK ONLY

**EROSION CONTROL PLAN**  
 SCALE 1"= 50'  
**EC-6**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 94 OF 115  
 LAST REVISION DATE PLOTTED => 11/16/2014 00-00-00 TIME PLOTTED => 8:58:46 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*Caltrans*  
 CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: OCTAVIO HERNANDEZ  
 CHECKED BY: KEITH RAND  
 REVISED BY: DATE REVISION

**GENERAL NOTES (SHEETS E-2 TO E-12):**

- FOR LIGHTING AND SIGN ILLUMINATION WIRING DIAGRAMS, SEE SHEET E-10.
- CONTRACTOR MUST CALL UNDERGROUND SERVICE ALERT (USA) AT 811, 48 HOURS PRIOR TO ALL EXCAVATION.
- ALL NEW LIGHTING AND SIGN ILLUMINATION CONDUIT MUST BE 1/2" TYPE 3, SCHEDULE 80, UNLESS OTHERWISE NOTED ON THE PLANS.
- NEW PULL BOXES MUST NOT BE INSTALLED WITHIN CURB RAMP ACCESS.
- POLES, SIGNAL CONTROLLER BOXES AND ALL EQUIPMENT MUST BE PLACED OUTSIDE OF THE PEDESTRIAN AREA OF THE SIDEWALK.
- ALL CONDUIT ON BRIDGES MUST BE TYPE 1 RIGID STEEL CONDUIT.
- ALL EXISTING SIGN ILLUMINATION, LIGHTING STANDARDS AND ELECTRICAL EQUIPMENT MUST BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- ALL EXISTING PULL BOXES, CONDUITS, CONDUCTORS AND ELECTRICAL EQUIPMENT SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
- FURNISH ONE DETECTOR WAND FOR PULL BOX ELECTRONIC MARKERS.

**GENERAL NOTES (SHEETS E-13 TO E-34):**

- NOTIFY CITY OF MENIFEE AT LEAST SEVEN DAYS IN ADVANCE OF ANY OPERATIONAL CHANGES TO TRAFFIC SIGNALS.
- INSTALL NEW LOOP DETECTORS. SEE SHEET E-35 FOR DETAILS.
- ALL NEW SIGNAL INDICATION SECTIONS MUST BE 12 INCH LED AND SUPPLIED WITH NEW SIGNAL HARDWARE.
- CONTRACTOR MUST ARRANGE TO HAVE A SIGNAL TECHNICIAN QUALIFIED TO WORK ON THE CONTROLLER UNIT AND EMPLOYED BY THE CONTROLLER UNIT'S MANUFACTURER OR ITS REPRESENTATIVE PRESENT AT THE TIME THE EQUIPMENT IS TURNED ON.

**LEGEND (SHEETS E-2 TO E-33):**

- = IDENTIFICATION No.
- (A) = OVERHEAD SIGN (WITH LETTER)
- ILLUM = ILLUMINATION
- SC1A = SIGN ILLUMINATION CONTROL TYPE
- PP = PROTECT IN PLACE
- LL = LIMIT LINE
- █ = ILLUMINATED OVERHEAD SIGN STRUCTURE
- MFC = MEAN FOOT CANDLES
- PTZ = PAN/TILT/ZOOM
- ◀|○|▶ = RAMP METERING SIGNAL HEADS
- DSL = DIGITAL SUBSCRIBER LINE
- VPN = VIRTUAL PRIVATE NETWORK

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	270	475

04-15-14  
 REGISTERED CIVIL ENGINEER DATE  
 04-15-2014  
 PLANS APPROVAL DATE

DOUGLAS E. SMITH  
 No. 43549  
 Exp. 6/30/16  
 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.

URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

**ELECTRICAL NOTES AND LEGEND**  
 NO SCALE  
**E-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: OCTAVIO HERNANDEZ  
 CHECKED BY: KEITH RAND  
 REVISIONS: (Grid of X's)

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**PROJECT NOTES (THIS SHEET):**

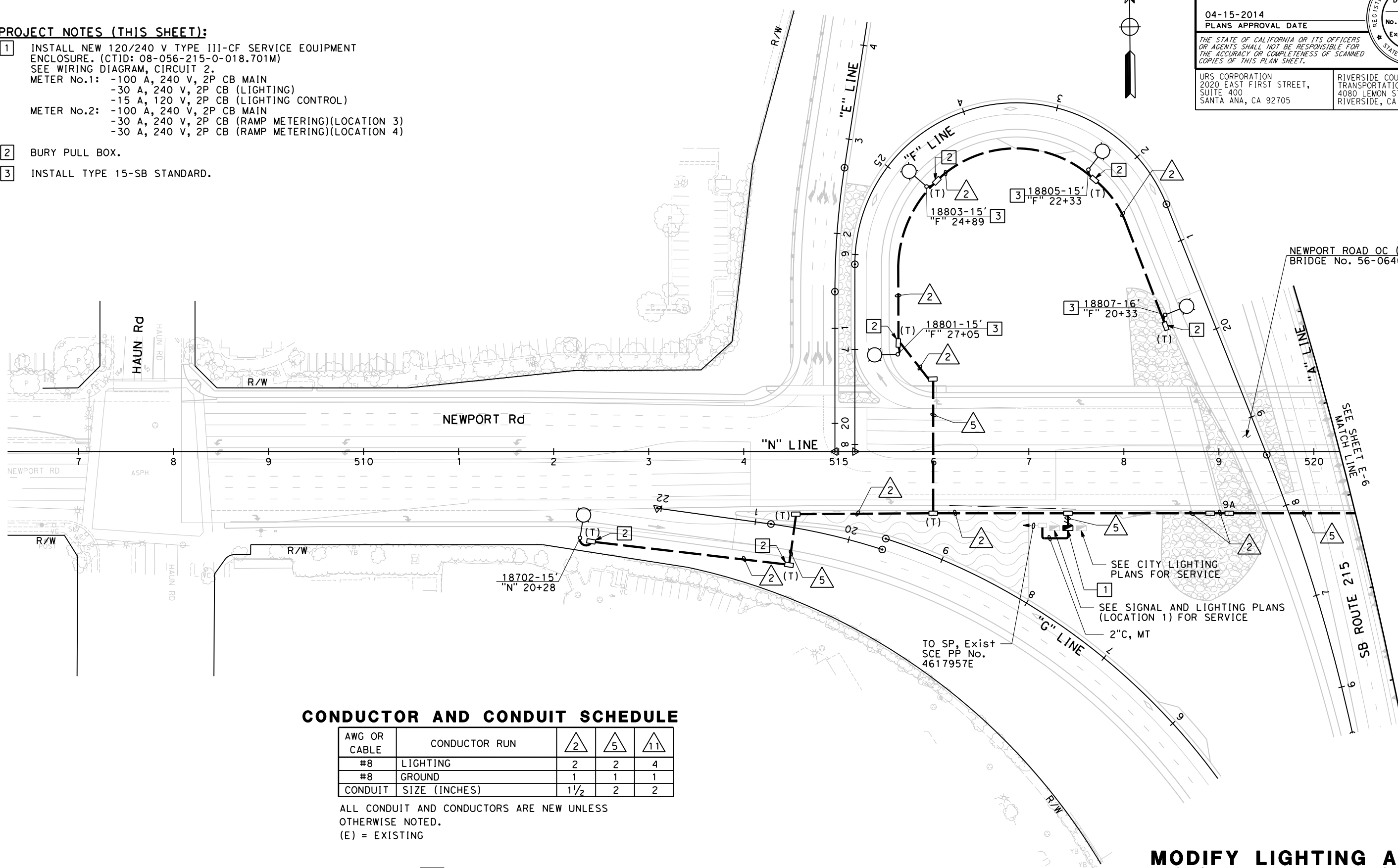
- INSTALL NEW 120/240 V TYPE III-CF SERVICE EQUIPMENT ENCLOSURE. (CTID: 08-056-215-0-018.701M)  
 SEE WIRING DIAGRAM, CIRCUIT 2.  
 METER No.1: -100 A, 240 V, 2P CB MAIN  
 -30 A, 240 V, 2P CB (LIGHTING)  
 -15 A, 120 V, 2P CB (LIGHTING CONTROL)  
 METER No.2: -100 A, 240 V, 2P CB MAIN  
 -30 A, 240 V, 2P CB (RAMP METERING)(LOCATION 3)  
 -30 A, 240 V, 2P CB (RAMP METERING)(LOCATION 4)
- BURY PULL BOX.
- INSTALL TYPE 15-SB STANDARD.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	274	475

REGISTERED CIVIL ENGINEER DATE: 04-15-14  
 PLANS APPROVAL DATE: 04-15-2014  
 REGISTERED PROFESSIONAL ENGINEER: DOUGLAS E. SMITH  
 No. 43549  
 Exp. 6/30/16  
 CIVIL  
 STATE OF CALIFORNIA

URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502



**CONDUCTOR AND CONDUIT SCHEDULE**

AWG OR CABLE	CONDUCTOR RUN	△2	△5	△11
#8	LIGHTING	2	2	4
#8	GROUND	1	1	1
CONDUIT	SIZE (INCHES)	1½	2	2

ALL CONDUIT AND CONDUCTORS ARE NEW UNLESS OTHERWISE NOTED.  
 (E) = EXISTING

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

**MODIFY LIGHTING AND SIGN ILLUMINATION**

SCALE 1" = 50' **E-5**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 96 OF 115

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: OCTAVIO HERNANDEZ  
 CHECKED BY: KEITH RAND  
 REVISED BY: DATE  
 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

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**PROJECT NOTES (THIS SHEET):**

- PP EXISTING 120/240 V TYPE III-CF SERVICE. SEE WIRING DIAGRAM, CIRCUIT 3. CTID: No.08-056-215-0-018.761M  
 METER 1: 1-15 A 120/240 V, 2P CB LIGHTING MAIN  
 METER 2: 1-15 A 120/240 V, 2P CB SIGN ILLUMINATION MAIN
- BURY PULL BOX.

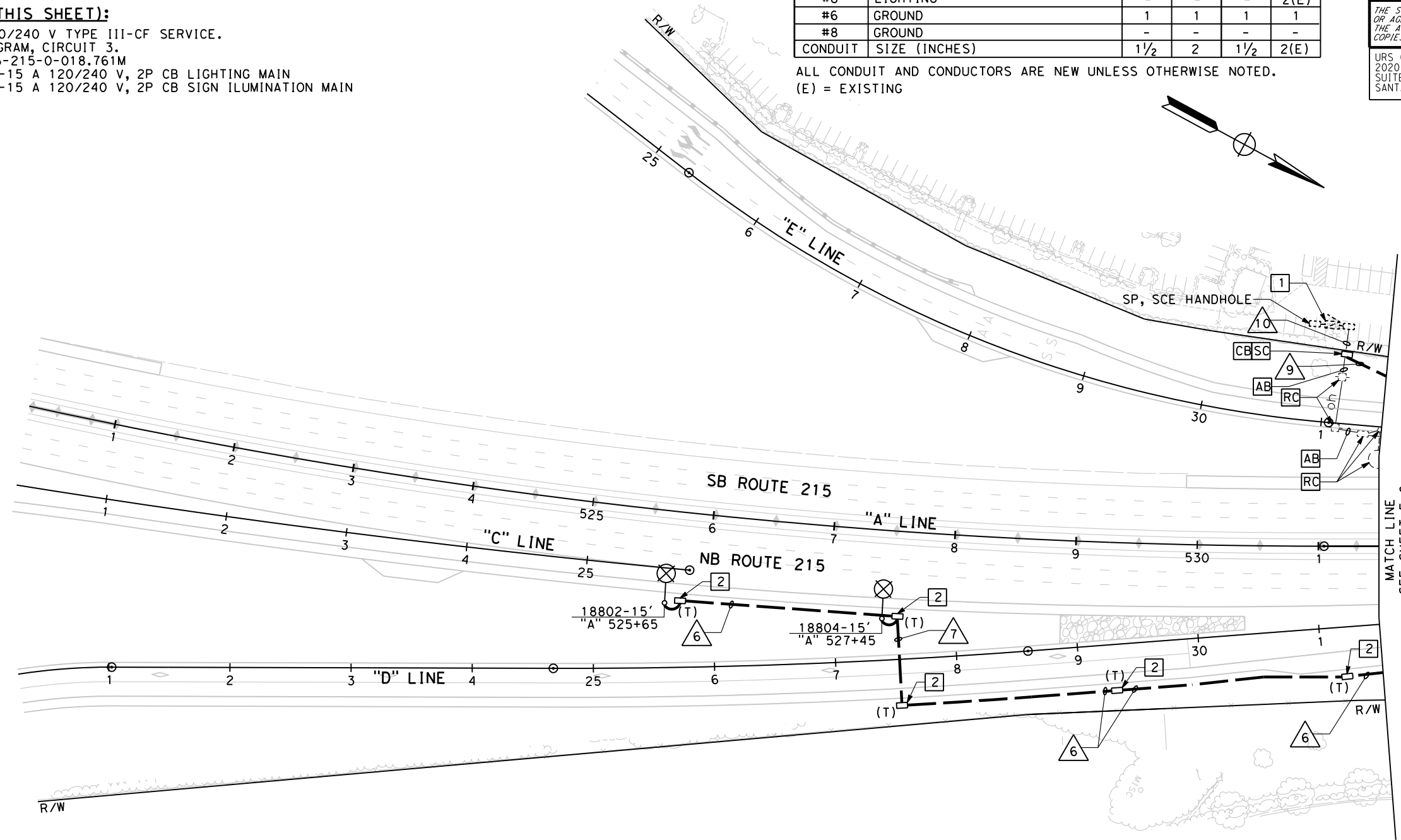
**CONDUCTOR AND CONDUIT SCHEDULE**

AWG OR CABLE	CONDUCTOR RUN	6	7	9	10
#8	SIGN ILLUMINATION	-	-	2	2
#6	LIGHTING	2	2	2	2
#8	LIGHTING	-	-	-	2(E)
#6	GROUND	1	1	1	1
#8	GROUND	-	-	-	-
CONDUIT	SIZE (INCHES)	1 1/2	2	1 1/2	2(E)

ALL CONDUIT AND CONDUCTORS ARE NEW UNLESS OTHERWISE NOTED.  
 (E) = EXISTING

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	276	475

REGISTERED CIVIL ENGINEER DATE: 04-15-14  
 DOUGLAS E. SMITH No. 43549 Exp. 6/30/16 CIVIL  
 PLANS APPROVAL DATE: 04-15-2014  
 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.  
 URS CORPORATION 2020 EAST FIRST STREET, SUITE 400 SANTA ANA, CA 92705  
 RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT 4080 LEMON STREET 8th FLOOR RIVERSIDE, CA 92502



1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

**MODIFY LIGHTING AND SIGN ILLUMINATION**

APPROVED FOR ELECTRICAL WORK ONLY

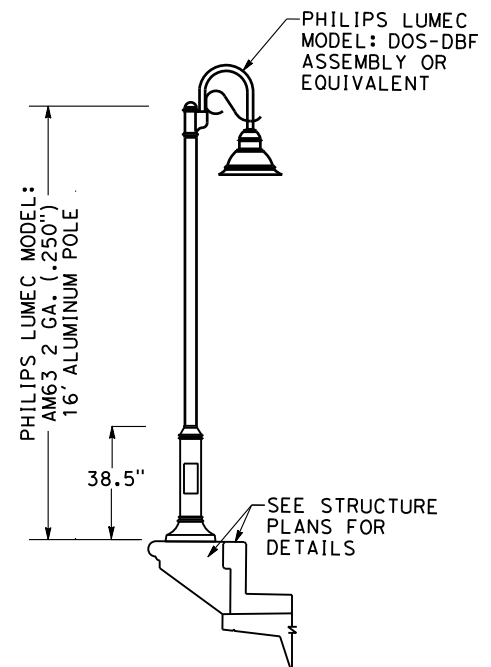
SCALE 1" = 50' E-7

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 97 OF 115

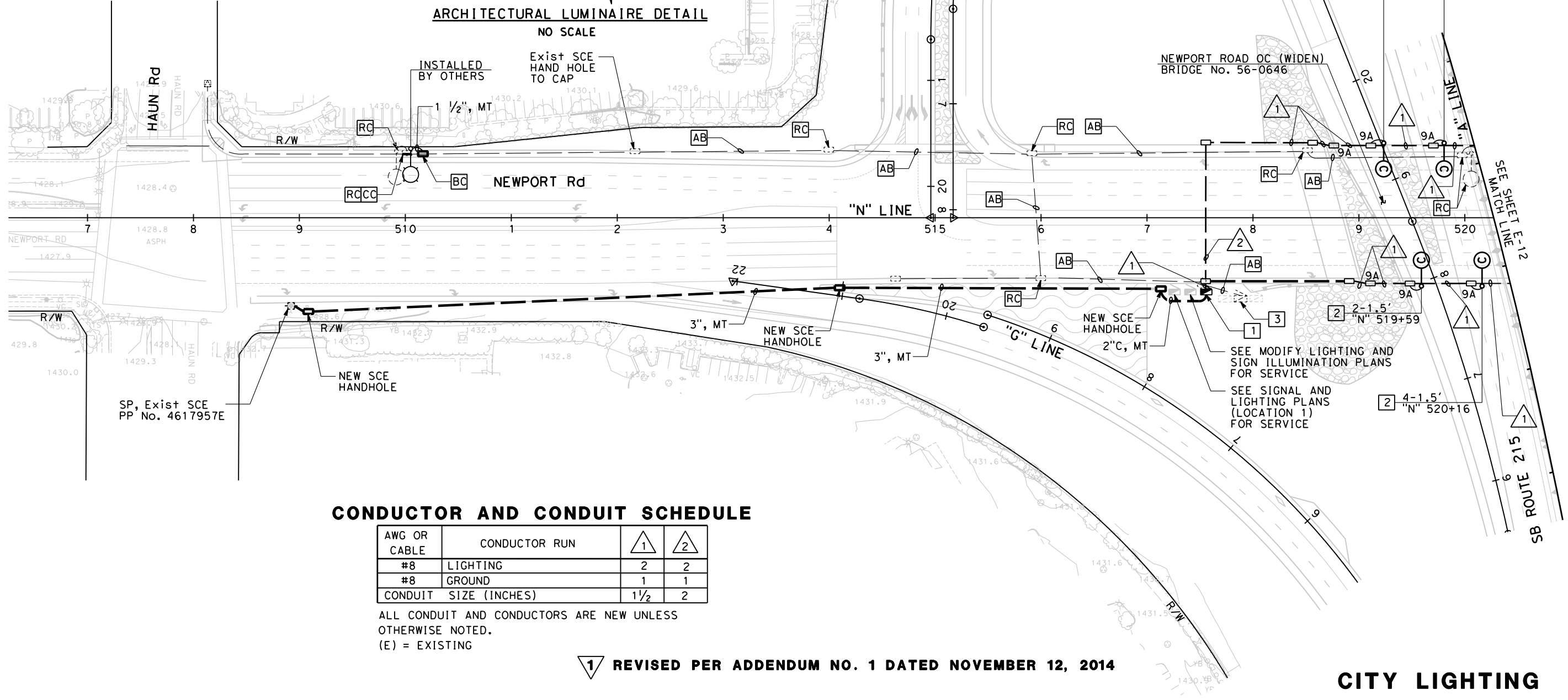
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: OCTAVIO HERNANDEZ  
 CHECKED BY: KEITH RAND  
 REVISIONS: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 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

- NOTES (THIS SHEET ONLY):**
- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
  - FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
  - ARCHITECTURAL LIGHTING BY PHILIPS LUMEC LIGHTING OR EQUIVALENT.

- PROJECT NOTES (THIS SHEET):**
- INSTALL NEW 120/240 V TYPE III-CF SERVICE EQUIPMENT ENCLOSURE. (CTID: 08-056-215-0-018.503M) SEE WIRING DIAGRAM, CIRCUIT 2.  
 METER No.1: -100 A, 240 V, 2P CB MAIN  
 -30 A, 240 V, 2P CB (CITY LIGHTING)  
 -15 A, 120 V, 2P CB (CITY LIGHTING CONTROL)  
 METER No.2: -100 A, 240 V, 2P CB MAIN  
 -20 A, 120 V, 1P CB (IRRIGATION)
  - FURNISH AND INSTALL NEW ARCHITECTURAL LIGHTING BY PHILIPS LUMEC OR EQUIVALENT ON NEW BARRIER.
  - RS** EXISTING 120/240V ELECTRICAL SERVICE. MAINTAIN DURING CONSTRUCTION.



**ARCHITECTURAL LUMINAIRE DETAIL**  
 NO SCALE



**CONDUCTOR AND CONDUIT SCHEDULE**

AWG OR CABLE	CONDUCTOR RUN	1	2
#8	LIGHTING	2	2
#8	GROUND	1	1
CONDUIT SIZE (INCHES)		1 1/2	2

ALL CONDUIT AND CONDUCTORS ARE NEW UNLESS OTHERWISE NOTED.  
 (E) = EXISTING

**1** REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	280	475

REGISTERED CIVIL ENGINEER DATE 04-15-14  
 DOUGLAS E. SMITH No. 43549 Exp. 6/30/16 CIVIL  
 STATE OF CALIFORNIA  
 URS CORPORATION 2020 EAST FIRST STREET, SUITE 400 SANTA ANA, CA 92705  
 RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT 4080 LEMON STREET 8th FLOOR RIVERSIDE, CA 92502

**CITY LIGHTING**  
 SCALE 1" = 50'  
**E-11**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 98 OF 115  
 DATE PLOTTED => 11/16/2014 TIME PLOTTED => 10:56:07 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CHECKED BY: OCTAVIO HERNANDEZ  
 DESIGNED BY: OCTAVIO HERNANDEZ  
 REVISIONS: KEITH RAND  
 DATE REVISED: DATE REVISED

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**PROJECT NOTES (THIS SHEET):**

- FURNISH AND INSTALL NEW ARCHITECTURAL LIGHTING BY PHILIPS LUMEC OR EQUIVALENT ON NEW BARRIER.

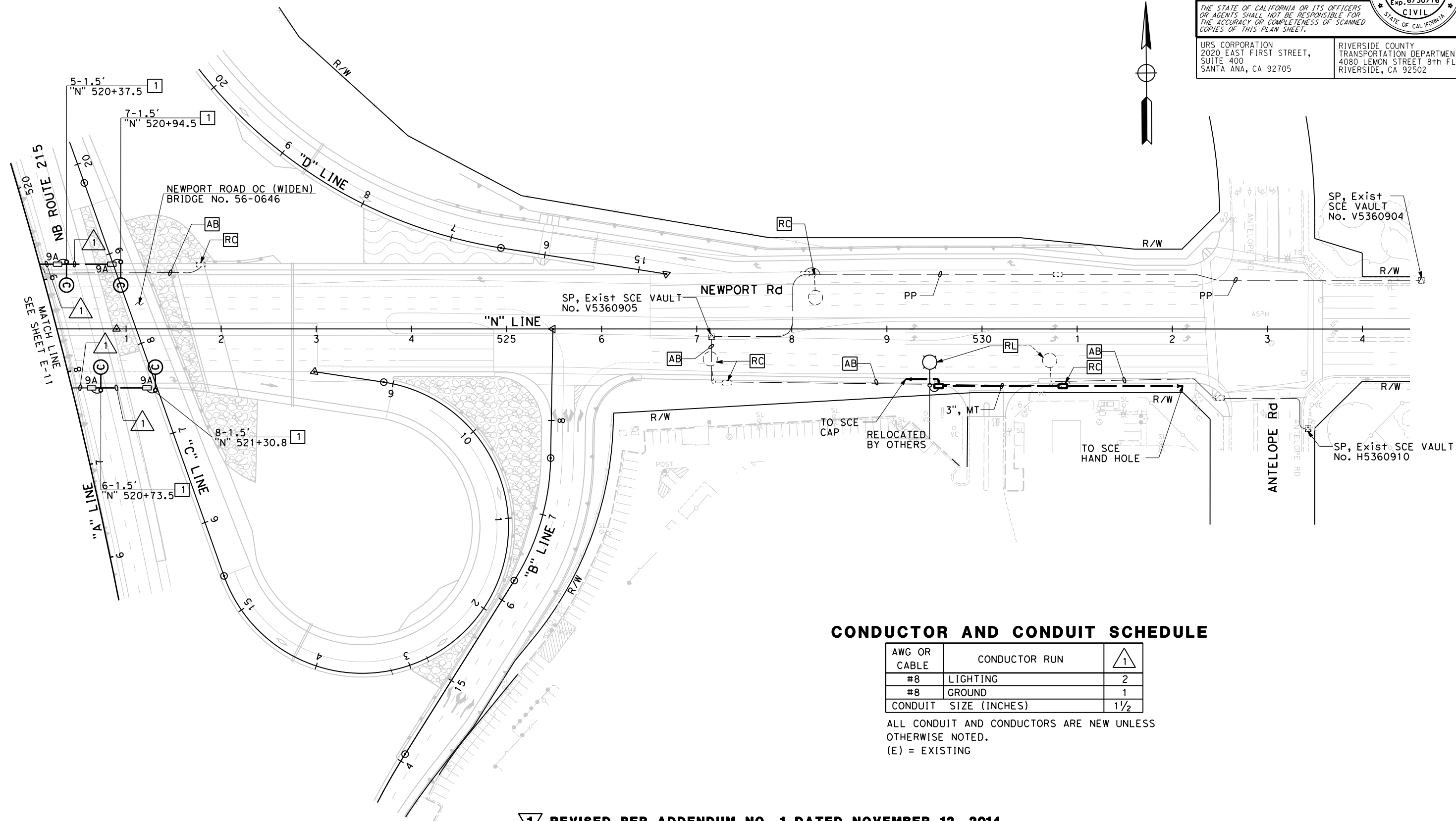
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	281	475

REGISTERED CIVIL ENGINEER: DOUGLAS E. SMITH  
 No. 43549  
 Exp. 6/30/16  
 CIVIL  
 STATE OF CALIFORNIA

04-15-14  
 DATE  
 04-15-2014  
 PLANS APPROVAL DATE

URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502



**CONDUCTOR AND CONDUIT SCHEDULE**

AWG OR CABLE	CONDUCTOR RUN	1
#8	LIGHTING	2
#8	GROUND	1
CONDUIT SIZE (INCHES)		1 1/2

ALL CONDUIT AND CONDUCTORS ARE NEW UNLESS OTHERWISE NOTED.  
 (E) = EXISTING

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

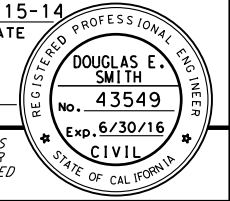
**CITY LIGHTING**

SCALE 1" = 50'

**E-12**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 99 OF 115

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	286	475
			04-15-14	REGISTERED CIVIL ENGINEER DATE	
			04-15-2014	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.					
URS CORPORATION 2020 EAST FIRST STREET, SUITE 400 SANTA ANA, CA 92705			RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT 4080 LEMON STREET 8th FLOOR RIVERSIDE, CA 92502		

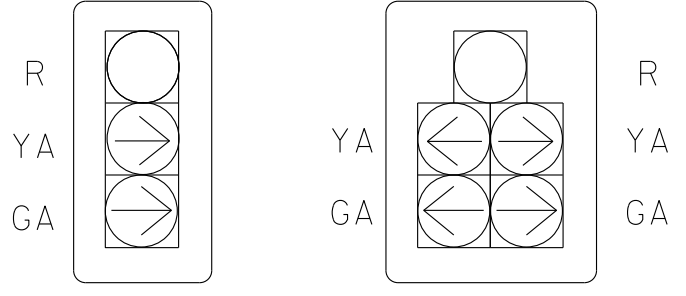
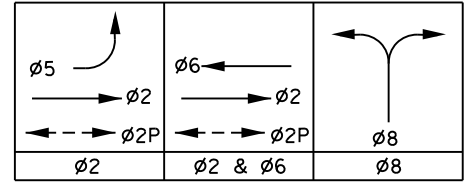
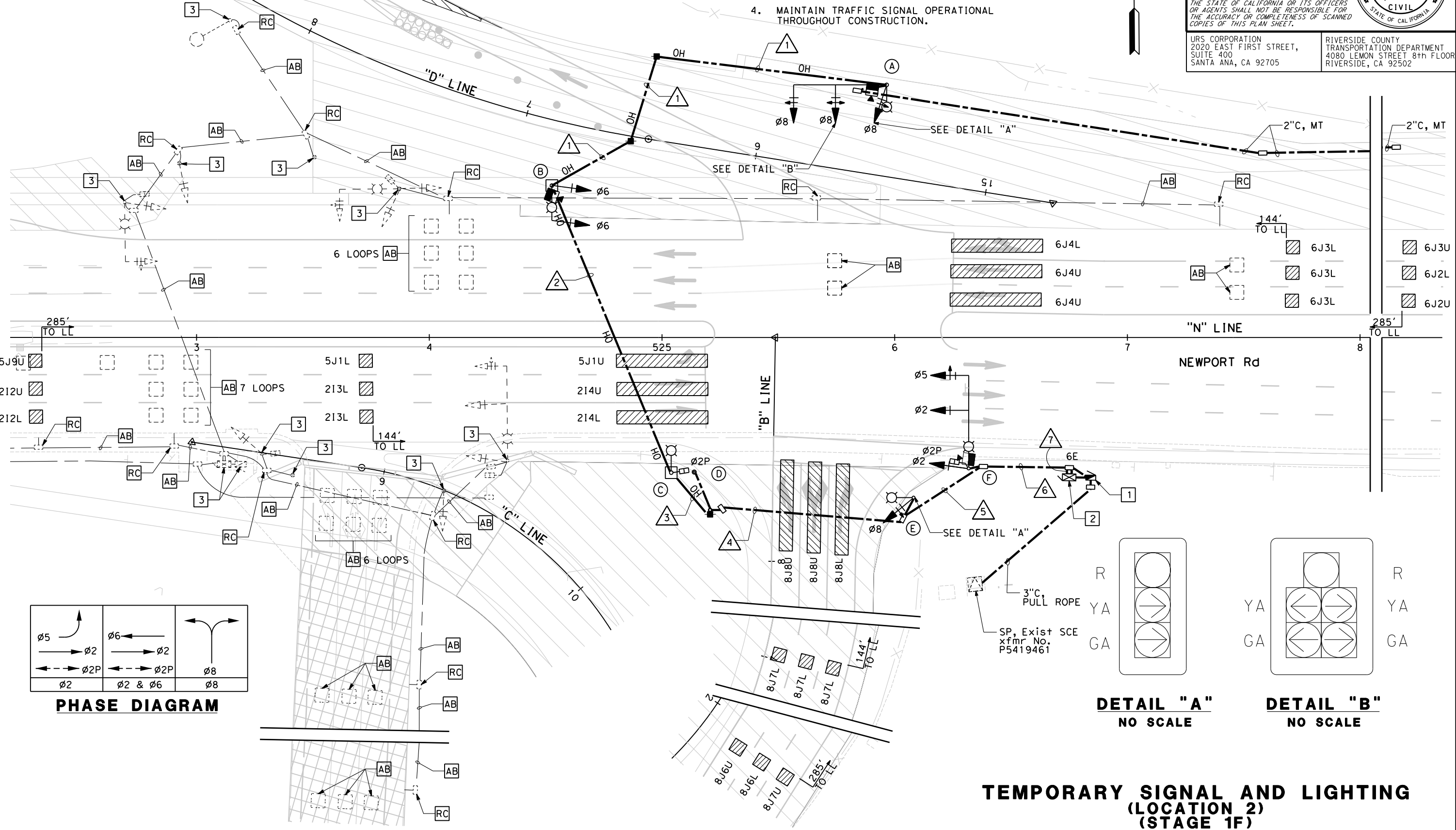


**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**PROJECT NOTES: (THIS SHEET)**

- INSTALL NEW 120/240V SERVICE, SEE SIGNAL AND LIGHTING (LOCATION 2).
- INSTALL NEW 2070 CONTROLLER AND 332 CABINET COMPLETE, SEE SIGNAL AND LIGHTING (LOCATION 2).
- RS EQUIPMENT COMPLETE. ABANDON FOUNDATION.
- MAINTAIN TRAFFIC SIGNAL OPERATIONAL THROUGHOUT CONSTRUCTION.



1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

**TEMPORARY SIGNAL AND LIGHTING (LOCATION 2) (STAGE 1F)**

SCALE 1" = 20'

**E-17**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR	DATE
URS CORPORATION	JEFFREY G. CHAPMAN	KEITH RAND	ROSALVA N. URENO	04-15-14

USERNAME => kent\_ko  
DGN FILE => ... \0800000301u017.dgn

RELATIVE BORDER SCALE IS IN INCHES

UNIT 0000

PROJECT NUMBER & PHASE

0800000301

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 100 OF 115

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	288	475

REGISTERED CIVIL ENGINEER	DATE
DOUGLAS E. SMITH	04-15-14
No. 43549	
Exp. 6/30/16	
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.

URS CORPORATION 2020 EAST FIRST STREET, SUITE 400 SANTA ANA, CA 92705	RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT 4080 LEMON STREET 8th FLOOR RIVERSIDE, CA 92502
--	---

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**PROJECT NOTES: (THIS SHEET)**

- PP EXISTING 120/240V SERVICE.
- PP EXISTING 2070 CONTROLLER AND 332 CABINET.
- RS EQUIPMENT COMPLETE. ABANDON FOUNDATION.
- MAINTAIN TRAFFIC SIGNAL OPERATIONAL THROUGHOUT CONSTRUCTION.
- FURNISH AND INSTALL SIGN.

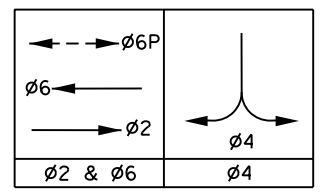
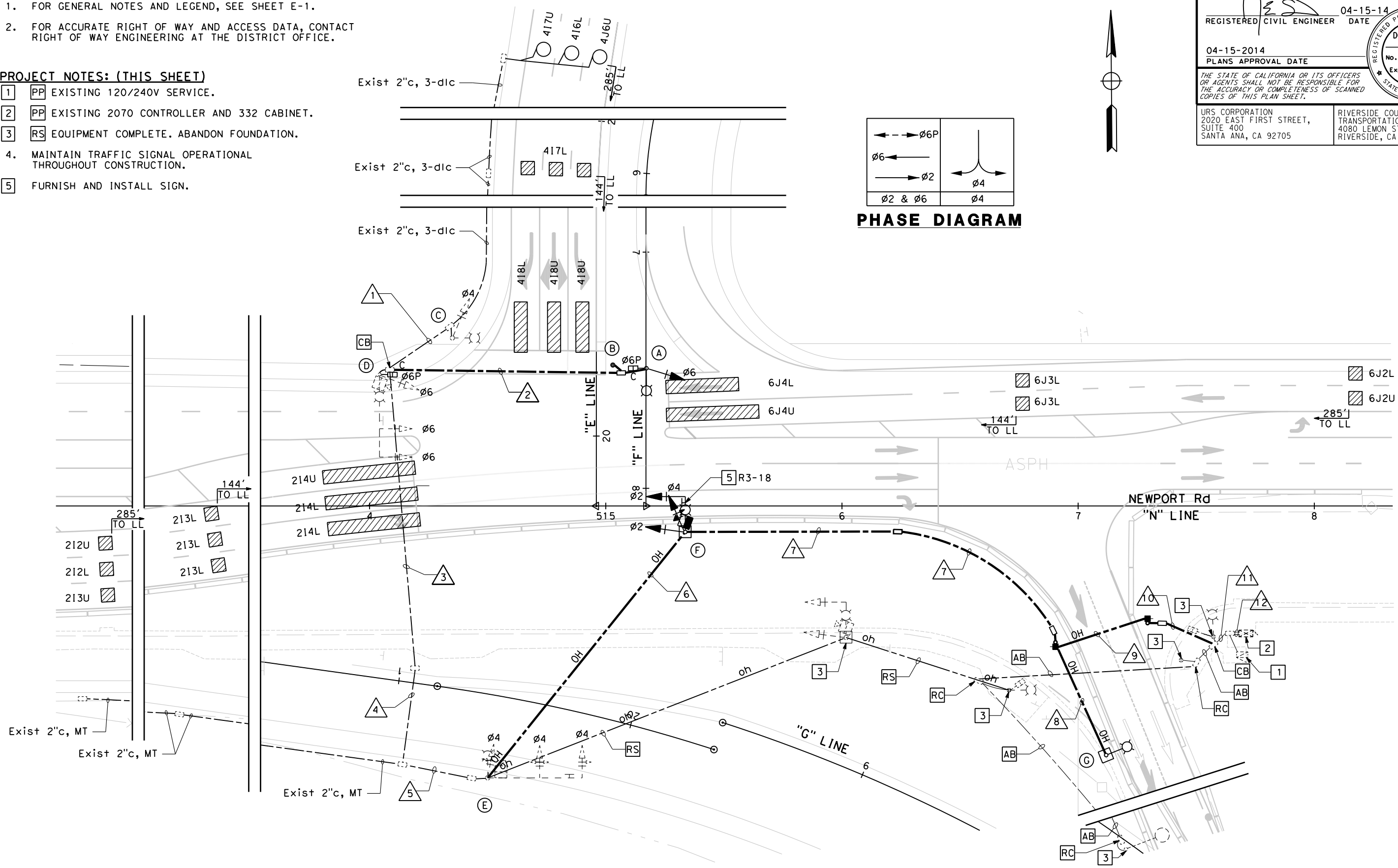
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

REVISOR: ROSALVA N. URENO, KEITH RAND

CALCULATED/DESIGNED BY: JEFFREY G. CHAPMAN

CONSULTANT FUNCTIONAL SUPERVISOR

DATE



**PHASE DIAGRAM**

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

**TEMPORARY SIGNAL AND LIGHTING  
(LOCATION 1)  
(STAGE 2A)**

SCALE 1" = 20'

**E-19**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 101 OF 115

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	289	475

04-15-14  
REGISTERED CIVIL ENGINEER DATE

04-15-2014  
PLANS APPROVAL DATE

DOUGLAS E. SMITH  
No. 43549  
Exp. 6/30/16  
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.

URS CORPORATION  
2020 EAST FIRST STREET,  
SUITE 400  
SANTA ANA, CA 92705

RIVERSIDE COUNTY  
TRANSPORTATION DEPARTMENT  
4080 LEMON STREET 8th FLOOR  
RIVERSIDE, CA 92502

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**CONDUCTOR AND CONDUIT SCHEDULE**

CONDUCTOR DESIGNATION		NUMBER OF CONDUCTORS RUN NUMBER													
CABLE TYPE	STD	PHASE	1	2	3	4	5	6	7	8	9	10	11	12	
VEH-PED 12CSC	(A)	6, 6P		1	1	1	1	1	1			1	1	1	1
	(B)	6PPB			1	1	1	1	1	1		1	1	1	1
PPB 3CSC	(C)	4	1		1	1	1	1	1	1		1	1	1	1
	(D)	6, 6P	1		1	1	1	1	1	1		1	1	1	1
	(E)	4						1	1		1	1	1	1	1
	(F)	2							1		1	1	1	1	1
	(G)											1	1	1	1
TOTAL CABLES 12/3 CONDUCTORS			1	1	3	3	3	4	5		5	5	5	5	5
#8	GROUND		1	1	1	1	1	1	1	1	1	1	1	1	1
#10	LUMINAIRE		1	1	2	2	2	3	4	1	5	5	5	5	5
TYPE B DLC	4		3		3	3	3	3	3		3	3	3	3	3
TOTAL DLCs PER RUN			3		3	3	3	3	3		3	3	3	3	3
RG59/U COAXIAL CABLE (PHASE 2, 4 & 6)					1	1	1	2	3		3	3	3	3	3
PERCENT FILL (%)			20%	7%	21%	21%	21%		23%			23%	23%	22%	
CONDUIT SIZE (in)			2.5"	3"	3.5"	3.5"	3.5"	**	2-3"	**	**	2-3"	2-3"	2-3"	2-3"

(\*\*) = TEMP OVERHEAD

**POLE AND EQUIPMENT SCHEDULE**

No.	STANDARD			VEHICLE SIGNAL MOUNTING			PEDESTRIAN SIGNAL		PPB		LUMINAIRE		REFLECTIVE STREET NAME SIGN	REMARKS
	TYPE	SIG. MA	LUM MA.	PHASE	MAST ARM	PHASE	POLE	PHASE	MOUNTING	PHASE	ARROW	LED (WATTS)		
(A)	15TS *	-	15' *	-	-	6 *	SV-1-T *	6 *	SP-1-T *	-	-	165 *	-	
(B)	PPB POST	-	-	-	-	-	-	-	-	6 *	-	-	-	
(C)	15TS	-	15'	4	TV-1-T	-	-	-	-	6 *	-	165	-	
(D)	24-4-100	35'	15'	6	2-MAS	6	SV-1-T	6	SP-1-T	-	-	165	-	VIDEO IMAGE SENSOR (T)
(E)	26-3-100	40'	15'	4	2-MAS	4	SV-1-T	-	-	-	-	165	-	VIDEO IMAGE SENSOR (T)
(F)	16-1-100 (T)	15' (T)	12' (T)	2 (T)	MAS (T)	2, 4 (T)	SV-2-T (T)	-	-	-	-	165 (T)	-	VIDEO IMAGE SENSOR (T)
(G)	15TS (T)	-	15' (T)	-	-	-	-	-	-	-	-	165 (T)	-	

ALL EQUIPMENT IS EXISTING EXCEPT AS NOTED: (\*) = NEW, (T) = TEMPORARY

**TEMPORARY SIGNAL AND LIGHTING**  
(LOCATION 1)  
(STAGE 2A)  
NO SCALE

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014  
APPROVED FOR ELECTRICAL WORK ONLY

E-20

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: ROSALVA N. URENO  
 CHECKED BY: KEITH RAND  
 REVISIONS: (Grid with X marks)  
 REVISOR: ROSALVA N. URENO  
 DATE: [Blank]  
 REVISOR: KEITH RAND  
 DATE: [Blank]

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**PROJECT NOTES: (THIS SHEET)**

- PP 120/240V SERVICE.
- PP 2070 CONTROLLER AND 332 CABINET.
- RC TEMPORARY EQUIPMENT.
- MAINTAIN TRAFFIC SIGNAL OPERATIONAL THROUGHOUT CONSTRUCTION.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	290	475

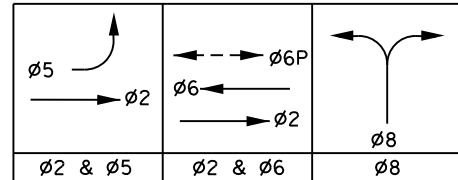
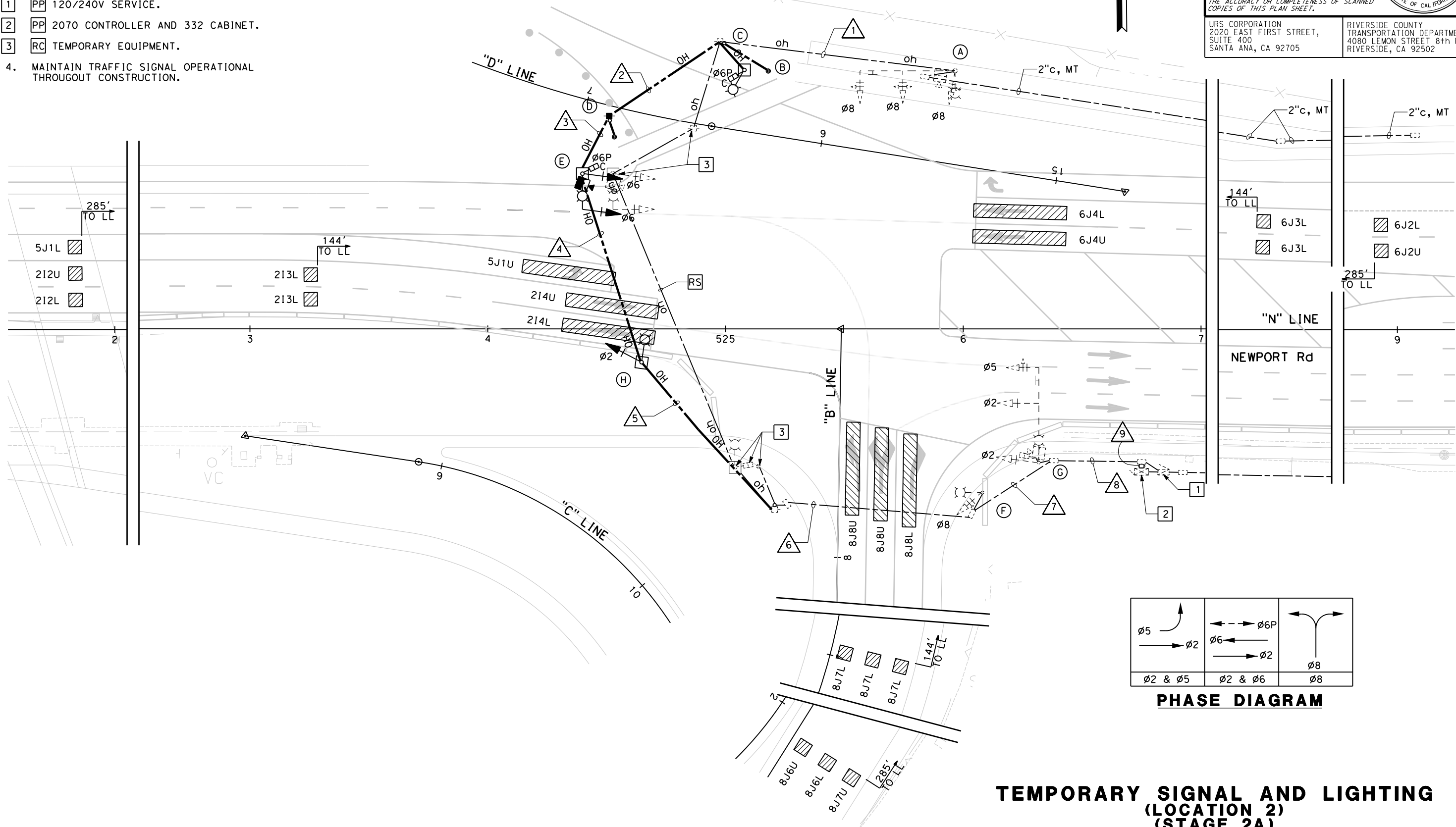
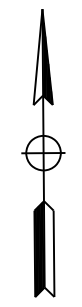
04-15-14  
 REGISTERED CIVIL ENGINEER DATE  
 04-15-2014  
 PLANS APPROVAL DATE

DOUGLAS E. SMITH  
 No. 43549  
 Exp. 6/30/16  
 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.

URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502



**PHASE DIAGRAM**

**TEMPORARY SIGNAL AND LIGHTING  
 (LOCATION 2)  
 (STAGE 2A)**

SCALE 1" = 20'

**E-21**

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 103 OF 115

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	291	475

04-15-14  
REGISTERED CIVIL ENGINEER DATE  
04-15-2014  
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
DOUGLAS E. SMITH  
No. 43549  
Exp. 6/30/16  
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.

URS CORPORATION  
2020 EAST FIRST STREET,  
SUITE 400  
SANTA ANA, CA 92705

RIVERSIDE COUNTY  
TRANSPORTATION DEPARTMENT  
4080 LEMON STREET 8th FLOOR  
RIVERSIDE, CA 92502

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**CONDUCTOR AND CONDUIT SCHEDULE**

CABLE TYPE	S T D	PHASE	NUMBER OF CONDUCTORS RUN NUMBER											
			1	2	3	4	5	6	7	8	9			
VEH-PED 12CSC	(A)	8	1	1	1	1	1	1	1	1	1	1	1	1
	(B)	6PPB		1	1	1	1	1	1	1	1	1	1	1
	(C)	6P		1	1	1	1	1	1	1	1	1	1	1
	(D)	6PPB			1	1	1	1	1	1	1	1	1	1
PPB 3CSC	(E)	6, 6P				1	1	1	1	1	1	1	1	1
	(F)	8								1	1	1	1	
	(G)	2, 5									1	1	1	
	(H)	2										1	1	
TOTAL CABLES 12/3 CONDUCTORS			1	2	2	3	4	4	5	6	6	2	2	
#8	GROUND		1	1	1	1	1	1	1	1	1	1	1	
#10	LUMINAIRE		1	2	2	3	4	4	4	5				
RG59/U COAXIAL CABLE (PHASE 2, 4 & 6)			1	1	1	2	2	2	3	3				
PERCENT FILL (%)			20%						23%	27%	26%	21%		
CONDUIT SIZE (in)			2"	**	**	**	**	**	3.5"	3.5"	4"	2-3"		

(\*\*) = TEMP OVERHEAD

**POLE AND EQUIPMENT SCHEDULE**

No.	STANDARD			VEHICLE SIGNAL MOUNTING			PEDESTRIAN SIGNAL		PPB		LUMINAIRE		REFLECTIVE STREET NAME SIGN	REMARKS
	TYPE	SIG. MA	LUM MA.	PHASE	MAST ARM	PHASE	POLE	PHASE	MOUNTING	PHASE	ARROW	LED (WATTS)		
(A)	26-4-100	40'	15'	8	2-MAS	8	SV-1-T	-	-	-	-	165	-	VIDEO IMAGE SENSOR (T)
(B)	PPB POST (T)	-	-	-	-	-	-	-	-	6 (T)	-	-	-	
(C)	16-1-100 (T)	-	12' (T)	-	-	-	-	6 (T)	SP-1-T (T)	-	-	165 (T)	-	
(D)	PPB POST (T)	-	-	-	-	-	-	-	-	6 (T)	-	-	-	
(E)	16-1-100 (T)	15' (T)	12' (T)	6 (T)	MAS (T)	6 (T)	SV-1-T (T)	-	-	-	-	165 (T)	-	VIDEO IMAGE SENSOR (T)
(F)	15TS	-	15'	-	-	8	TV-1-T	-	-	-	-	165	-	
(G)	19-4-100	40'	15'	2	2-MAS	2	SV-1-T	-	-	-	-	165	-	VIDEO IMAGE SENSOR
(H)	15TS (T)	-	15' (T)	-	-	2 (T)	SV-1-T (T)	-	-	-	-	165 (T)	-	

ALL EQUIPMENT IS EXISTING EXCEPT AS NOTED: (\*) = NEW , (T) = TEMPORARY

**TEMPORARY SIGNAL AND LIGHTING  
(LOCATION 2)  
(STAGE 2A)**

NO SCALE

**E-22**

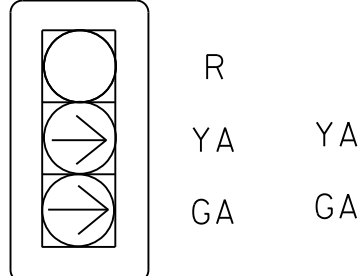
1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

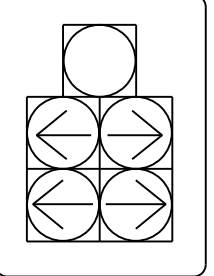
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CHECKED BY: KEITH RAND  
 CALCULATED/DESIGNED BY: OCTAVIO HERNANDEZ  
 REVISED BY: OCTAVIO HERNANDEZ  
 DATE REVISED: [ ]

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



**DETAIL "A"**  
NO SCALE



**DETAIL "B"**  
NO SCALE

**PROJECT NOTES (THIS SHEET):**

- INSTALL NEW TYPE 332 CABINET COMPLETE WITH BATTERY BACK-UP SYSTEM. INSTALL NEW 2070 CONTROLLER WITH NEW MODEMS 2070-6A AND 2070-7A. FURNISH AND INSTALL WIRELESS CELLULAR DATA COMMUNICATIONS ASSEMBLY. FURNISH AND DELIVER TWO (2) 4G LTE MODEMS AND ITS COMPONENTS INCLUDING ALL CABLES, POWER SUPPLIES AND ANTENNAES TWO WEEKS BEFORE SIGNAL TURN ON TO MR. TONY SARMIRTO RIVERSIDE ELECTRICAL OPERATIONS, 464 W. FOURTH STREET, 6TH FLOOR, SAN BERNARDINO, CA 92401-1400.
- FURNISH AND INSTALL VIDEO DETECTION CAMERA UNITS FOR PHASE 2, 4, AND 6 MOUNTED ON POLE (A), (D) AND (E) RESPECTIVELY LUMINAIRE MAST ARM AS DIRECTED BY THE ENGINEER.
- FURNISH AND INSTALL TYPE I PEDESTRIAN BARRICADE WITH SIGN AS NOTED. SEE SIGN QUANTITIES FOR SIGN DETAILS.
- FURNISH AND INSTALL SIGN AS NOTED PER CALTRANS STANDARD PLAN ES-7N, DETAIL "U". SEE SIGN QUANTITIES FOR SIGN DETAILS.
- FURNISH AND INSTALL OPTICOM MODEL 721 EMERGENCY VEHICLE PREEMPTION SENSOR PER CALTRANS 2010 STANDARD PLAN ES-4E. FINAL LOCATION TO BE DETERMINED BY ENGINEER IN THE FIELD.
- FURNISH AND INSTALL NEW 120/240 V TYPE III-CF DUAL METER SERVICE EQUIPMENT ENCLOSURE COMPLETE. PROVIDE ITEMS (1) THRU (8), (15) THRU (17), (20) THRU (26) SEE STANDARD PLAN ES-2F. ADDRESS: 27994 NEWPORT Rd. CALTRANS ID # (CTID): 08-56-215-0-0012.901-M
- FURNISH AND INSTALL 3"C PVC, SCHEDULE 80 SERVICE CONDUIT WITH PULL ROPE PER SCE REQUIREMENTS FROM NEW SERVICE CABINET TO SCE HANDHOLE.
- PROVIDE SCE HAND HOLE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	292	475

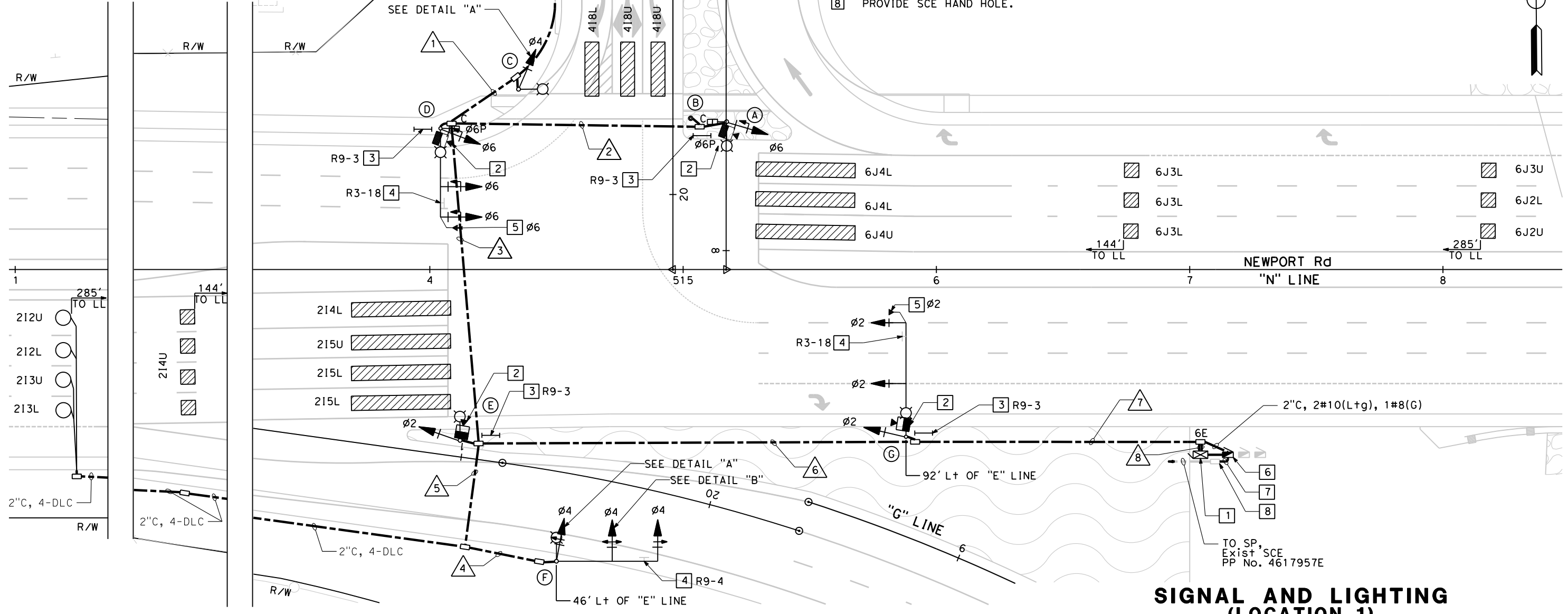
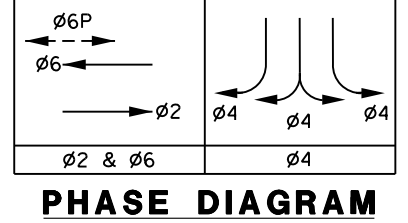
04-15-14  
 REGISTERED CIVIL ENGINEER DATE  
 04-15-2014  
 PLANS APPROVAL DATE

DOUGLAS E. SMITH  
 No. 43549  
 Exp. 6/30/16  
 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.

URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502



**SIGNAL AND LIGHTING (LOCATION 1)**  
SCALE 1"= 20'

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

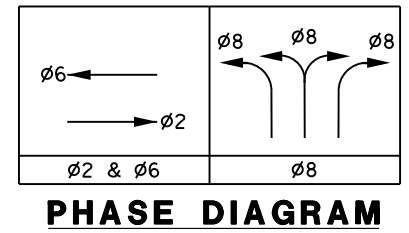
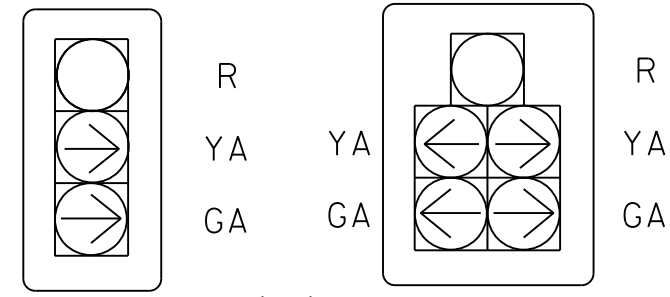
E-23

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 105 OF 115

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	294	475
REGISTERED CIVIL ENGINEER			DATE	04-15-14	
PLANS APPROVAL DATE			04-15-2014		
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.					
URS CORPORATION 2020 EAST FIRST STREET, SUITE 400 SANTA ANA, CA 92705			RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT 4080 LEMON STREET 8th FLOOR RIVERSIDE, CA 92502		

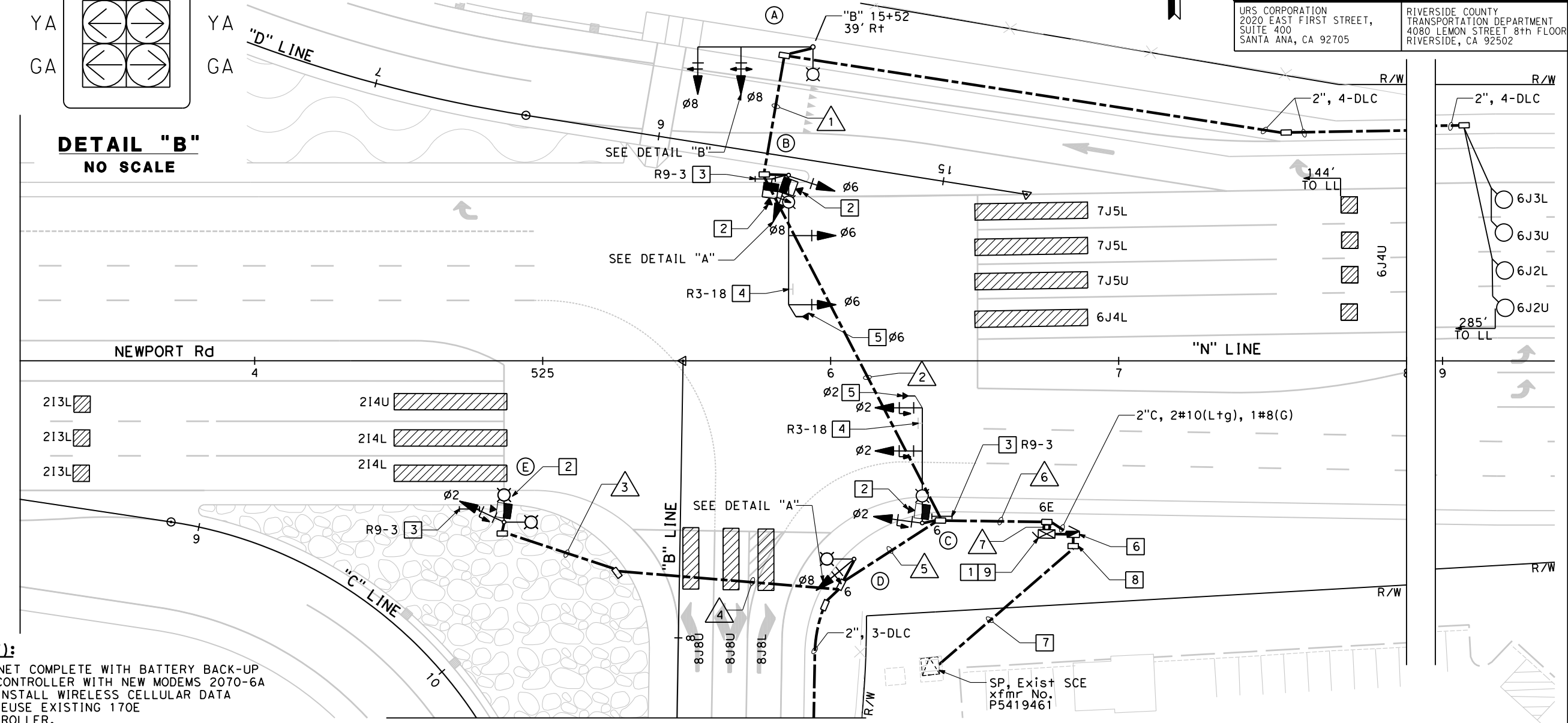
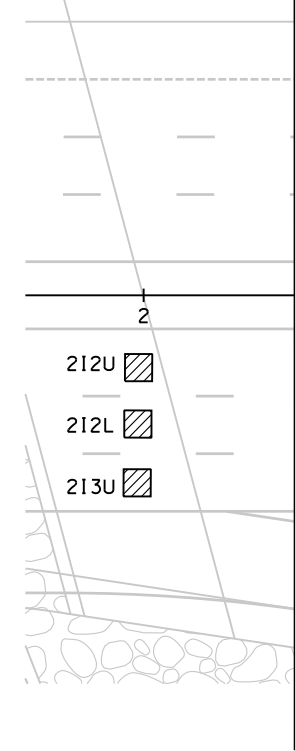
**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



**DETAIL "A"**  
NO SCALE

**DETAIL "B"**  
NO SCALE



**PROJECT NOTES (THIS SHEET):**

- INSTALL NEW TYPE 332 CABINET COMPLETE WITH BATTERY BACK-UP SYSTEM. INSTALL NEW 2070 CONTROLLER WITH NEW MODEMS 2070-6A AND 2070-7A. FURNISH AND INSTALL WIRELESS CELLULAR DATA COMMUNICATIONS ASSEMBLY. REUSE EXISTING 170E CONTROLLER AS MASTER CONTROLLER.
- FURNISH AND INSTALL VIDEO DETECTION CAMERA UNITS FOR PHASES 2, 6, AND 8 MOUNTED ON POLES (B) AND (C) LUMINAIRE MAST ARM AS DIRECTED BY THE ENGINEER.
- FURNISH AND INSTALL TYPE I PEDESTRIAN BARRICADE WITH SIGN AS NOTED. SEE SIGN QUANTITIES FOR SIGN DETAILS.
- FURNISH AND INSTALL SIGN AS NOTED PER CALTRANS STANDARD PLAN ES-7N, DETAIL "U". SEE SIGN QUANTITIES FOR SIGN DETAILS.
- FURNISH AND INSTALL OPTICOM MODEL 721 EMERGENCY VEHICLE PREEMPTION SENSOR PER CALTRANS 2010 STANDARD PLAN ES-4E. FINAL LOCATION TO BE DETERMINED BY ENGINEER IN THE FIELD.

**PROJECT NOTES (THIS SHEET):**

- FURNISH AND INSTALL NEW 120/240 V TYPE III-CF DUAL METER SERVICE EQUIPMENT ENCLOSURE COMPLETE. PROVIDE ITEMS (1) THRU (8), (15) THRU (17), (20) THRU (26) SEE STANDARD PLAN ES-2F. ADDRESS: 27994 NEWPORT Rd. CALTRANS ID # (CTID): 08-56-215-0-0012.901-M
- FURNISH AND INSTALL 3"C PVC, SCHEDULE 80 SERVICE CONDUIT WITH PULL ROPE PER SCE REQUIREMENTS FROM NEW SERVICE CABINET TO SCE HANDHOLE.
- PROVIDE SCE HAND HOLE.
- FURNISH AND DELIVER 4G LTE MODEM AND ITS COMPONENTS INCLUDING ALL CABLES, POWER SUPPLY AND ANTENNAE.

**SIGNAL AND LIGHTING  
(LOCATION 2)**  
SCALE 1" = 20'

**E-25**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: OCTAVIO HERNANDEZ  
 CHECKED BY: KEITH RAND  
 REVISED BY: DATE  
 REVISIONS: 1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

USERNAME => andrew\_easterling  
DGN FILE => ...N080000301u025.dgn

RELATIVE BORDER SCALE IS IN INCHES

UNIT 0000

PROJECT NUMBER & PHASE

080000301

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 106 OF 115

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	295	475

04-15-14  
REGISTERED CIVIL ENGINEER DATE  
04-15-2014  
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
**DOUGLAS E. SMITH**  
No. 43549  
Exp. 6/30/16  
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.

URS CORPORATION  
2020 EAST FIRST STREET,  
SUITE 400  
SANTA ANA, CA 92705

RIVERSIDE COUNTY  
TRANSPORTATION DEPARTMENT  
4080 LEMON STREET 8th FLOOR  
RIVERSIDE, CA 92502

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**CONDUCTOR AND CONDUIT SCHEDULE**

CONDUCTOR DESIGNATION			NUMBER OF CONDUCTORS							
CABLE TYPE	S T D	PHASE	RUN NUMBER							
			1	2	3	4	5	6	7	
VEH-PED 12CSC	(A)	8	1	1	-	-	-	-	1	1
	(B)	6, 8	-	1	-	-	-	-	1	1
	(C)	2	-	-	-	-	-	-	1	1
	(D)	8	-	-	-	-	1	1	1	1
	(E)	2	-	-	1	1	1	1	1	1
TOTAL CABLES 12/3 CONDUCTORS			1	2	1	1	2	5	5	
#8	GROUND		1	1	1	1	1	1		
#10	LUMINAIRE		1	2	1	1	1	4		
TYPE B DLC	6		4	4				4	4	
	8						3	3	3	
TOTAL DLCs PER RUN			4	4			3	7	7	
EV CABLE				1				2	2	
RG59/U COAXIAL CABLE (ø2, ø6, ø8)				2	1	1	1	3	3	
PERCENT FILL (%)			13%	16%	20%	20%	20%	15%	15%	
CONDUIT SIZE (in)			3"	4"	2"	2"	3"	2-4"	2-4"	

NOTE: ALL CONDUITS AND CONDUCTORS ARE NEW UNLESS OTHERWISE NOTED.

**POLE AND EQUIPMENT SCHEDULE**

No.	STANDARD				VEHICLE SIGNAL MOUNTING				PEDESTRIAN SIGNAL		PPB		LED LUMINAIRE (WATTS)	REFLECTIVE STREET NAME SIGN	SPECIAL REQUIREMENTS
	TYPE	SIG. MA	LUM MA.	LOCATION A B	PHASE	MAST ARM	PHASE	POLE	PHASE	MOUNTING	PHASE	ARROW			
(A)	26-4-100	40'	15'	SEE PLAN 7'	8	2-MAS							165		F=15'
(B)	26-4-100	45'	15'	5' 5'	6	2-MAS	6,8	SV-2-T					165	NEWPORT Rd	F=24', 2 VIDEO IMAGE SENSOR
(C)	26-4-100	40'	15'	10' 3'	2	2-MAS	2	SV-1-T					165		F=15', VIDEO IMAGE SENSOR
(D)	15TS		15'	33' 3'				8	TV-1-T				165		
(E)	15TS		15' 15'	6.5' 6'				2	SV-1-T				165 165		VIDEO IMAGE SENSOR 2 LUMINAIRE MAST ARMS

**1** REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014  
APPROVED FOR ELECTRICAL WORK ONLY

**SIGNAL AND LIGHTING  
(Location 2)  
NO SCALE**

**E-26**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: OCTAVIO HERNANDEZ  
 CHECKED BY: KEITH RAND  
 REVISED BY: OCTAVIO HERNANDEZ  
 DATE REVISED: [ ]

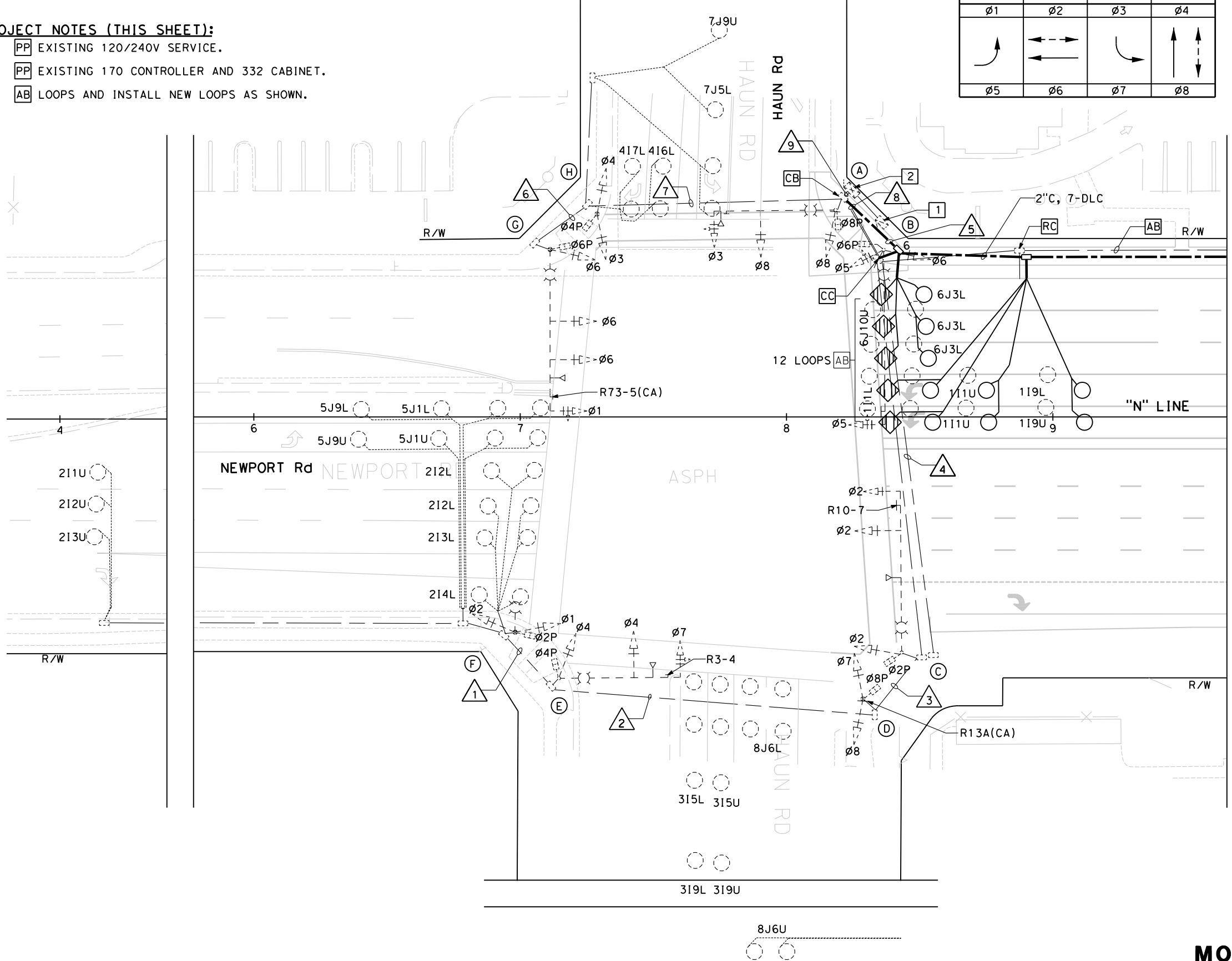
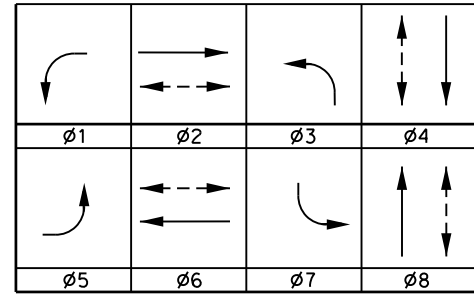
**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**PROJECT NOTES (THIS SHEET):**

- PP** EXISTING 120/240V SERVICE.
- PP** EXISTING 170 CONTROLLER AND 332 CABINET.
- AB** LOOPS AND INSTALL NEW LOOPS AS SHOWN.

**PHASING DIAGRAM**



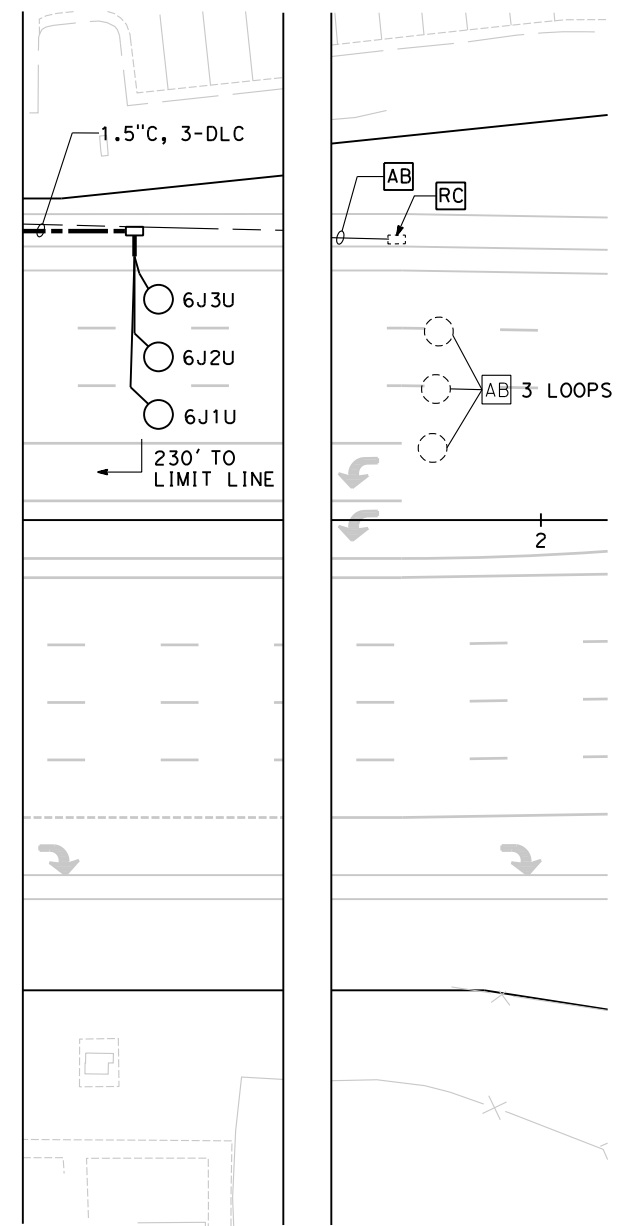
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	296	475

REGISTERED CIVIL ENGINEER DATE 04-15-14  
 DOUGLAS E. SMITH No. 43549 Exp. 6/30/16 CIVIL  
 STATE OF CALIFORNIA

PLANS APPROVAL DATE 04-15-2014

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.

URS CORPORATION 2020 EAST FIRST STREET, SUITE 400 SANTA ANA, CA 92705  
 RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT 4080 LEMON STREET 8th FLOOR RIVERSIDE, CA 92502



**MODIFY SIGNAL AND LIGHTING (CITY SIGNAL LOCATION 1)**  
 SCALE 1"= 20'  
**E-27**

**1** REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 108 OF 115

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: [Blank]  
 CHECKED BY: [Blank]  
 OCTAVIO HERNANDEZ  
 KEITH RAND  
 REVISED BY: [Blank]  
 DATE REVISED: [Blank]

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

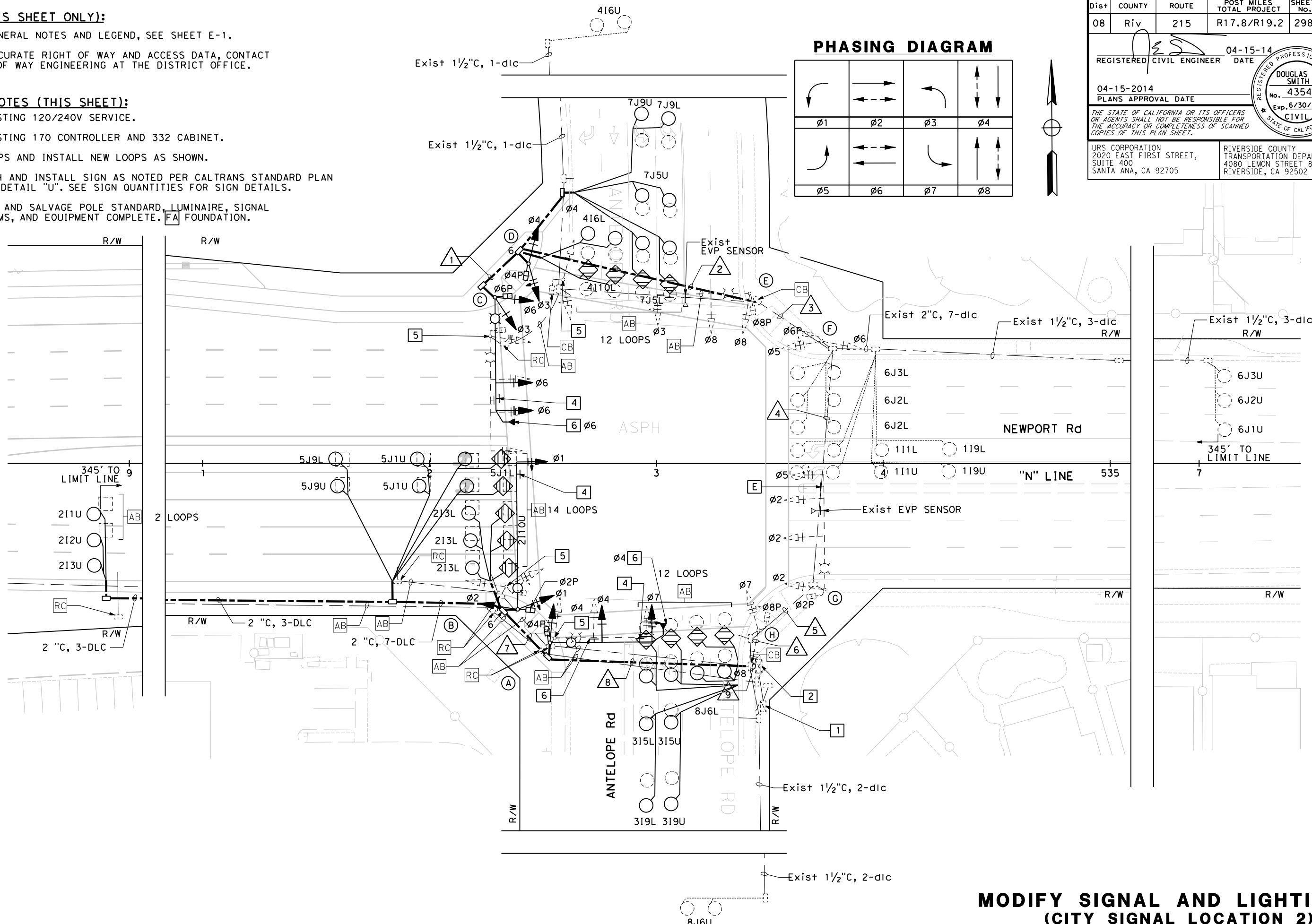
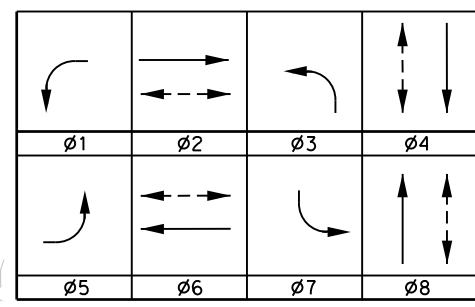
**PROJECT NOTES (THIS SHEET):**

- PP EXISTING 120/240V SERVICE.
- PP EXISTING 170 CONTROLLER AND 332 CABINET.
- AB LOOPS AND INSTALL NEW LOOPS AS SHOWN.
- FURNISH AND INSTALL SIGN AS NOTED PER CALTRANS STANDARD PLAN ES-7N, DETAIL "U". SEE SIGN QUANTITIES FOR SIGN DETAILS.
- REMOVE AND SALVAGE POLE STANDARD, LUMINAIRE, SIGNAL MASTARMS, AND EQUIPMENT COMPLETE. FA FOUNDATION.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	298	475

04-15-14  
 REGISTERED CIVIL ENGINEER DATE  
 04-15-2014  
 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.  
 URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705  
 RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502

**PHASING DIAGRAM**



1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

**MODIFY SIGNAL AND LIGHTING**  
 (CITY SIGNAL LOCATION 2)  
 SCALE 1"= 20'  
**E-29**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 109 OF 115

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	299	475

04-15-14  
REGISTERED CIVIL ENGINEER DATE  
04-15-2014  
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
DOUGLAS E. SMITH  
No. 43549  
Exp. 6/30/16  
CIVIL  
STATE OF CALIFORNIA

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URS CORPORATION  
2020 EAST FIRST STREET,  
SUITE 400  
SANTA ANA, CA 92705

RIVERSIDE COUNTY  
TRANSPORTATION DEPARTMENT  
4080 LEMON STREET 8th FLOOR  
RIVERSIDE, CA 92502

- NOTES (THIS SHEET ONLY):**
- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
  - FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**CONDUCTOR AND CONDUIT SCHEDULE**

CONDUCTOR DESIGNATION		NUMBER OF CONDUCTORS										
CABLE TYPE	S T D	PHASE	RUN NUMBER									
			1	2	*3	*4	*5	*6	7	8	*9	
VEH-PED 12CSC	(A)	4, 7, 4P	-	-	-	-	-	-	-	-	1	1
	(B)	1, 2, 2P	-	-	-	-	-	-	-	1	1	1
	(C)	3, 6, 6P	1	1	1	1	1	1	1	-	-	1
	(D)	3, 4, 4P	-	1	1	1	1	1	1	-	-	1
	(E)	3, 8, 8P	-	-	1	1	1	1	1	-	-	1
	(F)	5, 6, 6P	-	-	-	1	1	1	1	-	-	1
	(G)	2, 5, 0LA, 2P	-	-	-	-	2	2	1	-	-	2
	(H)	7, 8, 8P	-	-	-	-	-	1	1	-	-	1
TOTAL CABLES 12/3 CONDUCTORS			1	2	3	4	6	7	6	1	2	9
#8	GROUND		1	1	1	1	1	1	1	1	1	
#10	LUMINAIRE		2	2	2	2	2	2	2	2	2	
TYPE B DLC	1					4	4	4		5	5	4
	2											4
	3											4
	4		3	3	3	3	3					3
	5								4	4	4	4
	6					5	5	5	5	5	5	5
	7		4	4	4	4	4	4	4	4	4	4
	8											2
TOTAL DLCs PER RUN			7	7	16	16	16	16	18	18	31	
EV CABLE			1	1	2	2	3	3			1	4
PERCENT FILL (%)			10%	17%								
CONDUIT SIZE (in)			3"	4"	3.5"	3.5"	4"	4"	3"	4"	2-4"	

\* CONDUIT AND CONDUCTORS ARE EXISTING

**POLE AND EQUIPMENT SCHEDULE**

No.	STANDARD				VEHICLE SIGNAL MOUNTING				PEDESTRIAN SIGNAL		PPB		LUMINAIRE (WATTS)	REFLECTIVE STREET NAME SIGN	SPECIAL REQUIREMENTS	
	TYPE	SIG. MA	LUM. MA	LOCATION		PHASE	MAST ARM	PHASE	POLE	PHASE	MOUNTING	PHASE				ARROW
				A	B											
(A)	26-4-100(N)	45' (N)	15' (N)	13'	4'	4(N) 7(N)	MAS (N) MAS (N)	4(N)	SV-1-T (N)	4(N)	SP-1-T (N)	2	←	138 (N)	NEWPORT RD (N)	EVP (N)
(B)	61-5-100(N)	65' (N)	15' (N)	14'	4'	1(N)	MAS (N)	1(N) 2(N)	TV-2-T (N)	2(N)	SP-1-T (N)	4	→	138 (N)		
(C)	29-5-100	50' (N)	15' (N)	14'	3'	6(N) 6(N)	MAS (N) MAS (N)	3(N) 6(N)	SV-2-TA(N)	6(N)	SP-1-T (N)	4	←	138 (N)	ANTELOPE RD(N)	EVP (N)
(D)	1-A(N)			14'	3'			3(N) 4(N)	TV-2-T (N)	4(N)	SP-1-T (N)	6	→			
(E)	26-4-80	40'	15'	EXISTING	EXISTING	3 8	MAS MAS	8	SV-1-T	8	SP-1-T	6	←	250	NEWPORT RD	EVP
(F)	1-A			EXISTING	EXISTING			5 6	TV-2-T	6	SP-1-T	8	→			
(G)	29-5-80	50'	15'	EXISTING	EXISTING	2 5	MAS MAS MAS	5 2 2	SV-1-T	2	SP-1-T	8	←	250	ANTELOPE RD	EVP
(H)	1-A							7 8	TV-2-T	8	SP-1-T	2	→			

NOTE: ALL SIGNAL EQUIPMENT ARE EXISTING UNLESS OTHERWISE NOTED.  
(N) = NEW

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014  
APPROVED FOR ELECTRICAL WORK ONLY

**MODIFY SIGNAL AND LIGHTING**  
**(LOCATION 2)**  
NO SCALE  
**E-30**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
Jeffrey G. Chapman  
CONSULTANT FUNCTIONAL SUPERVISOR  
OCTAVIO HERNANDEZ  
KEITH RAND  
REVISOR BY DATE  
CALCULATED-DESIGNED BY CHECKED BY

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 110 OF 115  
LAST REVISION DATE PLOTTED => 11/16/2014 00-00-00 TIME PLOTTED => 10:59:35 AM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	300	475

04-15-14  
REGISTERED CIVIL ENGINEER DATE

04-15-2014  
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.

URS CORPORATION  
2020 EAST FIRST STREET,  
SUITE 400  
SANTA ANA, CA 92705

RIVERSIDE COUNTY  
TRANSPORTATION DEPARTMENT  
4080 LEMON STREET 8th FLOOR  
RIVERSIDE, CA 92502

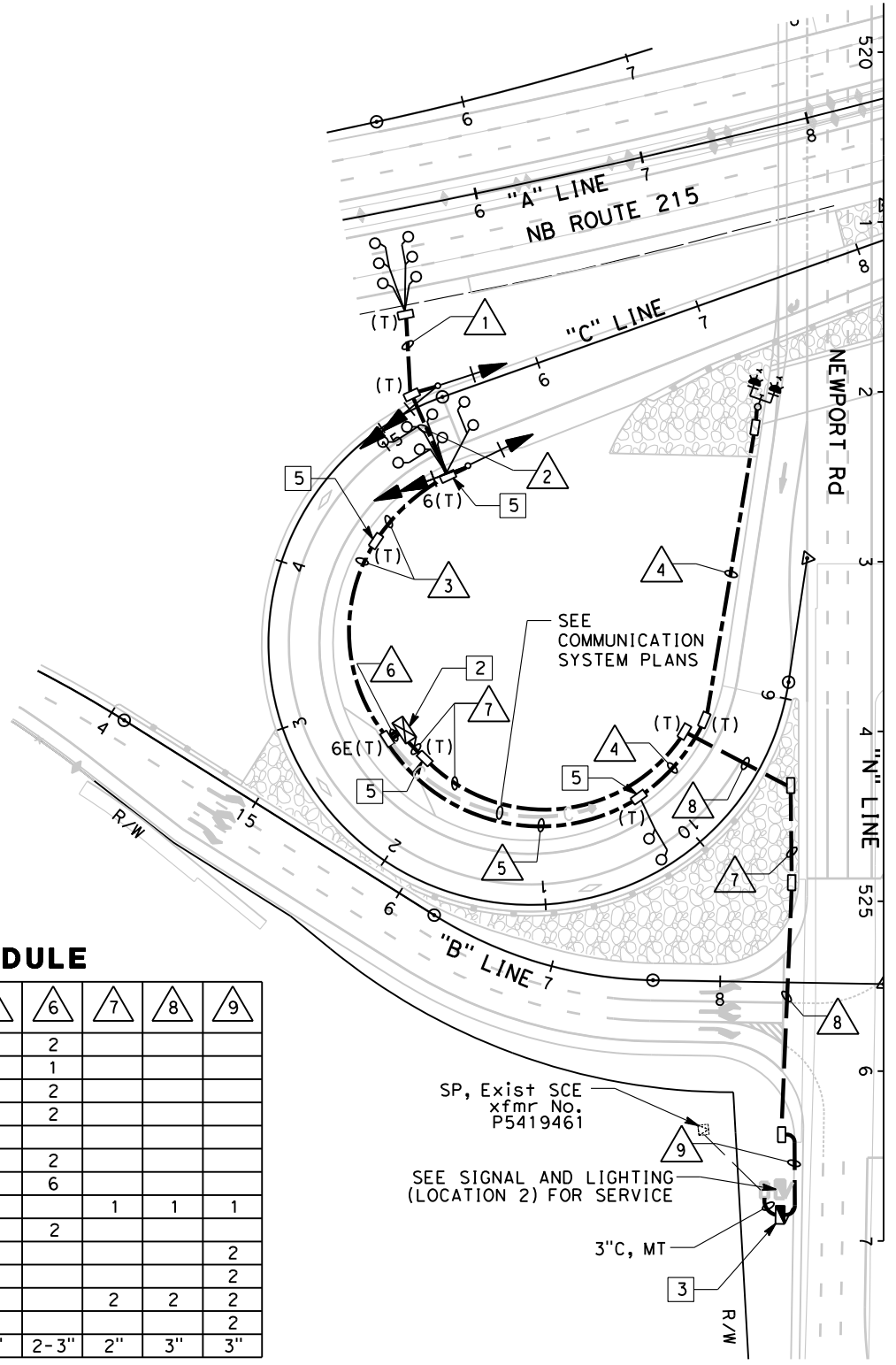
REGISTERED PROFESSIONAL ENGINEER  
DOUGLAS E. SMITH  
No. 43549  
Exp. 6/30/16  
CIVIL  
STATE OF CALIFORNIA

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**PROJECT NOTES (THIS SHEET):**

- SEE RAMP METERING SYSTEM DETAILS SHEET FOR RMS DETAILS.
- INSTALL STATE FURNISHED MODEL 170 CONTROLLER ASSEMBLY INTO NEW TYPE 334 CABINET WITH NEW FOUNDATION COMPLETE.
- INSTALL NEW 120/240 V TYPE III-CF SERVICE EQUIPMENT ENCLOSURE.  
(CTID: 08-056-215-0-018.504-M)  
METER No.1:  
-100 A, 240 V, 2P CB MAIN  
-30 A, 120 V, 1P CB (RAMP METERING)(LOCATION 1)  
-30 A, 120 V, 1P CB (RAMP METERING)(LOCATION 2)  
METER No.2:  
-100 A, 240 V, 2P CB MAIN  
-20 A, 120 V, 1P CB PTZ CCTV  
-20 A, 120 V, 1P CB TELEPHONE DEMARCATION
- ALL EXISTING PULL BOXES, CONDUITS, CONDUCTORS AND ELECTRICAL EQUIPMENT SHALL BE **PP** UNLESS OTHERWISE NOTED.
- BURY PULL BOX.



**CONDUCTOR AND CONDUIT SCHEDULE**

AWG OR CABLE	CONDUCTOR RUN	1	2	3	4	5	6	7	8	9
#14	FLASHING BEACON				2	2	2			
12CSC	RAMP SIGNAL		1	1			1			
TYPE B DLC	DEMAND DETECTOR			2			2			
	PASSAGE DETECTOR			2			2			
	COUNT DETECTOR					2	2			
	QUEUE DETECTOR					2	2			
	SURVEILLANCE DETECTOR	6	6	6			6			
#6	GROUND							1	1	1
#8	GROUND	1	1	1	1	1	2			
#8	SERVICE (PTZ CCTV)									2
#8	SERVICE (TELEPHONE DEMARCATION)									2
#6	SERVICE (RMS LOCATION 1)							2	2	2
#6	SERVICE (RMS LOCATION 2)							2	2	2
CONDUIT SIZE (INCHES)		2"	3"	3"	2"	2"	2-3"	2"	3"	3"

ALL CONDUIT AND CONDUCTORS ARE NEW.

**1** REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

**RAMP METERING SYSTEM  
(LOCATION 1)**  
SCALE 1" = 50'  
**E-31**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT SUPERVISOR: JEFFREY G. CHAPMAN

DESIGNED BY: ROSALVA URENO

CHECKED BY: KEITH RAND

REVISIONS:

NO.	DATE	DESCRIPTION
1	11/17/2014	REVISED PER ADDENDUM NO. 1

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 111 OF 115

DATE PLOTTED => 11/17/2014  
TIME PLOTTED => 4:24:01 PM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	301	475

04-15-14  
REGISTERED CIVIL ENGINEER DATE  
04-15-2014  
PLANS APPROVAL DATE

DOUGLAS E. SMITH  
No. 43549  
Exp. 6/30/16  
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.

URS CORPORATION  
2020 EAST FIRST STREET,  
SUITE 400  
SANTA ANA, CA 92705

RIVERSIDE COUNTY  
TRANSPORTATION DEPARTMENT  
4080 LEMON STREET 8th FLOOR  
RIVERSIDE, CA 92502

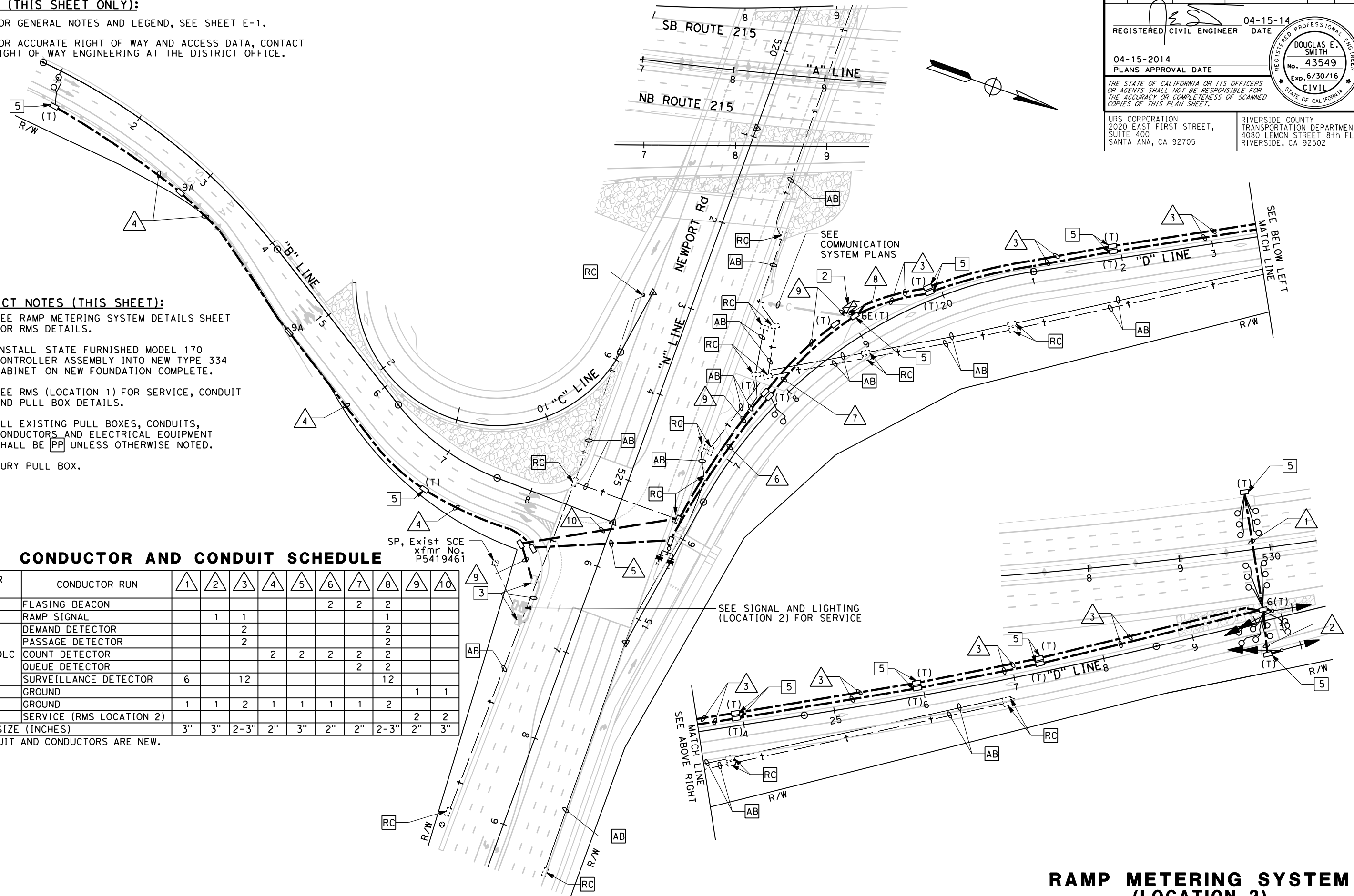
- NOTES (THIS SHEET ONLY):**
- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
  - FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

- PROJECT NOTES (THIS SHEET):**
- SEE RAMP METERING SYSTEM DETAILS SHEET FOR RMS DETAILS.
  - INSTALL STATE FURNISHED MODEL 170 CONTROLLER ASSEMBLY INTO NEW TYPE 334 CABINET ON NEW FOUNDATION COMPLETE.
  - SEE RMS (LOCATION 1) FOR SERVICE, CONDUIT AND PULL BOX DETAILS.
  - ALL EXISTING PULL BOXES, CONDUITS, CONDUCTORS AND ELECTRICAL EQUIPMENT SHALL BE PP UNLESS OTHERWISE NOTED.
  - BURY PULL BOX.

**CONDUCTOR AND CONDUIT SCHEDULE**

AWG OR CABLE	CONDUCTOR RUN	1	2	3	4	5	6	7	8	9	10
#14	FLASING BEACON					2	2	2			
12CSC	RAMP SIGNAL		1	1					1		
TYPE B DLC	DEMAND DETECTOR			2					2		
	PASSAGE DETECTOR			2					2		
	COUNT DETECTOR				2	2	2	2	2		
	QUEUE DETECTOR								2	2	
#6	SURVEILLANCE DETECTOR	6	12						12		
#6	GROUND									1	1
#8	GROUND	1	1	2	1	1	1	1	2		
#6	SERVICE (RMS LOCATION 2)									2	2
CONDUIT SIZE (INCHES)		3"	3"	2-3"	2"	3"	2"	2"	2-3"	2"	3"

ALL CONDUIT AND CONDUCTORS ARE NEW.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: ROSALVA URENO  
 CHECKED BY: KEITH RAND  
 REVISED BY: [blank]  
 DATE REVISED: [blank]

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

**RAMP METERING SYSTEM (LOCATION 2)**  
 SCALE 1" = 50'  
**E-32**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 112 OF 115

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT - FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: ROSALVA URENO  
 CHECKED BY: KEITH RAND  
 REVISED BY: [ ]  
 DATE REVISED: [ ]

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**PROJECT NOTES (THIS SHEET):**

- SEE RAMP METERING SYSTEM DETAILS SHEET FOR RMS DETAILS.
- INSTALL STATE FURNISHED MODEL 170 CONTROLLER ASSEMBLY INTO NEW TYPE 334 CABINET ON NEW FOUNDATION COMPLETE.
- SEE MODIFY LIGHTING AND SIGN ILLUMINATION PLANS FOR SERVICE, CONDUIT AND PULL BOX DETAILS.
- ALL EXISTING PULL BOXES, CONDUITS, CONDUCTORS AND ELECTRICAL EQUIPMENT SHALL BE **PP** UNLESS OTHERWISE NOTED.
- BURY PULL BOX.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	302	475

04-15-14  
 REGISTERED CIVIL ENGINEER DATE  
 04-15-2014  
 PLANS APPROVAL DATE

DOUGLAS E. SMITH  
 No. 43549  
 Exp. 6/30/16  
 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.

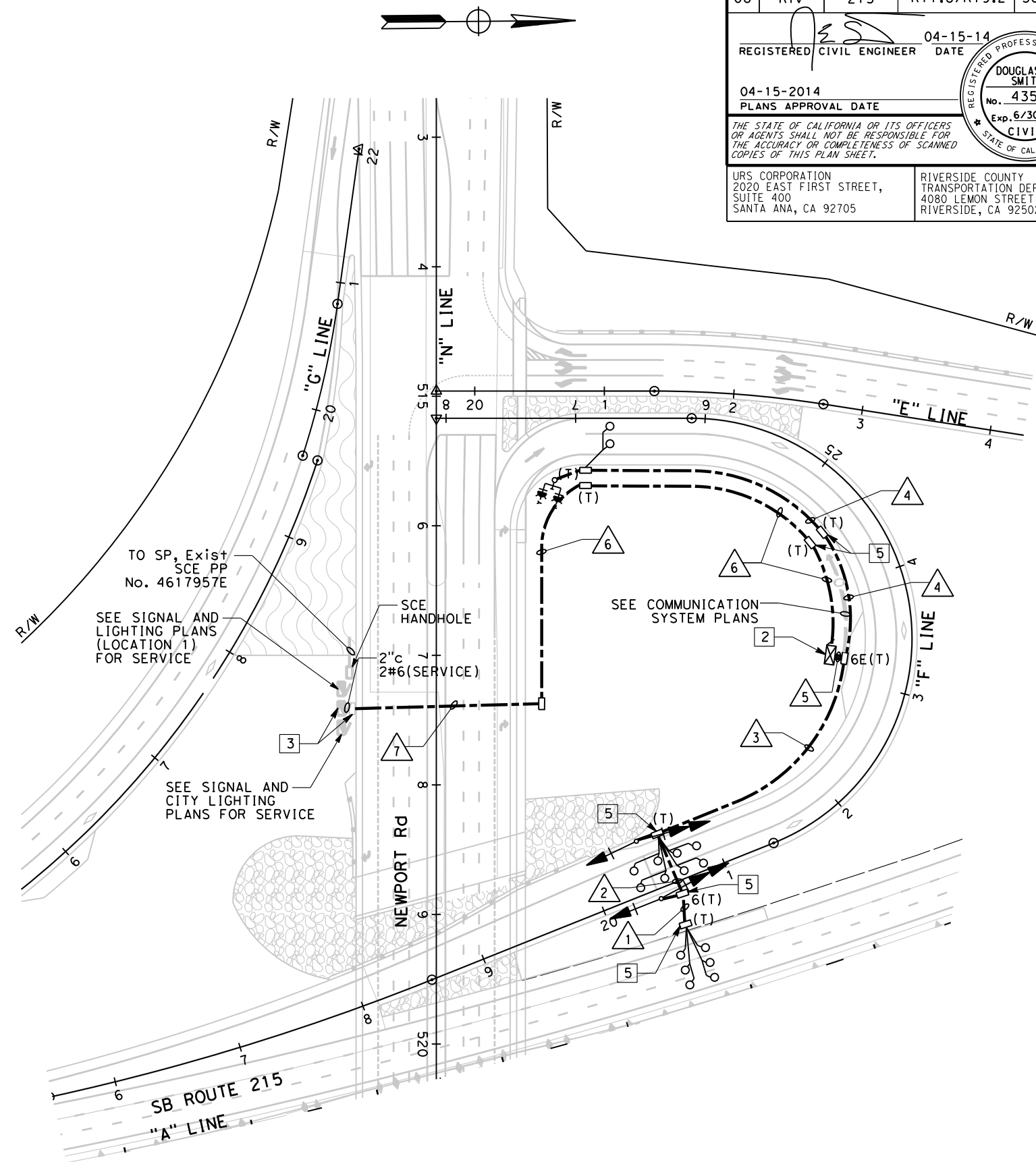
URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502

**CONDUCTOR AND CONDUIT SCHEDULE**

AWG OR CABLE	CONDUCTOR RUN	1	2	3	4	5	6	7
#14	FLASHING BEACON				2	2		
12CSC	RAMP SIGNAL		1	1		1		
TYPE B DLC	DEMAND DETECTOR			2		2		
	PASSAGE DETECTOR			2		2		
	COUNT DETECTOR							
	QUEUE DETECTOR				2	2		
	SURVEILLANCE	6	6	6		6		
#6	GROUND						1	1
#8	GROUND	1	1	1	1	2		
#6	SERVICE						2	2
CONDUIT SIZE (INCHES)		2"	3"	3"	2"	2-3"	2"	3"

ALL CONDUIT AND CONDUCTORS ARE NEW.



**1** REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014  
 APPROVED FOR ELECTRICAL WORK ONLY

**RAMP METERING SYSTEM  
 (LOCATION 3)  
 SCALE 1" = 50'  
 E-33**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 113 OF 115  
 LAST REVISION: DATE PLOTTED => 11/17/2014 00:00:00 TIME PLOTTED => 4:24:08 PM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	303	475

04-15-14  
REGISTERED CIVIL ENGINEER DATE  
04-15-2014  
PLANS APPROVAL DATE

DOUGLAS E. SMITH  
No. 43549  
Exp. 6/30/16  
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.

URS CORPORATION  
2020 EAST FIRST STREET,  
SUITE 400  
SANTA ANA, CA 92705

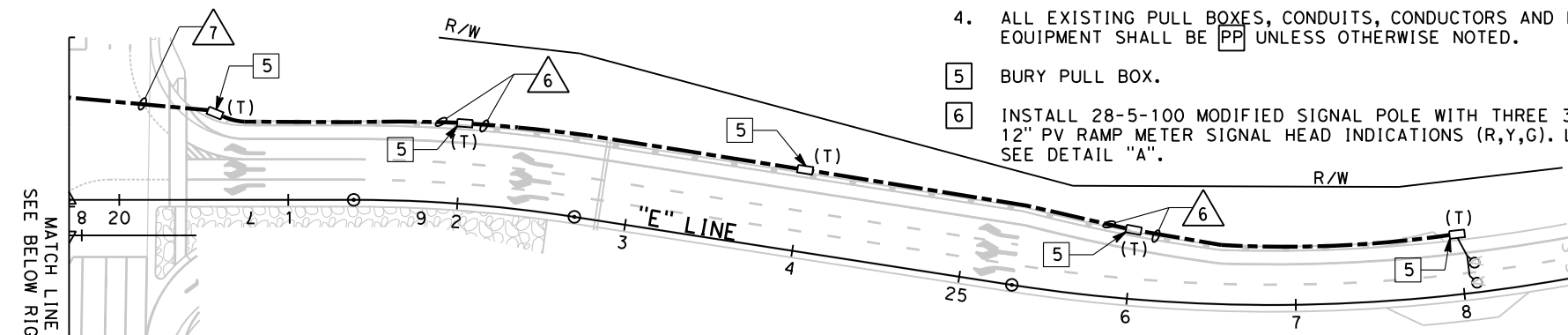
RIVERSIDE COUNTY  
TRANSPORTATION DEPARTMENT  
4080 LEMON STREET 8th FLOOR  
RIVERSIDE, CA 92502

**NOTES (THIS SHEET ONLY):**

- FOR GENERAL NOTES AND LEGEND, SEE SHEET E-1.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**PROJECT NOTES (THIS SHEET):**

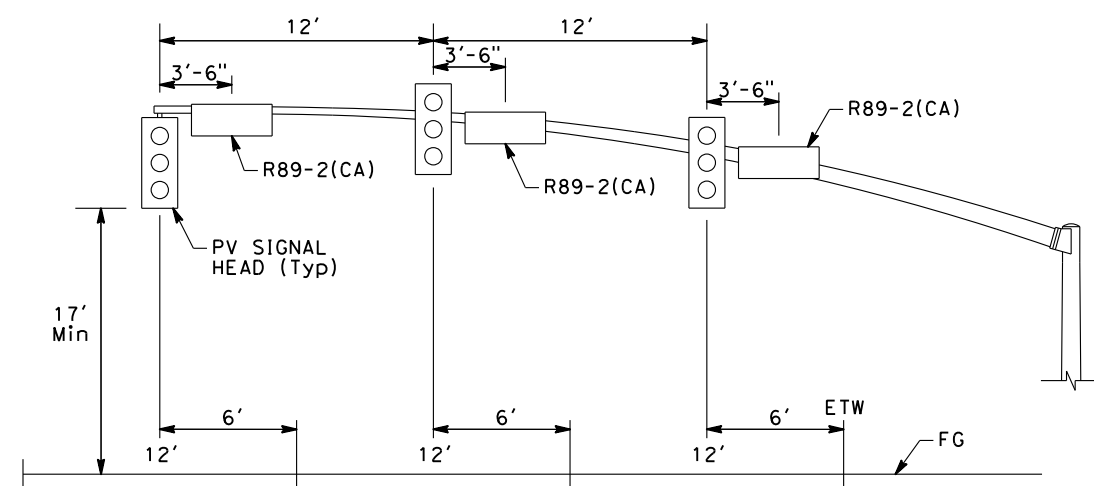
- SEE RAMP METERING SYSTEM DETAILS SHEET FOR RMS DETAILS.
- INSTALL STATE FURNISHED MODEL 170 CONTROLLER ASSEMBLY INTO NEW TYPE 334 CABINET ON NEW FOUNDATION COMPLETE.
- SEE MODIFY LIGHTING AND SIGN ILLUMINATION PLANS FOR SERVICE, CONDUIT AND PULL BOX DETAILS.
- ALL EXISTING PULL BOXES, CONDUITS, CONDUCTORS AND ELECTRICAL EQUIPMENT SHALL BE PP UNLESS OTHERWISE NOTED.
- BURY PULL BOX.
- INSTALL 28-5-100 MODIFIED SIGNAL POLE WITH THREE 3-SECTION 12" PV RAMP METER SIGNAL HEAD INDICATIONS (R,Y,G). LENGTH=50', f=12'.



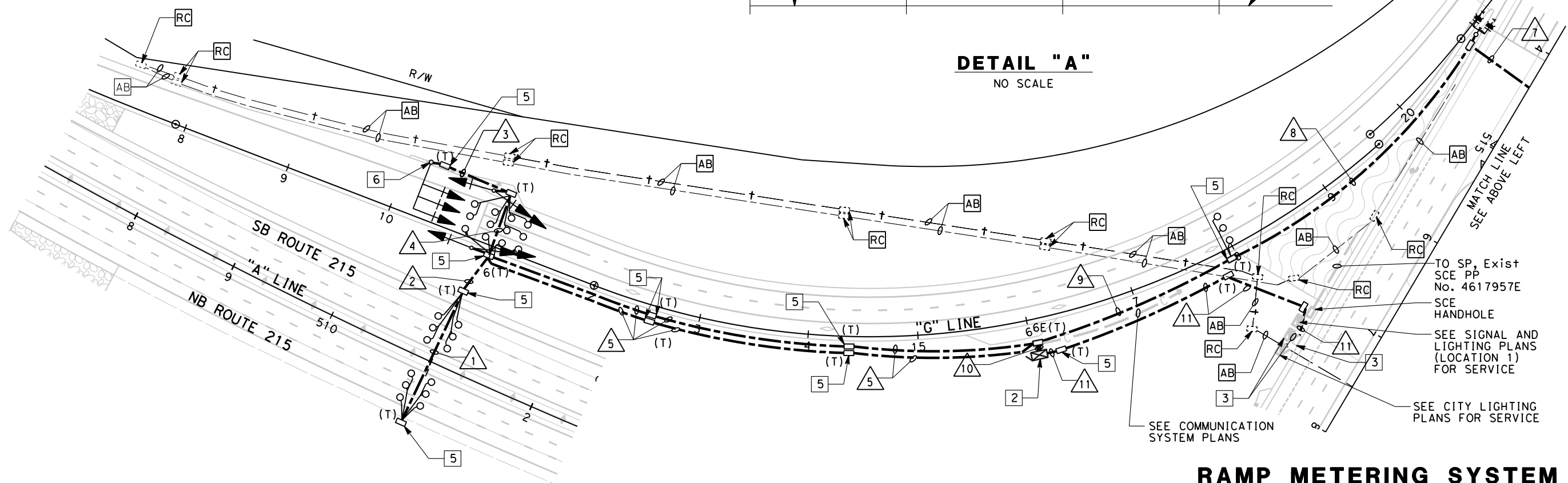
**CONDUCTOR AND CONDUIT SCHEDULE**

AWG OR CABLE	CONDUCTOR RUN	1	2	3	4	5	6	7	8	9	10	11
#14	FLASHING BEACON								2	2	2	
12CSC	RAMP SIGNAL			1	1	1					1	
TYPE B DLC	DEMAND DETECTOR				2	3					3	
	PASSAGE DETECTOR				2	3					3	
	COUNT DETECTOR						2	2	2	2	2	
	QUEUE DETECTOR									3	3	
	SURVEILLANCE	6	12				12				12	
#6	GROUND											1
#8	GROUND	1	1	1	1	2	1	1	1	1	2	
#6	SERVICE											2
CONDUIT SIZE (INCHES)		3"	3"	2"	3"	2-3"	2"	3"	2"	2"	2-3"	3"

ALL CONDUIT AND CONDUCTORS ARE NEW.



**DETAIL "A"**  
NO SCALE



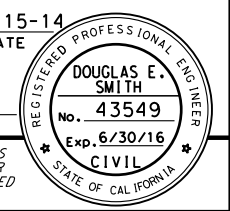
**RAMP METERING SYSTEM  
(LOCATION 4)  
SCALE 1"= 50'**

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

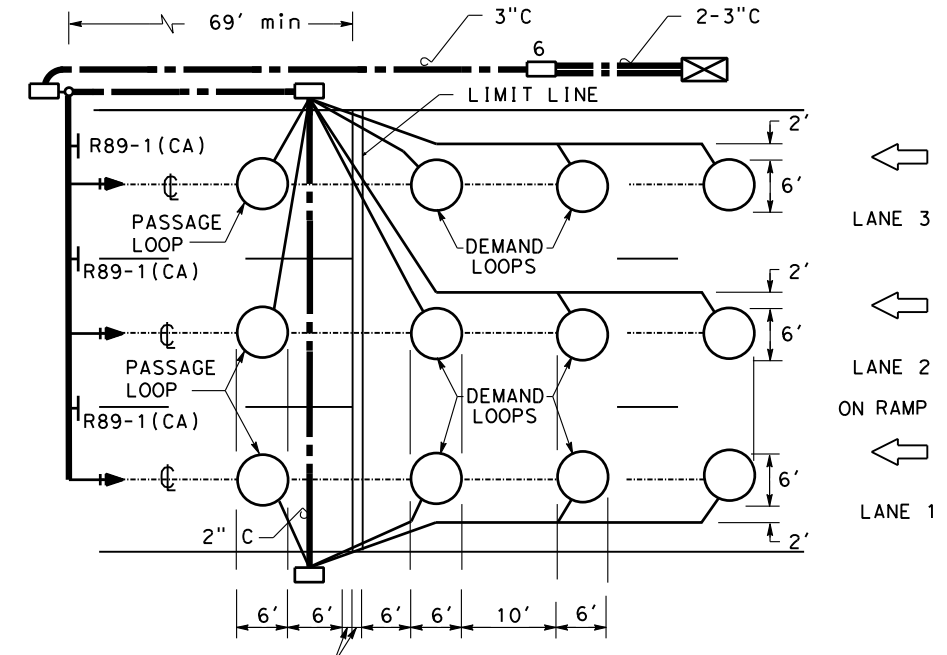
APPROVED FOR ELECTRICAL WORK ONLY

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 114 OF 115

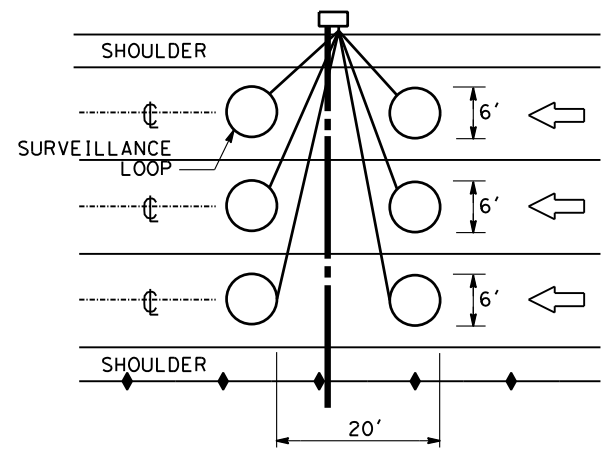
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	304	475
			04-15-14	REGISTERED CIVIL ENGINEER DATE	
			04-15-2014	PLANS APPROVAL DATE	
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
URS CORPORATION 2020 EAST FIRST STREET, SUITE 400 SANTA ANA, CA 92705			RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT 4080 LEMON STREET 8th FLOOR RIVERSIDE, CA 92502		



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 CONSULTANT FUNCTIONAL SUPERVISOR  
 CHECKED BY  
 CALCULATED/DESIGNED BY  
 REVISIONS  
 REVISED BY  
 DATE REVISED  
 ROSALVA URENO  
 KEITH RAND  
 JEFFREY G. CHAPMAN

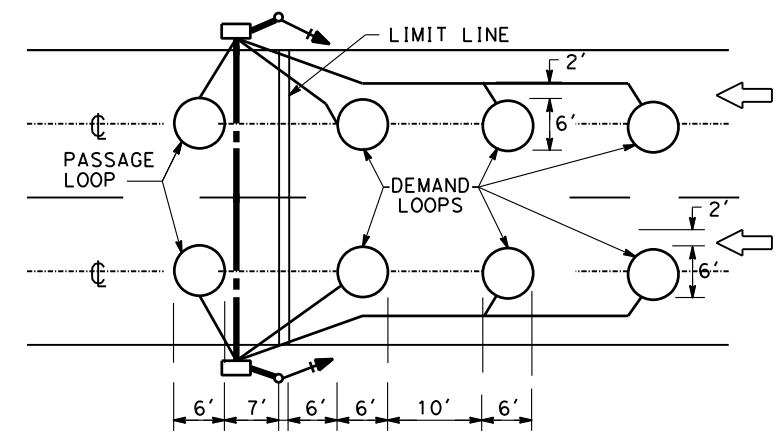


**TYPICAL 3-LANE RAMP METER INSTALLATION**

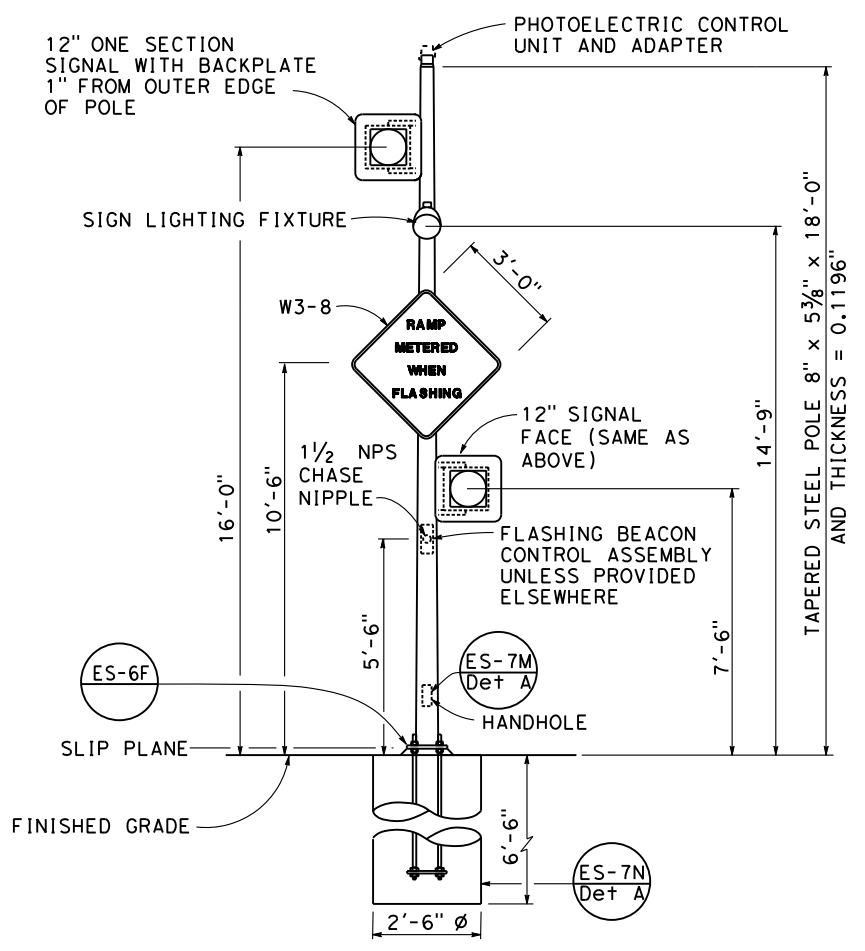


**TYPICAL 3-LANE MAIN LINE INSTALLATION**

- NOTES: (3-LANE MAIN LINE)**
1. LOOP CONDUCTOR MUST ONLY BE SLICED TO LEAD-IN CABLE AT TERMINATION PULL BOX, NO SPLICING IS ALLOWED IN MEDIAN PULL BOX.
  2. SEE S+d PLAN ES-5A FOR ADDITIONAL DETAILS ON DETECTOR INSTALLATION.
  3. SEE S+d PLAN ES-5B FOR DETAILS ON TYPE E DETECTOR CONFIGURATION.

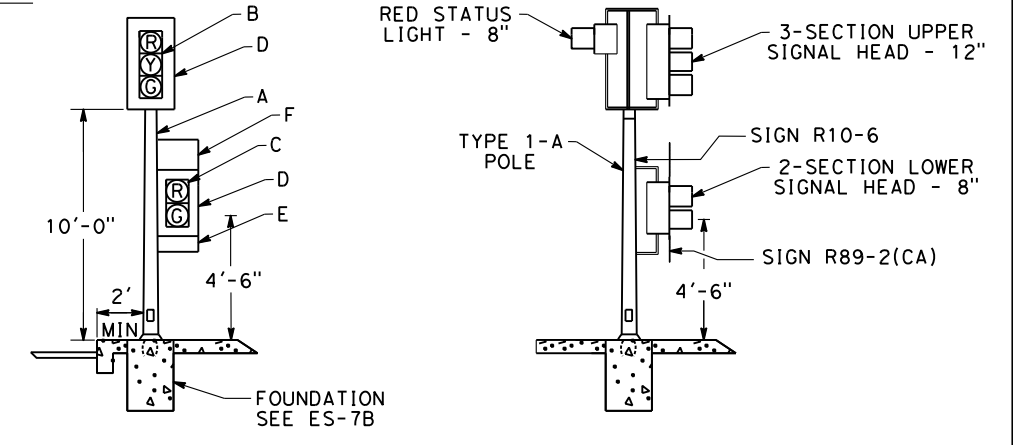


**TYPICAL 2-LANE RAMP METER INSTALLATION**



**TYPE 15-FBS  
ADVANCE FLASHING BEACON WITH SLIP BASE DETAIL**

- NOTES: (TYPE 15-FBS)**
1. SEE S+d PLAN ES-7J FOR ADDITIONAL DETAILS ON FLASHING BEACON INSTALLATION.



**RAMP METERING SIGNAL DETAILS**

- NOTES: (RAMP METERING SIGNAL)**
- A. TYPE 1-A STANDARD. INSTALL ANCHOR BOLTS WITH SLEEVE NUTS (SEE ES-7B).
  - B. 3-SECTION 12" SIGNAL HEAD (RED, YELLOW, GREEN). 18" X 12" ANGLED VISORS ARE REQUIRED WHERE SHOWN ON THE PLAN. TYPE TV-1-T POST-TOP MOUNTING.
  - C. 2-SECTION, 8" SIGNAL HEAD (RED, GREEN), 8" FULL CIRCLE VISOR TYPE SV-1-T BRACKET MOUNTING ON SIDE OF STANDARD AWAY FROM TRAFFIC.
  - D. BACKPLATE.
  - E. R89-2(CA) SIGN. MOUNTED ON THE BACK PLATE AND CENTERED BETWEEN GREEN SECTION AND BOTTOM OF BACK PLATE. ATTACH WITH 1/4" ALUMINUM BLIND RIVETS OR GALVANIZED 1/4" X 3/4" BOLTS, HEX NUTS, PLAIN AND LOCK WASHERS.
  - F. R10-6 SIGN. MOUNTED ON SIGNAL STANDARD, CENTERED BETWEEN 3-SECTION AND 2-SECTION VEHICLE HEADS. SEE S+d PLAN RS4 FOR INSTALLATION DETAILS.

1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR ELECTRICAL WORK ONLY

**RAMP METERING SYSTEM  
(DETAILS)**  
NO SCALE **E-35**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 115 OF 115



# COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
Assistant Director of Transportation

Juan C. Perez, P.E., T.E.  
Director of Transportation and Land  
Management

## Transportation Department

### ADDENDUM NUMBER 2

Dated November 20, 2014

to the

Specifications and Contract Documents  
for the construction of

**Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)**

**Bids Due: (REVISED)  
Wednesday, December 10, 2014; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780**

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

### MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

**Item 1:** The new designated date and time for the receipt and opening of bids is revised as follows:

**Wednesday, December 10, 2014; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780**

Plan holders are advised of Instruction to Bidder's item 6, "Interpretation of Documents" regarding RFI inquires and response instruction. The 5<sup>th</sup> business day prior to the bid closing deadline is brought to your attention.

Prepared by:   
Joel Jimenez, PE; Senior Civil Engineer; Contracts/Bidding Unit

Acknowledged: \_\_\_\_\_ Date: \_\_\_\_\_  
(Contractor)

JRJ:jrj



Juan C. Perez, P.E., T.E.  
Director of Transportation and Land  
Management

# COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
Assistant Director of Transportation

## Transportation Department

### ADDENDUM NUMBER 3

Dated December 3, 2014

to the  
Specifications and Contract Documents  
for the construction of

Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)

**Bids Due:** Wednesday, December 10, 2014; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

This Addendum is issued pursuant to Section 8 of Instructions to Bidders of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the plans and specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Bid. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted Bid.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

### MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

**Item 1:** **Revised Proposal.** Refer to "Revised Proposal" page B2-B9 issued by Addendum No.1. Delete and replace previously issued "Revised Proposal" with re-revised proposal attached herewith as **Attachment "A"**. Revised proposal issued by addendum 3 will supersede previously issued bid proposals. The following revisions have been made to the bid Proposal:

- a. "ESTIMATED QUANTITY" is revised for the following bid items:
  - Item 48, "REMOVE ASPHALT CONCRETE PAVEMENT"
  - Item 50, "REMOVE ROCK SLOPE PROTECTION"
  - Item 110, "HOT MIX ASPHALT (TYPE A)"
  - Item 119, "ISOLATION JOINT SEAL (SILICONE)"

- Item 168, "ROCK SLOPE PROTECTION (1/4T, METHOD B)"
- Item 169, "ROCK SLOPE PROTECTION (LIGHT, METHOD B)"
- Item 170, "ROCK SLOPE PROTECTION (NO. 2, METHOD B)"
- Item 173, "ROCK SLOPE PROTECTION FABRIC (CLASS 8)"

b. "ITEM CODE" and "ITEM" are revised from the following bid items:

- Item 212, "THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)"

**See Attachment "A"**

**Item 2: Cooperation.**

Refer to Section 00-1.14 (Book 1 of 2, page 7). Delete the table in fourth paragraph and replace with the following:

Contract No.	Co-Rte-KP	Location	Type of Work
08-0F1624	Riv-215-PM R14.2/R28.5	Menifee, Perris	Highway Construction
City of Menifee	Newport Road	Between Evans Rd and Haun Rd	Roadway Widening
City of Menifee	Holland Rd Overcrossing	Between Newport Rd and Scott Rd	Freeway overcrossing
	Menifee Lake Development Project	NE quadrant of I-215 and Newport Rd	Commercial Development

**Item 3: Federal Minimum Wages Update.**

Refer to Appendix D entitled "Federal Prevailing Wages Decision", pages 1 through 22. Delete and replace these pages with the following:

Federal wage determination, General Decision No. CA140036-CA36, Modification No. 20, dated **11/07/2014**, shall apply to this project. This document is available upon request from the Transportation Department: (951) 955-6780, and also posted on following County website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

**Item 4: Payment.** Refer to Section 59-7.04 of the Standard Specifications, delete and replace with the following:

"Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in preparing and staining the drystack surface texture shall be considered as included in the contract price paid per square foot for ARCHITECTURAL SURFACE (BARRIER), bid item 134, and no additional compensation will be allowed therefor."

**Item 5:**        **Supplemental Project Information.** Refer to Addendum No.1, item 6 and Section 2-1.06B "Supplemental Project Information" (Book 1 of 2, starting on page 23).

The following document is added to the list of Supplemental Project Information and is available to download for your use at the following County website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

- Temporary Water Pollution Control Exhibits

**Item 6:**        **Test Panel.** Refer to Section 51-1.03G(1) (Book 1 of 2, page 88), delete and replace with the following:

"Construct a test panel, including any staining described, for each type of surface texture shown, for approval by the Engineer.

Drystack surface texture must simulate the appearance of split or broken stones in irregularly layered rock stonework. The texture must not have repetitive or secondary shadows or patterns and shall be similar in texture, color and pattern to the drystack surface texture on the existing bridge railing of the Vista Village Drive overcrossing over State Route 78 in the City of Vista, California.

Stain the drystack surface texture under section 59-7."

**Item 7:**        **Payment.** Refer to Section 51-1.04 (Book 1 of 2, page 88), delete and replace with the following:

"Payment for furnishing all labor, materials, tools, equipment, and incidentals, for doing all work involved in installing the casing and its assembly as shown on the plans and as directed by the Engineer, including necessary coordination with the Gas Company's representatives is included in the payment for 12" welded steel pipe casing (bridge) and no additional compensation will be allowed therefor.

The contract price paid per square foot for ARCHITECTURAL SURFACE (BARRIER), bid item 134, shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in architectural surface (barrier) complete in place, including test panels, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer."

**Item 8:**        **Alternative In-Line Terminal System.** Refer to Section 83-1.02C(2) (Book 1 of 2, page 95), delete and replace with the following:

"Alternative in-line terminal system must be furnished and installed as shown on the plans and under these special provisions.

The allowable alternatives for an in-line terminal system must consist of one of the following or a Department-authorized equal.

1. TYPE SKT-SP-MGS for steel posts or Type SKT-W-MGS for wood posts TERMINAL SYSTEM - Type SKT-MGS terminal system must be a SKT 350 sequential kinking terminal, system length 53'-1-1/2", manufactured by Road Systems, Inc., located in Big Spring, Texas, and must include items detailed for Type SKT-MGS terminal system shown on the plans. The SKT 350 sequential kinking terminal can be obtained from the distributor, Universal Industrial Sales, P.O. Box 699, Pleasant Grove, UT 84062, telephone (801) 785-0505 or from the distributor, Gregory Highway Products, 4100 13th Street, S.W., Canton, OH 44708, telephone (330) 477-4800.
2. TYPE X-LITE - Type X-Lite terminal system must be a 31" X-Lite Guard Rail End Terminal as manufactured by Barrier Systems, Inc., located in Vacaville, CA, and must include items detailed for Type 31" X-Lite terminal system shown on the plans. The 31" X-Lite Guard Rail End Terminal can be obtained from the distributor, Statewide Safety and Signs, Inc., 130 Grobric Court, Fairfield, CA 94533, telephone (800) 770-2644.
3. TYPE 31" X-TENSION - Type 31" X-Tension terminal system must be a 31" X-Tension Guard Rail End Terminal as manufactured by Barrier Systems, Inc., located in Vacaville, CA, and must include items detailed for Type 31" X-Tension terminal system shown on the plans. The 31" X-Tension Guard Rail End Terminal can be obtained from the distributor, Statewide Safety and Signs, Inc., 130 Grobric Court, Fairfield, CA 94533, telephone (800) 770-2644.

Submit a certificate of compliance for terminal systems.

Terminal systems must be installed under the manufacturer's installation instructions and these specifications. Each terminal system installed must be identified by painting the type of terminal system in neat black letters and figures 2 inches high on the backside of the rail element between system posts numbers 4 and 5. Paint must be metallic acrylic resin type spray paint. Before applying terminal system identification, the surface to receive terminal system identification must be removed of all dirt, grease, oil, salt, or other contaminants by washing the surface with detergent or other suitable cleaner. Rinse thoroughly with fresh water and allow to fully dry.

For Type SKT-SP-MGS terminal system, install the soil tube with soil plate attached at Post 1, hinged breakaway post at Post 2, and 6'-0" W6 x 9 steel posts at Posts 3 through 8. Use a W6 x 15 steel post at Post 1. The soil tube with soil plate must be, at the Contractor's option, driven with or without pilot holes, or placed in drilled holes. Space around the steel foundation tubes must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted.

For Type SKT-W-MGS terminal system, install the soil tube with soil plate attached at Post 1, breakaway cable terminal post at Post 2, and controlled release terminal posts at Posts 3 through 8. The soil tube must be, at the Contractor's option, driven with or without pilot holes, or placed in a drilled hole. Space around the steel foundation tube must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted. A wood post must be inserted into the steel foundation tube by hand. Before the wood terminal post is inserted, the inside surfaces of the steel foundation tube to receive the wood post must be coated with a grease that will not melt or run at a temperature of 149 degrees F or less. The edge of the wood post may be slightly rounded to facilitate insertion of the post into the steel foundation tube.

For Type 31" X-Lite terminal system, all crimped posts and line posts must be W6 x 8.5 or W6 x 9 steel posts. All posts, must be, at the Contractor's option, either driven

or placed in drilled holes. Space around the crimped posts, Post 2 with attached soil plate and lines posts must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted. All blocks must be wood or plastic.

For Type 31" X-Tension terminal system, the steel post and soil anchor must be, at the Contractor's option, driven with or without pilot holes, or placed in drilled holes. Space around the steel post and soil anchor must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted. The wood terminal posts must be inserted into the drilled holes by hand and backfilled in the same manner as the steel post and soil anchor. Wood terminal posts must not be driven. All blocks must be wood or plastic.

For Type 31" X-Tension terminal system, the steel bottom post and I-beam post must be placed in drilled hole. The soil anchor and steel line posts must be, at the Contractor's option, either driven or placed in drilled holes. Space around the steel bottom post, steel line posts and soil anchor must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted. All blocks must be plastic.

After installing the terminal system, dispose of surplus excavated material in a uniform manner along the adjacent roadway where designated by the Engineer."

**Item 9:** **Traffic Stripes and Pavement Markings.** Delete Section 84-6 (Book 1 of 2, starting on page 98).

**Item 10:** **Construction Sequencing.** Refer to Section SC-30 (Book 2 of 2, page SC-9), delete the following:

"7. Construct 8" PVC Recycled waterline between Haun Rd. and bridge overpass."

**Item 11:** **Recycled Water Identification.** Refer to Section SC-31 (Book 2 of 2, page SC-9), delete the section.

**Item 12:** **Project Information; Questions and Responses.**  
Questions and Responses information list is available as a free download at the following County website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

This (downloadable) file is provided for reference only. For any discrepancy written on the Questions and Responses, the Contractor shall conform to the contract documents.

The Contractor Questions and Responses are included as **Attachment "B"**.

**See Attachment "B"**

## **MODIFICATIONS / CLARIFICATIONS TO PLANS**

### **Item 13: General Note Correction for Ground Anchor Wall**

Refer to plan sheet 433, General Notes for Structural Shotcrete is deleted and replaced with the following:

#### **STRUCTURAL SHOTCRETE:**

$f'c = 3.6 \text{ ksi @ 28 days}$

$f'ci = 3.25 \text{ ksi @ time of stressing}$

$f_y = 60 \text{ ksi}$

**Item 14: Plan sheet revisions.** The following plan sheets are revised by **Attachment "C"** and made a part hereof. Changes to plan sheets "X-1" and "DD-3" are indicated with a cloud. Changes to the "DQ" and "Q" plan sheets listed below are reflected in the revised quantities in the "Revised Proposal" in **Attachment "A"**.

Delete and replace the following twelve (12) plan sheets:

1. Plan sheet 2 of 475, X-1 (Replaces plan sheet issued by Addendum No. 1)
2. Plan sheet 102 of 475, DD-3
3. Plan sheet 121 of 475, DQ-1 (Replaces plan sheet issued by Addendum No. 1)
4. Plan sheet 122 of 475, DQ-2
5. Plan sheet 123 of 475, DQ-3 (Replaces plan sheet issued by Addendum No. 1)
6. Plan sheet 124 of 475, DQ-4
7. Plan sheet 125 of 475, DQ-5
8. Plan sheet 126 of 475, DQ-6
9. Plan sheet 127 of 475, DQ-7
10. Plan sheet 128 of 475, DQ-8 (Replaces plan sheet issued by Addendum No. 1)
11. Plan sheet 129 of 475, DQ-9 (Replaces plan sheet issued by Addendum No. 1)
12. Plan sheet 233 of 475, Q-1 (Replaces plan sheet issued by Addendum No. 1)

#### **See Attachment "C"**

**Note:** All revised plan sheets are posted on following website and available for download during the advertisement period.

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

This addendum for Interstate 215 at Newport Road, Interchange Improvements Project has been prepared under the direction of the following registered Civil Engineer(s):

**HIGHWAY**

*Stephanie Hillebrand*

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**Stephanie Hillebrand, PE**

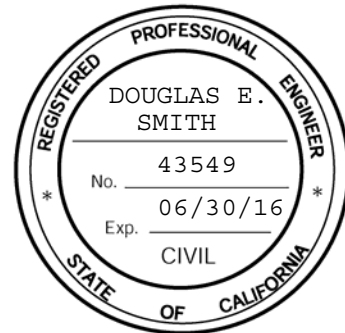


**TRAFFIC AND ELECTRICAL**

*Douglas E. Smith*

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**Douglas E. Smith, PE**

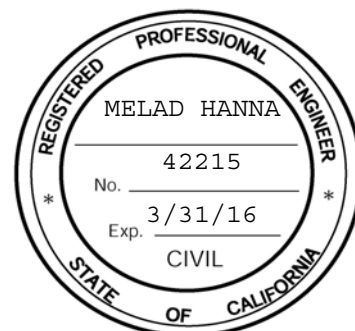


**STRUCTURES**

*Melad Hanna*

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**Melad Hanna, PE**



**Recommended by:**



\_\_\_\_\_  
Cindi Wachi, PE  
County Project Manager

**Concurrence:**



12/3/14

\_\_\_\_\_  
Khalid Nasim, PE  
Engineering Division Manager

**Acknowledged:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
(Contractor)

JRJ:jrj:sb

Note: Refer to Section 8, "Addenda" (Book 1 of 2, page A5). Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of **only this** acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page (B1) of the Bid form (Proposal).

## **ATTACHMENTS**

**A – Revised Proposal**

**B – Questions and Responses**

**C – Interstate 215 at Newport Road Interchange Improvements Revised Plan Sheets (12)**

**Interstate 215 at Newport Road  
Interchange Improvements  
in the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN- 5956(234)**

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
1	170101	DEVELOP WATER SUPPLY	LS	1		
2	066016	JUST-IN-TIME TRAINING	LS	1		
3	066017A	COURSE OF CONSTRUCTION INSURANCE	LS	1		
4	066105A	RESIDENT ENGINEERS OFFICE	LS	1		
5	070030	LEAD COMPLIANCE PLAN	LS	1		
6	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1		
7	120090	CONSTRUCTION AREA SIGNS	LS	1		
8	120100	TRAFFIC CONTROL SYSTEM	LS	1		
9	120116	TYPE II BARRICADE	EA	<b>3</b>		
10	120120	TYPE III BARRICADE	EA	<b>7</b>		
11	120165	CHANNELIZER (SURFACE MOUNTED)	EA	<b>750</b>		
12	120300	TEMPORARY PAVEMENT MARKER	EA	<b>3,930</b>		
13	128601A	TEMPORARY SIGNAL SYSTEM (LOCATION 1)	LS	1		
14	128602A	TEMPORARY SIGNAL SYSTEM (LOCATION 2)	LS	1		
15	<b>128651</b>	<b>PORTABLE CHANGEABLE MESSAGE SIGN (EA)</b>	EA	10		
16	129000	TEMPORARY RAILING (TYPE K)	LF	<b>47,600</b>		
17	129100	TEMPORARY CRASH CUSHION MODULE	EA	<b>290</b>		
18	129150	TEMPORARY TRAFFIC SCREEN	LF	<b>47,600</b>		
19	130100	JOB SITE MANAGEMENT	LS	1		
20	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1		
21	130330	STORM WATER ANNUAL REPORT	EA	2		
22	130570	TEMPORARY COVER	SQYD	3,030		
23	130560	TEMPORARY SOIL BINDER	SQYD	<b>174,000</b>		
24	130610	TEMPORARY CHECK DAM	LF	630		
25	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	<b>66</b>		
26	130640	TEMPORARY FIBER ROLL	LF	<b>112,000</b>		
27	130650	TEMPORARY GRAVEL BAG BERM	LF	<b>3,430</b>		
28	130680	TEMPORARY SILT FENCE	LF	14,200		

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
29	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	12		
30	130720	TEMPORARY CONSTRUCTION ROADWAY	SQYD	300		
31	130730	STREET SWEEPING	LS	1		
32	130900	TEMPORARY CONCRETE WASHOUT	LS	1		
33	130901A	TEMPORARY STREAM CROSSING	LS	1		
34	130902A	TEMPORARY CLEAR WATER DIVERSION	LS	1		
35	141000	TEMPORARY FENCE (TYPE ESA)	LF	2,610		
36	141120	TREATED WOOD WASTE	LB	8,740		
37	148005	NOISE MONITORING	LS	1		
38	150204	ABANDON CULVERT	LF	39		
39	150608	REMOVE CHAIN LINK FENCE	LF	3,630		
40	150658A	REMOVE TEMPORARY TERMINAL SECTION (TYPE K)	EA	2		
41	150661	REMOVE GUARDRAIL	LF	230		
42	150668	REMOVE FLARED END SECTION	EA	15		
43	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	<b>138,000</b>		
44	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	2,960		
45	150722	REMOVE PAVEMENT MARKER	EA	<b>2,350</b>		
46	150742	REMOVE ROADSIDE SIGN	EA	63		
47	150757	REMOVE SIGN STRUCTURE	EA	2		
48	150770	REMOVE ASPHALT CONCRETE PAVEMENT	SQFT	<b>13,600</b>		
49	150801	REMOVE OVERSIDE DRAIN	EA	5		
50	150802A	REMOVE ROCK SLOPE PROTECTION	CY	<b>180</b>		
51	150809	REMOVE CULVERT	LF	1,360		
52	150814	REMOVE DOWNDRAIN	EA	2		
53	150820	REMOVE INLET	EA	10		
54	150832	REMOVE RETAINING WALL	CY	2		
55	152390	RELOCATE ROADSIDE SIGN	EA	8		
56	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	<b>98,500</b>		
57	153121	REMOVE CONCRETE	CY	81		
58	153123A	REMOVE CONCRETE (CROSS GUTTER)	SQYD	190		
59	153130	REMOVE CONCRETE CURB	LF	3,730		
60	153140	REMOVE CONCRETE SIDEWALK	SQYD	3,240		
61	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	4,640		

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
62	153221	REMOVE CONCRETE BARRIER	LF	380		
63	153229	REMOVE CONCRETE BARRIER (TYPE K)	LF	2,060		
64	155007	CAP MANHOLE	EA	1		
65	156585	REMOVE CRASH CUSHION	EA	3		
66	157550	BRIDGE REMOVAL	LS	1		
67	157561	BRIDGE REMOVAL (PORTION), LOCATION A	LS	1		
68	157562	BRIDGE REMOVAL (PORTION), LOCATION B	LS	1		
69	160102	CLEARING AND GRUBBING	LS	1		
70	190101 (F)	ROADWAY EXCAVATION	CY	<b>165,000</b>		
71	192003 (F)	STRUCTURE EXCAVATION (BRIDGE)	CY	<b>3,121</b>		
72	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	<b>3,893</b>		
73	192060 (F)	STRUCTURE EXCAVATION (GROUND ANCHOR WALL)	CY	234		
74	193003 (F)	STRUCTURE BACKFILL (BRIDGE)	CY	2,117		
75	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	<b>6,385</b>		
76	193027 (F)	STRUCTURE BACKFILL (GROUND ANCHOR WALL)	CY	26		
77	193031 (F)	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	<b>256</b>		
78	193118 (F)	CONCRETE BACKFILL	CY	1.2		
79	198010	IMPORTED BORROW	CY	180,000		
80	200114	ROCK BLANKET	SQYD	8,020		
81	200002	ROADSIDE CLEARING	LS	1		
82	202037	ORGANIC FERTILIZER	LB	48		
83	204011A	PLANT (GROUP K) (48" BOX)	EA	16		
84	<b>204099A</b>	PLANT ESTABLISHMENT WORK [PER MONTH]	EA	36		
85	205035	WOOD MULCH	CY	2.4		
86	206559	CONTROL AND NEUTRAL CONDUCTORS (ARMOR-CLAD)	LS	1		
87	206562 (P)	1" REMOTE CONTROL VALVE	EA	1		
88	206631	1" WYE STRAINER ASSEMBLY	EA	1		
89	206762 (P)	30-42 STATION IRRIGATION CONTROLLER (PEDESTAL MOUNTED)	EA	4		
90	208304	WATER METER	EA	1		
91	208423 (P)	1" BACKFLOW PREVENTER ASSEMBLY	EA	1		
92	208440 (P)	BACKFLOW PREVENTER ENCLOSURE	EA	1		
93	208442 (P)	FLOW SENSOR	EA	1		
94	208445 (P)	TREE WELL SPRINKLER ASSEMBLY	EA	48		

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
95	208572 (P)	1" GATE VALVE	EA	5		
96	208594 (P-F)	3/4" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	2,240		
97	208595 (P-F)	1" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	436		
98	208610A (P-F)	1 1/2" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	1,134		
99	208768 (P-F)	12" BITUMINOUS COATED CORRUGATED STEEL PIPE CONDUIT (0.064" THICK)	LF	852		
100	210010	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	6		
101	210270	ROLLED EROSION CONTROL PRODUCT (NETTING)	SQFT	21,300		
102	210300	HYDROMULCH	SQFT	878,000		
103	210420	STRAW	SQFT	878,000		
104	210430	HYDROSEED	SQFT	900,000		
105	210600	COMPOST	SQFT	900,000		
106	260203	CLASS 2 AGGREGATE BASE	CY	5,970		
107	280000	LEAN CONCRETE BASE	CY	7,910		
108	390011	PREPAVING INERTIAL PROFILER	LS	1		
109	390129	HOT MIX ASPHALT (TYPE C)	TON	9,450		
110	390132	HOT MIX ASPHALT (TYPE A)	TON	7,560		
111	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	4,770		
112	394053	SHOULDER RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)	STA	180		
113	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	61		
114	395000	LIQUID ASPHALT (PRIME COAT)	TON	220		
115	397005	TACK COAT	TON	61		
116	401050	JOINTED PLAIN CONCRETE PAVEMENT	CY	20,000		
117	401083	SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, GROUND-IN INDENTATIONS)	STA	56		
118	414202	JOINT SEAL (PREFORMED COMPRESSION)	LF	73,400		
119	414241	ISOLATION JOINT SEAL (SILICONE)	LF	2,400		
120	460210 (P)	GROUND ANCHOR (SUBHORIZONTAL)	EA	66		
121	490528 (P)	FURNISH STEEL PILING (HP 14 X 89)	LF	5,348		
122	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	110		
123	490601	16" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	2,570		
124	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	2,950		
125	498052	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	73		
126	500001 (P)	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1		
127	510051 (F)	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	683		

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
128	510053 (F)	STRUCTURAL CONCRETE, BRIDGE	CY	<b>2,835</b>		
129	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	<b>1,953</b>		
130	510086 (F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	200		
131	510090 (F)	STRUCTURAL CONCRETE, BOX CULVERT	CY	<b>2,434</b>		
132	510501 (F)	MINOR CONCRETE	CY	51		
133	510502 (F)	MINOR CONCRETE (MINOR STRUCTURE)	CY	<b>114</b>		
134	511036 (F)	ARCHITECTURAL SURFACE (BARRIER)	SQFT	1,601		
135	511064 (F)	FRACTURED RIB TEXTURE	SQFT	<b>18,037</b>		
136	511106	DRILL AND BOND DOWEL	LF	96		
137	519100 (P)	JOINT SEAL (MR 2")	LF	184		
138	520102 (P-F)	BAR REINFORCING STEEL (BRIDGE)	LB	<b>1,107,234</b>		
139	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	<b>329,055</b>		
140	520107 (P-F)	BAR REINFORCING STEEL (BOX CULVERT)	LB	<b>497,561</b>		
141	530100	SHOTCRETE	CY	<b>83</b>		
142	560218 (F)	FURNISH SIGN STRUCTURE (TRUSS)	LB	55,930		
143	560219 (F)	INSTALL SIGN STRUCTURE (TRUSS)	LB	55,930		
144	560244	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)	SQFT	490		
145	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	<b>1,050</b>		
146	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	<b>430</b>		
147	560251	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	SQFT	200		
148	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED)	SQFT	220		
149	562004	METAL (RAIL MOUNTED SIGN)	LB	160		
150	566011	ROADSIDE SIGN - ONE POST	EA	110		
151	566012	ROADSIDE SIGN - TWO POST	EA	10		
152	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	<b>3</b>		
153	568015	INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	9		
154	568023	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	EA	2		
155	620100 (P)	18" ALTERNATIVE PIPE CULVERT	LF	<b>1,571</b>		
156	620140 (P)	24" ALTERNATIVE PIPE CULVERT	LF	<b>399</b>		
157	620184A (P)	33" ALTERNATIVE PIPE CULVERT	LF	13		
158	650014 (P)	18" REINFORCED CONCRETE PIPE	LF	167		
159	650018 (P)	24" REINFORCED CONCRETE PIPE	LF	<b>1,307</b>		
160	650022 (P)	30" REINFORCED CONCRETE PIPE	LF	28		

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
161	650026 (P)	36" REINFORCED CONCRETE PIPE	LF	180		
162	700617	DRAINAGE INLET MARKER	EA	9		
163	703233	GRATED LINE DRAIN	LF	70		
164	705311	18" ALTERNATIVE FLARED END SECTION	EA	4		
165	705315	24" ALTERNATIVE FLARED END SECTION	EA	3		
166	707117	36" PRECAST CONCRETE PIPE INLET	LF	<b>33</b>		
167	707217	36" PRECAST CONCRETE PIPE MANHOLE	LF	52		
168	721013 (F)	ROCK SLOPE PROTECTION (1/4T, METHOD B)	CY	<b>259</b>		
169	721015 (F)	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	<b>548</b>		
170	721028 (F)	ROCK SLOPE PROTECTION (NO. 2, METHOD B)	CY	<b>143</b>		
171	721430	CONCRETE (CHANNEL LINING)	CY	<b>390</b>		
172	721431	CONCRETE (CONCRETE APRON)	CY	7		
173	729011 (P)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	<b>1,233</b>		
174	730070	DETECTABLE WARNING SURFACE	SQFT	52		
175	730020	MINOR CONCRETE (CURB)	CY	310		
176	730040	MINOR CONCRETE (GUTTER)	LF	<b>110</b>		
177	730045	MINOR CONCRETE (GUTTER)	CY	40		
178	731507	MINOR CONCRETE (GUTTER DEPRESSION)	CY	<b>21</b>		
179	731511	MINOR CONCRETE (ISLAND PAVING)	CY	3		
180	731521	MINOR CONCRETE (SIDEWALK)	CY	<b>180</b>		
181	731623	MINOR CONCRETE (CURB RAMP)	CY	15		
182	750001 (P-F)	MISCELLANEOUS IRON AND STEEL	LB	<b>16,326</b>		
183	750501 (P-F)	MISCELLANEOUS METAL (BRIDGE)	LB	6,757		
184	750505 (P-F)	BRIDGE DECK DRAINAGE SYSTEM	LS	1		
185	800103	TEMPORARY FENCE (TYPE CL-6)	LF	4,070		
186	800310 (P)	CHAIN LINK FENCE (TYPE CL-3.5)	LF	<b>574</b>		
187	800360 (P)	CHAIN LINK FENCE (TYPE CL-6)	LF	<b>3,829</b>		
188	802520 (P)	6' CHAIN LINK GATE (TYPE CL-6)	EA	4		
189	802620 (P)	16' CHAIN LINK GATE (TYPE CL-6)	EA	1		
190	820107	DELINEATOR (CLASS 1)	EA	96		
191	832005 (P)	MIDWEST GUARDRAIL SYSTEM	LF	1,934		
192	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	<b>990</b>		
193	833000 (P-F)	METAL RAILING	LF	603		

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
194	833077	PEDESTRIAN BARRICADE	EA	3		
195	833142 (F)	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	345		
196	839521 (P-F)	CABLE RAILING	LF	<b>203</b>		
197	839543 (P)	TRANSITION RAILING (TYPE WB-31)	EA	6		
198	839576	END CAP (TYPE A)	EA	1		
199	839578	END CAP (TYPE TC)	EA	6		
200	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	10		
201	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	8		
202	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	7		
203	839701	CONCRETE BARRIER (TYPE 60)	LF	81		
204	839703	CONCRETE BARRIER (TYPE 60C)	LF	170		
205	839704	CONCRETE BARRIER (TYPE 60D)	LF	130		
206	839709	CONCRETE BARRIER (TYPE 60GE)	LF	380		
207	839717 (F)	CONCRETE BARRIER (TYPE 732 MODIFIED)	LF	781		
208	839726 (F)	CONCRETE BARRIER (TYPE 736A)	LF	724		
209	839727 (F)	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	89		
210	839729A (F)	CONCRETE BARRIER (TYPE 736A MODIFIED)	LF	<b>505</b>		
211	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	2,280		
212	<b>840501</b>	<b>THERMOPLASTIC TRAFFIC STRIPE</b>	LF	123,000		
213	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	<b>201,000</b>		
214	840666	PAINT PAVEMENT MARKING (2-COAT)	SQFT	<b>3,600</b>		
215	850101 (P)	PAVEMENT MARKER (NON-REFLECTIVE)	EA	2,636		
216	850111 (P)	PAVEMENT MARKER (RETROREFLECTIVE)	EA	2,496		
217	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	1		
218	860251 (P)	SIGNAL AND LIGHTING (LOCATION 1)	LS	1		
219	860252 (P)	SIGNAL AND LIGHTING (LOCATION 2)	LS	1		
220	860402 (P)	LIGHTING (CITY STREET)	LS	1		
221	861101	RAMP METERING SYSTEM (LOCATION 1)	LS	1		
222	861102	RAMP METERING SYSTEM (LOCATION 2)	LS	1		
223	861103	RAMP METERING SYSTEM (LOCATION 3)	LS	1		
224	861104	RAMP METERING SYSTEM (LOCATION 4)	LS	1		
225	861497	MODIFY SIGNAL AND LIGHTING (LOCATION 1)	LS	1		
226	861498	MODIFY SIGNAL AND LIGHTING (LOCATION 2)	LS	1		

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
227	861504	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	1		
228	862000A	COMMUNICATION SYSTEM	LS	1		
229	999990	MOBILIZATION	LS	1		
230	066100	DUST CONTROL	LS	1		
231	015602	FUNDING AWARENESS SIGN	EA	2		

BASE BID SUB TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
 ITEMS 1-231 "WORDS"

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 1 - THE GAS COMPANY</b>						
232	510100A (P)	12" WELDED STEEL PIPE CASING (BRIDGE)	LS	1		

ALTERNATE BID  
 SCHEDULE 1  
 SUB TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
 ITEM 232 "WORDS"

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2 - EASTERN MUNICIPAL WATER DISTRICT</b>						
233	760081A	PERMANENT WATERLINE FACILITIES (LOCATION A AND B)	LS	1		
234	760082A	PERMANENT WATERLINE FACILITIES (LOCATION C)	LS	1		

ALTERNATE BID  
 SCHEDULE 2  
 SUB TOTAL: \_\_\_\_\_ \$ \_\_\_\_\_  
 ITEMS 233-234 "WORDS"

PROJECT TOTAL  
 (BASE BID, ALTERNATE BID SCHEDULE 1 AND ALTERNATE BID SCHEDULE 2):  
 \_\_\_\_\_ \$ \_\_\_\_\_  
 ITEMS 1-234 "WORDS"

**Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)**

**ATTACHMENT “B” CONTRACTOR QUESTIONS  
AND RESPONSES**

The Questions and Responses information document is available on the County website at the following link during the advertisement period for this project:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

This (downloadable) file is provided for reference only. For any discrepancy written on this Questions and Responses document, the Contractor shall conform to the contract documents.

**Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>1</b>	Question	Refer to Bid Item 129, Structure Concrete Retaining Wall, Bid Quantity = 1,731 cubic yards. Plan Sheet 253 of 475 shows 1,550 cubic yards and Plan Sheet 404 of 475 shows an additional 308 cubic yards. This totals 1,858 cubic yards. These quantities do not match the bid proposal. Please verify.
	Response	<a href="#">The quantities shown on the plans and/or in the Bid Proposal have been updated and checked for consistency. See Revised Proposal issued by Addendum No. 1.</a>
<b>2</b>	Question	Reference plan sheet 404 of 475. Based on the quantities (308 cubic yards), it appears the bridge wingwalls (detailed on Plan Sheet 416 of 475) should be structure concrete retaining wall (not structure concrete bridge / bridge footing as indicated on the Concrete Strength and Type Limits Detail). Please clarify/confirm and adjust the contract documents accordingly. If not, please let us know where the 308 cubic yards are located.
	Response	<a href="#">The Concrete Strength and Type Limits detail is not intended to identify the Bid Item pay quantity limits, it merely defines the various concrete strengths and differentiates between different concrete types (light weight, structural, etc.) if there are various concrete types involved. The quantity of 308 CY of Structural Concrete, Retaining Wall is the sum of the wingwall concrete plus the non-shotcrete portion of the Ground Anchor Walls.</a>
<b>3</b>	Question	Reference sheet 404 of 475. Since there isn't a bid item for Structure Concrete Ground Anchor Wall, is this work measured and paid under Structure Concrete Retaining Wall?
	Response	<a href="#">The cast-in-place concrete retaining wall portion of the Ground Anchor Walls (Facing Concrete) is paid for as Structural Concrete, Retaining Wall.</a>
<b>4</b>	Question	Is there a geotechnical report that was prepared for this Project, how can we get a copy?
	Response	<a href="#">Yes. Refer to Supplemental Project Information issued by Addendum No. 1.</a>
<b>5</b>	Question	The bid date of 12/03/14 is just 3 days after the long Thanksgiving Holiday. Please consider postponing the bid date one week.
	Response	<a href="#">The Bid Date has been extended by Addendum No. 2.</a>
<b>6</b>	Question	Bid item #132, Minor Concrete, 51 CY is a final pay item. The call out for the location of this item is on Sheet 404 [4 of 49 of the Newport Road OC plans]. Please clarify what concrete items are included in this final pay item.
	Response	<a href="#">Bid Item No. 132 includes minor concrete for the back of wall drainage gutters, the paving between the gutters and the bridge abutments and for the sidewalk across the bridge.</a>
<b>7</b>	Question	Plan Sheet SC-9 of the Special Conditions, under subsection SC-30: Construction Sequencing, #7 denotes to 'Construct 8" PVC Recycled Waterline between Haun Road and Bridge Overpass.' There is no plan or pay item for this work. Please advise if this line is to be installed and under what bid item it is measured and paid.
	Response	<a href="#">Note No. 7 in the Special Conditions refers to a recycled water line that was eliminated during design; therefore, note No. 7 has been deleted in Addendum No. 3.</a>
<b>8</b>	Question	Reference Plan Sheets 121 and 123 of 475 (DQ-1&3). The quantities listed for the 8x4 box culverts (DS 3d, 3o, 3w, and 12c) appear to be a mix of the dimensions shown on CALTRANS Standard Plan D81 for maximum earth cover of 10 feet and 20 feet. Please provide the stations/limits where the maximum earth cover of 10 feet and 20 feet are to be used.
	Response	<a href="#">The anticipated cover over the RCBs is shown on the Profile sheets.</a>
<b>9</b>	Question	This is in regards to the 20" and 18" CML/CMC steel pipe on this project. The standard specs from the Eastern MWD calls for 0.1046" for the 20" and 18" pipe. Normally the standard thickness for those diameters are 0.135". This is for class 150 pipe. Please clarify.
	Response	<a href="#">EMWD's Standard Specifications, as provided in the Bid Documents, should be followed.</a>

**Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>10</b>	Question	Bid Item No. 80 Rock Blanket: The structural section for Rock Blanket includes 1.00' Class 2 Aggregate Base and 0.50' HMA (Type C). Is payment of the Aggregate Base under the Rock Blanket included in Bid Item 106 Class 2 Aggregate Base or in Bid Item 80 Rock Blanket? Is payment of the HMA (Type C) under the Rock Blanket included in Bid Item 109 HMA (Type C) or in Bid Item 80 Rock Blanket?
	Response	The Aggregate Base is paid under Bid Item No. 106. The HMA (Type C) is paid under Bid Item No. 109. Only the Rock Blanket is paid under Bid Item No. 80.
<b>11</b>	Question	Please reference Bid Item 56 (Cold Plane AC Pavement). Our assumption is that Structural Sections 5, 6, and 7 are the limits of this work?
	Response	Generally, most of the Cold Plane work is related to these Structural Sections; however, there are other smaller areas, such as where rumble strips must be temporarily removed for traffic handling purposes, where cold planing is anticipated and included in Bid Item No. 56.
<b>12</b>	Question	Is there any Construction Detail (Removal Plans) available?
	Response	No.
<b>13</b>	Question	Structural Section 8 is designated for the Rock Blanket Areas. The Rock Blanket is called out to be 0.33' thick. What type of Rock is specified?
	Response	The Specifications define the requirements for rock used in all Rock Blanket areas. Note that not all Rock Blanket areas require Structural Section 8. This has been clarified in Addendum No. 1.
<b>14</b>	Question	Is the contractor to over-excavate and recompact Structural Section 8 areas?
	Response	Earthwork requirements (grading and compaction) for Structural Section 8 areas are the same as for all travelled way pavement areas.
<b>15</b>	Question	Please reference Bid Item 169 [RSP (Light, Method B)]. We have come up with substantially lesser quantity than the Engineer's Estimate quantity. Please review.
	Response	The quantities shown on the plans and/or in the Bid Proposal have been checked for consistency and updated, as required. See Revised Proposal issued by Addendum No. 3.
<b>16</b>	Question	Can you please provide additional information regarding Bid Item 132(F) (Minor Concrete)?
	Response	Refer to the response to Question No. 6 above.
<b>17</b>	Question	Please reference SC Drawings (SC-12 / SC-20) where it calls for portions of the ramps to be constructed overnight. There is no Bid Item for Rapid Strength JPCP or Rapid Strength LCB. Please provide additional items for this work.
	Response	The crossover areas are shown to be constructed with temporary HMA overnight so that traffic can be routed on the new ramps as early as possible. At this time, Rapid Strength JPCP and Rapid Strength LCB are not requirements of the project.
<b>18</b>	Question	Please reference Detours DE-B / DE-G (Sheets 196 and 197 of 475). What is the Overlay Thickness for the specified areas, as we have come up with substantially less Asphalt for these areas?
	Response	The temporary HMA overlays will have variable thicknesses at DE-B and DE-G to meet the required grades.
<b>19</b>	Question	Please reference Bid Item # 106 (Aggregate Base). The Aggregate Base for Structural Section 8 is not included in this quantity. Please review and advise.
	Response	Aggregate Base for Structural Section 8 is included in the quantity shown in the Bid Proposal under Bid Item No. 106.

**Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>20</b>	Question	Please reference the Earthwork table on the Summary of Quantities (Q-3) Sheet. Is it the intent of the agency to Haul off and dispose of the majority of the onsite Excavation?
	Response	Depending on phasing and on-site storage of earthwork and the ability of the existing material to meet Caltrans specifications, it is not the intent of the County to export/dispose of all excavation if the material meets the intended qualities for use elsewhere within the project limits.
<b>21</b>	Question	Please reference Bid Item # 119 (Isolation Joint Seal Silicone) and the Summary of Quantities Sheet Q-1. The quantities would indicate that there is Isolation Joint on the newly constructed ramps and not necessarily just where new PCC meets Asphalt. Please review and advise.
	Response	Isolation Joints are located where required by the Standard Plans. The quantities shown on the plans and/or in the Bid Proposal have been checked for consistency and updated, as required. See Revised Proposal issued by Addendum No. 3.
<b>22</b>	Question	Please provide project plan locations for the temporary erosion control items.
	Response	The preliminary Temporary Water Pollution Control Exhibits used to estimate approximate bid quantities are being issued by Addendum No. 3 as Supplemental Project Information.
<b>23</b>	Question	The bid schedule identifies bid item 70-Roadway Excavation as a Final Pay item. Please clarify this in an addendum by removing the (F) from this bid item as this is non-typical
	Response	Bid Item No. 70, Roadway Excavation is a Final Pay Item for this Contract.
<b>24</b>	Question	How does the agency determine the low bidder? (base bid or base bid plus alternates)
	Response	Refer to Section 21, page 16 of Book 1 of 2; the basis of the selection of the lowest bid will be the lowest responsive and responsible bid for the sum of all Bid Schedules.
<b>25</b>	Question	In future addendums can the county cloud the changes so they are more readily identifiable? Does the County have clouded plans of Addendum 1 that can be released for review by the contractor?
	Response	All Addendum documents are available for free download within the Notice Inviting Bids webpage: <a href="http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids">http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids</a> Addendum No. 3 plan sheet replacements are updated with a revision note "3" enclosed with a triangle and at times highlighted with a cloud.
<b>26</b>	Question	Per plan sheet 121 and 123 of the contract documents, the proposed box culvert indicates a maximum cover ranging from 3.3 ft to 20.4 ft. The quantities reflected for the areas indicated as 13.6 (DS-12), 20.4 (DS-3) and 23.8 (DS-3) LF (Max H) do not coincide with CalTrans Standard Plans 2010 page 172 - D80's CF/LF quantities (22.7 CF/LF). The plan quantity is approximately 7% understated. Please clarify if the Max H is correct for these locations and/or if there is a discrepancy with these quantities. Please provide an addendum to address these plan errors and/or omissions.
	Response	The Max H is correct for the indicated RCB Drainage System Unit Numbers. Max H is the deepest cover over the RCB at any point along its entire length; however, the depth of cover varies along the alignment of the RCB and not all of the RCB has cover greater than 10 feet.
<b>27</b>	Question	Per page 88 of the specifications (book 1 of 2), "Stain the drystack surface texture under section 59-7" is mentioned under "Add to the RSS for section 51-1.04." The next section "Replace the 5 <sup>th</sup> paragraph of section 51-1.03G(1) with:" states that a test panel and staining is required for each structure type of surface texture shown." Please clarify which textures will require staining and the stain color required for each as there is no indication of stain requirements elsewhere in the contract plans or specification. If no staining is required please remove the above mentioned sections on page 88 of book 1 of 2.
	Response	The Special Provisions have been updated to provide guidance with respect to staining required for the Drystack Architectural Surface Treatment in Addendum No. 3.

**Interstate 215 at Newport Road  
Interchange Improvements  
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<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>28</b>	Question	Refer to Sheet DD-19 (Sheet 118), Concrete Channel Detail. What is the grade of the #3 bars used at 6" x 6" for welded wire mesh?
	Response	<a href="#">Grade 40.</a>
<b>29</b>	Question	Bid Item #212, Thermo. Stripe (Sprayable) is in direct conflict to spec #84-6.02 pg #98 requiring "Extrude Thermo. With Hi Perf. Bead application. Spray Thermo. Is appx. 40 ml thick, while the extrude is 90 ml thick. Spray Thermo. Is not thick enough to hold High Perf. Beads. So what is the requirement for this project? By the way, the High Perf. Bead application is much more expensive.
	Response	<a href="#">The Thermoplastic Bid Item and the specifications have been revised to be consistent with each other. See Revised Proposal issued by Addendum No. 3.</a>
<b>30</b>	Question	The coatings you specified for the steel pipe are not allowed by several California DEQ and EPA regulations, because of high VOCs. A 3-coat system is recommended that is low in VOCs. We would like to use that in lieu of the specified coating in Section 09900.
	Response	<a href="#">EMWD's Standard Specifications, as provided in the Bid Documents, should be followed.</a>
<b>31</b>	Question	On detour sheets DE-3 and DE-4, there are two hatches for temporary HMA. There is not information regarding the structural section for the Temporary HMA Overlay (Over existing pavement). Please specify where in the plans this information is given, or provide the structural section.
	Response	<a href="#">The Temporary HMA Overlay is full depth HMA.</a>
<b>32</b>	Question	The Existing Structural Sections on Sheet X-1, and available typical cross sections do not specify which sections the existing ramps are composed or. Please indicate which structural sections can be used for ramp removals.
	Response	<a href="#">Based upon record drawing data, the existing ramps consist of 0.50' Asphalt Concrete, 0.80' Aggregate Base and 1.25' Aggregate Subbase.</a>
<b>33</b>	Question	Sheet X-1 shows proposed structural sections 1-9. All structural sections except for 9 have been found on the plans. Please indicate where on the plans this structural section can be found.
	Response	<a href="#">Structural Section No. 9 is used for replacement paving on the private property side of Retaining Wall No. 116 shown on Sheet L-5.</a>
<b>34</b>	Question	Reference Plan Sheets U-4 and U-5 which show the existing 115kV Electrical to be relocated by others. The Contract Specifications indicate that difficult pile installation is anticipated due to low overhead clearance. Will the existing power lines be relocated prior to the Stage 2b bridge construction?
	Response	<a href="#">The existing SCE power lines may not be relocated prior to Stage 2B. Refer to section 5-1.36D (Book 1 of 2, starting at page 24) for utility relocation table.</a>
<b>35</b>	Question	Considering the multiple stages of bridge construction, cure periods for each closure pour and existing utility relocations, 360 working days may not be enough to complete the Contract. Please consider giving the Contractor an additional 40 days to complete the contract.
	Response	<a href="#">The number of Working Days will remain 360.</a>
<b>36</b>	Question	Please confirm that the modems required under the contract shall be furnished by the Department to the Contractor per Section 6-2.03 of the Special Provisions.
	Response	<a href="#">Yes, the modems are Department Furnished Materials.</a>

**Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>37</b>	Question	Please confirm Sprinkler Control Conduit referenced in Section 86-1.01 of the Special Provisions (page 99) is not required since no plan sheet show the work or bid item for compensation for the work.
	Response	<a href="#">Armor-Clad Conductors are required within the Newport Road OC, as shown on the plans.</a>
<b>38</b>	Question	There appears to be a discrepancy in concrete strengths shown on Sheet 433, Structural Shotcrete Notes. The concrete strength is listed as 3.6 ksi, yet the required strength prior to stressing is shown to be 4.25 ksi.
	Response	<a href="#">The strength prior to stressing on the plan sheet is a typographical error. The correct strength should be 3.25 ksi.</a>
<b>39</b>	Question	Per the contract documents the contractor is to construct new bridge footings for bent 2 in the median of I-215. The project Cross Sections and/or details do not provide details for reconstructing the roadway in this area. Please provide details, limits structure section, quantities and bid item for the reconstruction of the shoulder upon completion of the new bridge bent footings and columns.
	Response	<a href="#">Existing pavement, impacted by the contractor's limits of removal for Bent 2, should be replaced in-kind.</a>
<b>40</b>	Question	Bid item 132 Minor Concrete is identified on the Newport Road OC as 51 CY. Please identify where this item is located and verify the quantity.
	Response	<a href="#">Refer to the response to Question No. 6 above.</a>
<b>41</b>	Question	Regarding drainage system 38, please verify all dimensions and quantities for each unit (38a, b, c, d). Please provide a drainage detail for System 38d.
	Response	<a href="#">The quantities shown on the plans and/or in the Bid Proposal have been checked and updated, as required. The thickness for Unit 38d is 2.0 feet. See Revised Proposal issued by Addendum No. 3.</a>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	2	475

*Stephanie Hillebrand* 04-15-14  
 REGISTERED CIVIL ENGINEER DATE

04-15-2014  
 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.


URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502

**NOTES:**

- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- EXACT LOCATIONS AND TYPES OF PORTLAND CEMENT CONCRETE CURB AND CONCRETE BARRIER ARE SHOWN ON THE LAYOUTS AND SUMMARY OF QUANTITIES SHEETS. EXACT LIMITS OF PROPOSED STRUCTURAL SECTIONS ARE SHOWN ON THE LAYOUTS AND CONSTRUCTION DETAILS.
- SUPERELEVATIONS ARE SHOWN ON THE SUPERELEVATION DIAGRAMS.
- APPLY TACK COAT ON TOP OF LEAN CONCRETE BASE BEFORE PLACING HOT MIX ASPHALT (TYPE A) LAYER.
- ON-SITE RECYCLING OF BASE MATERIAL IS PROHIBITED.
- FOR EXACT LOCATIONS OF RUMBLE STRIP, SEE SUMMARY OF QUANTITIES.

**LEGEND:**

- (X.X% ±) = EXISTING CROSS SLOPE
-  EXCAVATE FOUR FEET MINIMUM FROM BOTTOM OF GRADING PLANE AND REPLACE WITH NON-EXPANSIVE MATERIAL WITH A SAND EQUIVALENT OF 20 MINIMUM, AS APPROVED BY THE ENGINEER.
- SE = SAFETY EDGE

**DESIGN DESIGNATION: I-215**

ADT (2015) = 127,600 D = 56%  
 ADT (2035) = 295,000 T = 4%  
 DHV = 23,410 V = 70 mph  
 ESAL<sub>40</sub> = 66,572,600 TI<sub>40</sub> = 14.5

**DESIGN DESIGNATION: NEWPORT ROAD**

ADT (2015) = 60,200 D = 51%  
 ADT (2035) = 61,900 T = 4%  
 DHV = 6,145 V = 55 mph  
 ESAL<sub>20</sub> = 4,830,800 TI<sub>20</sub> = 11.0

**PAVEMENT CLIMATE REGION**

INLAND VALLEY

**3 REVISED PER ADDENDUM NO. 3 DATED DECEMBER 3, 2014**

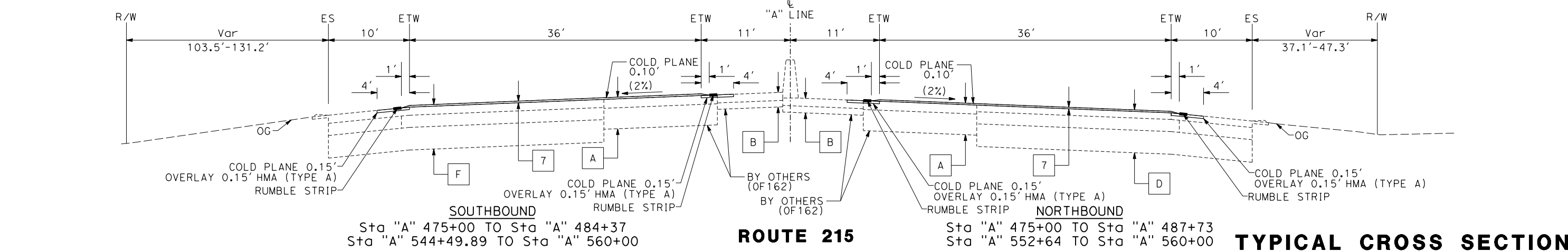
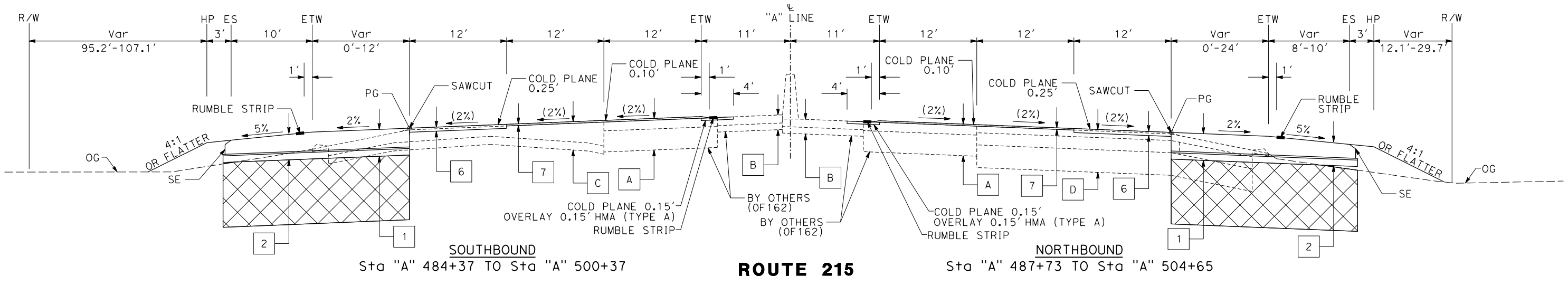
**STRUCTURAL SECTIONS:**

**NEW:**

- |  |  |
|--|--|
| 1 1.15' JPCP<br>0.10' HMA (TYPE A)<br>0.40' LCB                  | 6 0.25' HMA (TYPE C)   |
| 2 0.85'-1.15' JPCP<br>0.10' HMA (TYPE A)<br>0.40' LCB            | 7 0.10' RHMA (GAP GRADED)                                    |
| 3 0.95' JPCP<br>0.10' HMA (TYPE A)<br>0.40' LCB                  | 8 <b>ROCK BLANKET</b><br>0.50' HMA (TYPE C)<br>1.00' CI 2 AB |
| 4 0.20' RHMA (GAP GRADED)<br>0.45' HMA (TYPE C)<br>1.00' CI 2 AB | 9 0.25' HMA (TYPE A)<br>0.50' CI 2 AB                        |
| 5 0.20' HMA (TYPE C)   |  |

**EXISTING:**

- |   |   |
|---|---|
| A 0.10' HMA (OPEN GRADED)<br>0.55' HMA (TYPE A)<br>1.30' CI 2 AB            | E 0.60' AC (TYPE B)<br>0.90' CI 2 AB<br>1.45' CI 4 AS                       |
| B 0.50' HMA (TYPE A)<br>0.40' CI 2 AB                                       | F 0.10' HMA (OPEN GRADED)<br>0.50' HMA<br>0.75' CI B PMCTB<br>1.40' CI 4 AS |
| C 0.10' HMA (OPEN GRADED)<br>0.60'-0.80' HMA<br>0.50' CTB                   | G 0.10' HMA (OPEN GRADED)<br>0.70'-0.80' HMA<br>0.50' CTB                   |
| D 0.10' HMA (OPEN GRADED)<br>0.40' HMA<br>0.75' CI A PMCTB<br>1.40' CI 4 AS |   |



**TYPICAL CROSS SECTIONS**  
NO SCALE  
**X-1**

**1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014**

ATTACHMENT "C" TO ADDENDUM NO. 3, PAGE 1 OF 12

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 CONSULTANT SUPERVISOR: JEFFREY G. CHAPMAN  
 CALCULATED/DESIGNED BY: STEPHANIE HILLEBRAND  
 CHECKED BY: STEPHANIE HILLEBRAND  
 REVISIONS: LESLEY WANG, DATE: 04-15-2014  
 REVISIONS: DATE: 04-15-2014

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	102	475

*Stephanie Hillebrand* 04-15-14  
 REGISTERED CIVIL ENGINEER DATE  
 04-15-2014  
 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  
**STEPHANIE HILLEBRAND**  
 No. 65410  
 Exp. 9/30/15  
 CIVIL  
 STATE OF CALIFORNIA

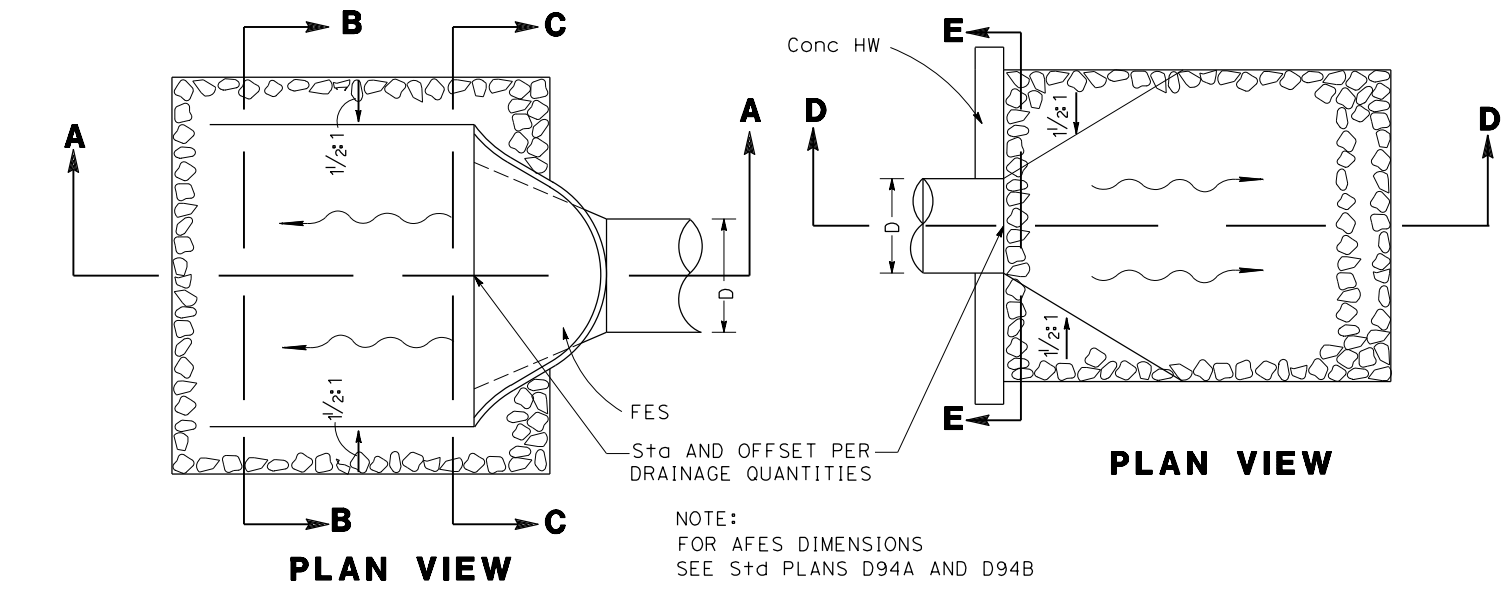
URS CORPORATION  
 2020 EAST FIRST STREET,  
 SUITE 400  
 SANTA ANA, CA 92705

RIVERSIDE COUNTY  
 TRANSPORTATION DEPARTMENT  
 4080 LEMON STREET 8th FLOOR  
 RIVERSIDE, CA 92502

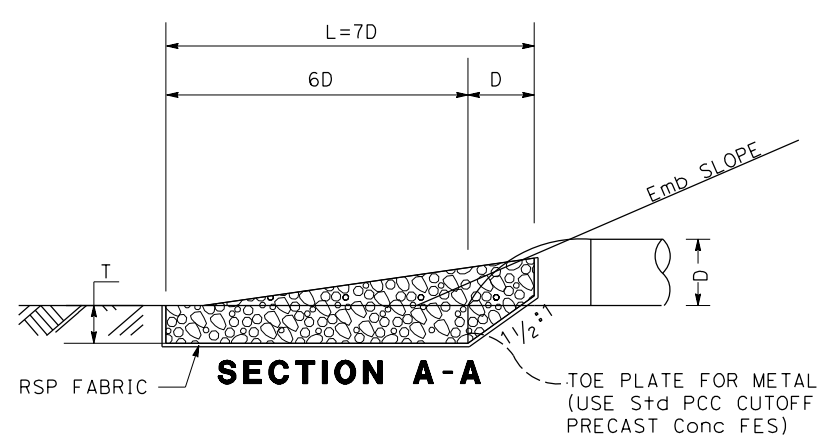
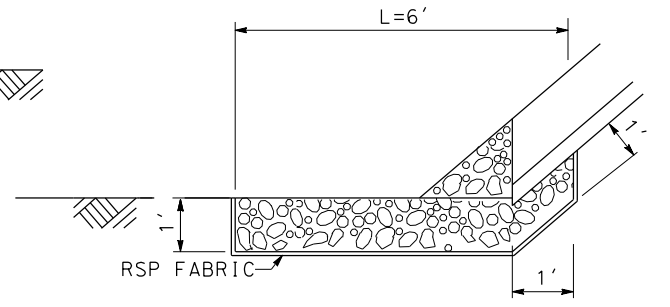
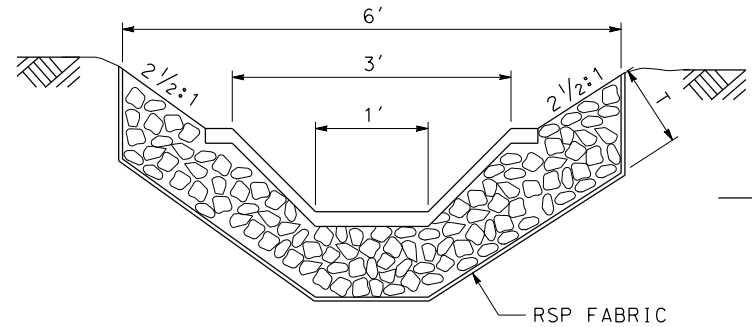
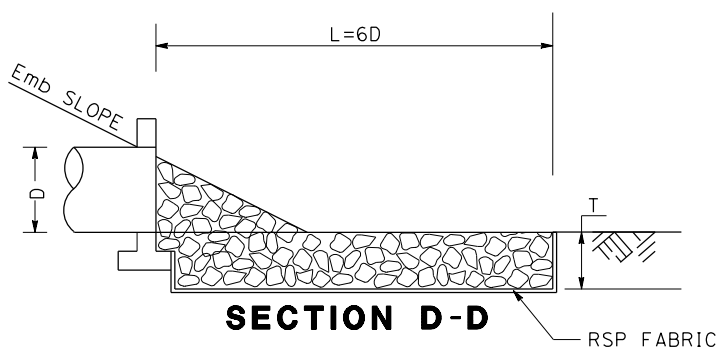
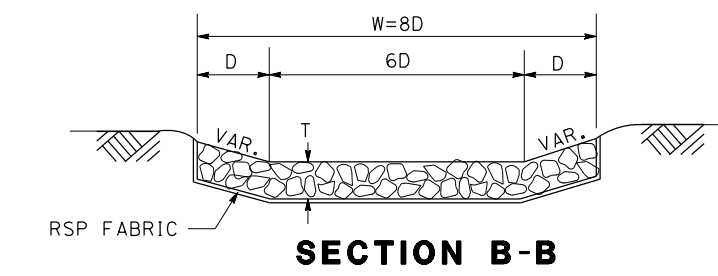
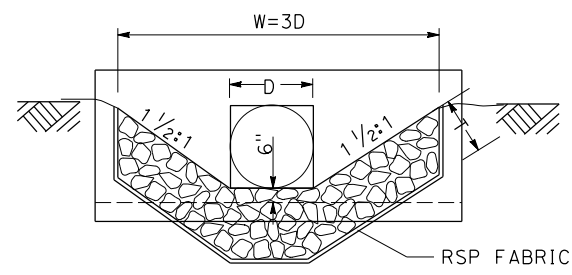
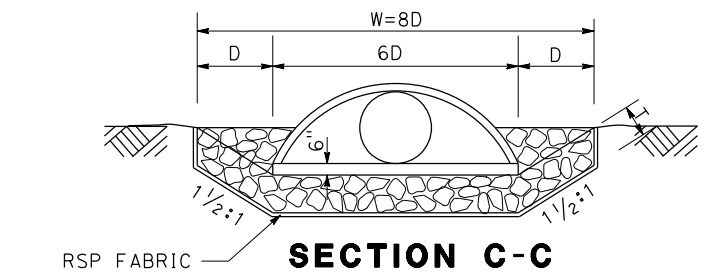
ROCK SLOPE PROTECTION	
BACKING No. 2 METHOD B	LIGHT METHOD B
DRAINAGE SYSTEM No. 2	DRAINAGE SYSTEM No. 3
16	9
18	12
30	26
42	38

CLASS OF RSP	T(FT)
BACKING No. 2	1.0
LIGHT	2.0

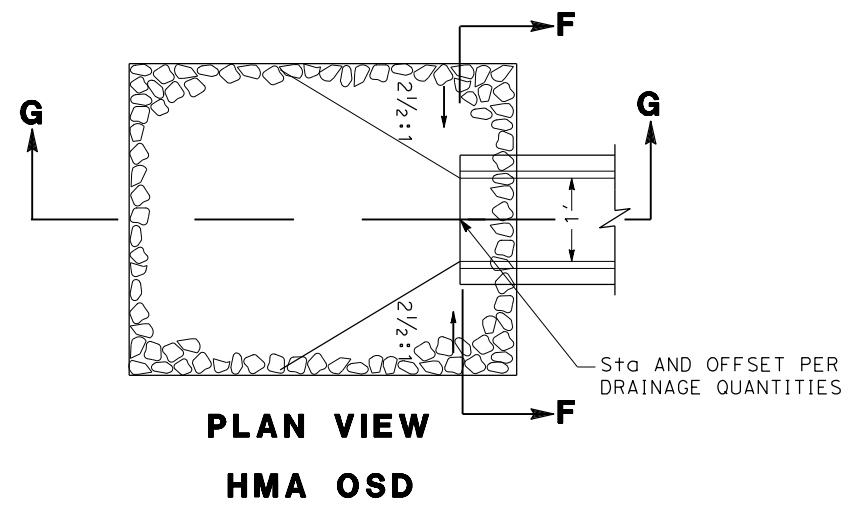
**LEGEND:**  
 D - DIAMETER OF PIPE OR RCB TOTAL WIDTH  
 T - THICKNESS OF RSP  
 L - LENGTH OF RSP  
 W - WIDTH OF RSP  
 \* DIMENSION PER DETAILS, UNLESS OTHERWISE SHOWN



NOTE:  
 FOR AFES DIMENSIONS  
 SEE Std PLANS D94A AND D94B



TOE PLATE FOR METAL FES.  
 (USE Std PCC CUTOFF WALL WITH  
 PRECAST Conc FES)



**FLARED END SECTION**

**PIPE / BOX HEADWALLS**

**SECTION F-F**

**SECTION G-G**

**PLAN VIEW HMA OSD**

**ROCK SLOPE PROTECTION**

**DRAINAGE DETAILS DD-3**  
 NO SCALE

3 REVISED PER ADDENDUM NO. 3 DATED DECEMBER 3, 2014

ATTACHMENT "C" TO ADDENDUM NO. 3, PAGE 2 OF 12











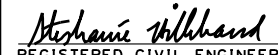








1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	233	475
			04-15-14	DATE	
REGISTERED CIVIL ENGINEER			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.					
URS CORPORATION 2020 EAST FIRST STREET, SUITE 400 SANTA ANA, CA 92705			RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT 4080 LEMON STREET 8th FLOOR RIVERSIDE, CA 92502		

**PAVEMENT**

STATION	LOCATION	HOT MIX ASPHALT (TYPE A)	HOT MIX ASPHALT (TYPE C)	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	CLASS 2 AGGREGATE BASE	COLD PLANE ASPHALT CONCRETE PAVEMENT	JOINTED PLAIN CONCRETE PAVEMENT	LEAN CONCRETE BASE	JOINT SEAL (PREFORMED COMPRESSION)	ISOLATION JOINT SEAL (SILICONE)	TACK COAT	LIQUID ASPHALT (PRIME COAT)	REMOVE ASPHALT CONCRETE PAVEMENT
		(TON)	(TON)	(TON)	(CY)	(SOYD)	(CY)	(CY)	(LF)	(LF)	(TON)	(TON)	(SF)
"A" 475+00 TO "A" 560+00	Lt/Rt	73	2,583	3,349	65	67,070					33.66	89.18	
"A" 487+73 TO "A" 507+06	Rt	208					1,197	416			0.65	4.14	
"A" 484+37 TO "A" 518+18	Lt	321					1,850	643			1.01	6.40	
"A" 519+62 TO "A" 539+47	Rt	260					1,496	521			0.81	5.17	
"A" 543+70 TO "A" 552+64	Rt	52					301	105			0.16	1.04	
"A" 534+85 TO "A" 538+96	Lt	53					307	107			0.17	1.06	
"A" 487+73 TO "A" 508+07	Rt	158					790	316			0.45	2.89	
"A" 484+37 TO "A" 521+28	Lt	272					1,364	545			0.77	4.92	
"A" 515+86 TO "A" 552+64	Rt	246					1,231	493			0.71	4.49	
"A" 529+90 TO "A" 538+96	Lt	66					328	131			0.19	1.21	
"B" 7+08 TO "B" 18+49	Lt/Rt	372					1,791	756			1.14	7.26	
"C" 9+01 TO "C" 19+55	Lt/Rt	303					1,459	607			0.92	5.87	
"D" 15+48 TO "D" 30+39	Lt/Rt	414					1,980	829			1.23	7.83	
"E" 20+17 TO "E" 34+84	Lt/Rt	410					1,970	831			1.23	7.84	
"F" 18+11 TO "F" 27+61	Lt/Rt	284					1,350	568			0.86	5.44	
"G" 6+03 TO "G" 21+20	Lt/Rt	522					2,496	1,044			1.57	10.01	
"N" 508+12 TO "N" 518+53	Lt/Rt		2,752	531	1,552	10,825	35				5.86	20.07	
"N" 521+87 TO "N" 533+43	Lt/Rt		3,432	887	2,458	9,897	39				7.88	22.36	
"N" 513+93 TO "N" 517+00	Rt		386		386						0.97	1.54	
"N" 523+50 TO "N" 525+28	Lt		179		179						0.45	0.71	
"B" 14+09 TO "B" 15+43	Rt	15			20						0.02	0.16	
"A" 487+73 TO "B" 18+49									13,770	299			
"C" 9+01 TO "A" 530+40									9,675	449			
"D" 15+48 TO "A" 552+64									13,714	500			
"E" 20+17 TO "A" 538+96									10,049	261			
"A" 506+05 TO "F" 27+61									9,189	384			
"A" 484+37 TO "G" 21+20									16,909	417			
"N" 508+08.64 TO "N" 508+10.62	Lt				8								
"N" 529+49.90 TO "N" 530+59.69	Rt				22								
"B" 9+93 (MVP)	Rt		14		38						0.02	0.11	
"C" 11+86 (MVP)	Rt		14		37						0.02	0.11	
"C" 23+15 (MVP)	Rt		14		38						0.02	0.11	
"D" 18+78 (MVP)	Lt		14		38						0.02	0.11	
"E" 27+53 (MVP)	Rt		14		38						0.02	0.11	
"F" 13+15 (MVP)	Lt		14		38						0.02	0.11	
"F" 22+62 (MVP)	Lt		14		37						0.02	0.11	
"G" 16+28 (MVP)	Rt		14		38						0.02	0.11	
"DE-B"			99		32								1,408
"DE-C"			210		162								
"DE-D"			273		211								
"DE-F"			252		195								
"DE-G"			1,610		374								11,940
TEMPORARY HMA CURB RAMPS													195
"A" RUMBLE STRIP REMOVAL*		1,065				10,665					0.02	0.11	
TOTAL		7,538	9,447	4,768	5,967	98,457	19,982	7,912	73,306	2,310	60.9	210.6	13,543

\*SEE STAGE CONSTRUCTION PLANS FOR "A" LINE STATION LIMITS

**RUMBLE STRIP**

STATION	LOCATION	SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, GROUND-IN INDENTATIONS)	SHOULDER RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)
		(STA)	(STA)
"A" 484+37 TO "A" 500+37	Lt	16	
"A" 487+73 TO "A" 503+23.10	Rt	16	
"A" 507+05.79 TO "A" 508+07.41	Rt	1	
"A" 518+17.88 TO "A" 521+28.02	Lt	3	
"A" 515+85.61 TO "A" 519+61.95	Rt	4	
"A" 529+90 TO "A" 534+84.99	Lt	5	
"A" 536+64 TO "A" 539+39	Rt	3	
"A" 543+71.59 TO "A" 552+64	Rt	9	
"A" 479+00 TO "A" 539+88	Lt		61
"A" 479+00 TO "A" 484+37	Lt		5
"A" 481+95 TO "A" 539+74	Rt		58
"A" 481+95 TO "A" 487+73	Rt		6
"A" 508+07.41 TO "A" 515+85.61	Rt		8
"A" 521+28.02 TO "A" 529+90	Lt		9
"A" 538+96.38 TO "A" 540+17	Lt		1
"A" 544+10 TO "A" 556+40	Rt		12
"A" 544+23 TO "A" 549+36	Lt		5
"A" 544+52 TO "A" 549+36	Lt		5
"A" 552+64 TO "A" 556+40	Rt/Lt		4
TOTAL		56	173

**HMA (MISCELLANEOUS AREA)**

STATION	LOCATION	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	HOT MIX ASPHALT (TYPE A)
		(SOYD)	(TON)
"B" 10+58.49	Rt	10	2.3
"C" 9+16.74	Rt	40	9.3
"E" 27+10.47	Lt	11	2.6
"B" 18+48 (STAGE 1F)	Lt/Rt	14	4.8
"N" 524+50 (STAGE 2A)	Lt	7	2.4
TOTAL		61	14.2

3 REVISED PER ADDENDUM NO. 3 DATED DECEMBER 3, 2014

**SUMMARY OF QUANTITIES**  
NO SCALE  
**Q-1**

ATTACHMENT "C" TO ADDENDUM NO. 3, PAGE 12 OF 12

DATE PLOTTED => 12/1/2014 TIME PLOTTED => 3:55:04 PM



# COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



Juan C. Perez, P.E., T.E.  
Director of Transportation and Land  
Management

Patricia Romo, P.E.  
Assistant Director of Transportation

## Transportation Department

### ADDENDUM NUMBER 4

Dated December 5, 2014

to the  
Specifications and Contract Documents  
for the construction of

Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)

**Bids Due:** Wednesday, December 10, 2014; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

This Addendum is issued pursuant to Section 8 of Instructions to Bidders of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the plans and specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Bid. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted Bid.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

### CLARIFICATIONS TO CONTACT DOCUMENTS:

**Item 1: Project Information; Questions and Responses.**  
Questions and Responses information list is available as a free download at the following County website: <http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

This (downloadable) file is provided for reference only. For any discrepancy written on the Questions and Responses, the Contractor shall conform to the contract documents. The Contractor Questions and Responses are included as **Attachment "A"**.

**Prepared by:**   
Joel Jimenez, PE; Senior Civil Engineer; Contracts/Bidding Unit

Acknowledged: \_\_\_\_\_ Date: \_\_\_\_\_  
(Contractor)

JRJ:jrj

**Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)**

**Attachment “A”  
Contractor Questions and Responses  
(12/5/14)**

The Questions and Responses information document is available on the County website at the following link during the advertisement period for this project:

<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

This (downloadable) file is provided for reference only. For any discrepancy written on this Questions and Responses document, the Contractor shall conform to the contract documents.

**Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>1</b>	Question	I would like to know if we need to submit the Equal Employment Certification for all subcontractors with the bid, or if we have a set amount of days after the bid to submit for subcontractors.
	Response	<p>It is Transportation Department practice to receive Equal Employment Certification (page/form B15) from Prime Contractors along with their bid submittal.</p> <p>In reviewing the regulation language for this Equal Employment Certification and intent of the regulation, the Contractor is in compliance should Equal Employment Certification for subcontractors be received after the bid opening date. We are aware of bid day decisions for primes selecting subcontractors...</p> <p>Equal Employment Certification can be submitted after bid day (for those on the Subcontractor List) and must be submitted prior to award of Contract. This information does not affect the amount of the bid amount at all, but if not supplied prior to award, an apparent low bidder would be nonresponsive.</p>
<b>2</b>	Question	<p>On sheet 22, L-5 of the Layout Drawings, along Line "B" to the East of the CL from approximately station 3 to station 6, there appears to be an existing parking lot and improvements that are in conflict with the proposed work.</p> <p>We see that there is a small area defined as Structural Section 9 in this parking lot, but there is not a construction detail for the work in this parking lot.</p> <p>We saw existing light poles, Curb and Gutter, Electrical Vaults, and Fire Hydrants in this area that may be in conflict with our work.</p> <p>Can the Agency please clarify the scope of work in this parking lot by providing a construction detail and explain how work in this area will be paid.</p> <p>We need to know what we will be responsible for in terms of removals, restoration, and protection in place in this area?</p>
	Response	The repaving in this area is covered on Sheet L-5 and the details are shown on Sheet C-15. Removals may include trees, conflicting street lights, shrubs, irrigation facilities, etc.; which are not individually called out. Obstructions within the TCE limits can be removed to facility construction unless specifically called out to protect. SCE and Verizon will be relocating their own facilities as identified in the Special Provisions.
<b>3</b>	Question	There is a contractor that has a laydown yard in the area in land located near the North West Loop. Are we expected to coordinate with this contractor, and if so, please provide contact information?
	Response	Any coordination with the utility contractor(s) is defined in the Special Provisions.
<b>4</b>	Question	There appears to be plans for development of the lot on near the North West Loop. Are we expected to coordinate with this developer and if so, please provide contact information.
	Response	Coordination will be required with all adjacent property owners.

**Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>5</b>	Question	We have a note from the pre-bid meeting that stated that rocks above 2 ton will be treated as extra work, can you please confirm this statement and clarify how the size of the rock will be determined in the field?
	Response	Handling of rock is covered by the Section 00-1.33 of the Special Provisions.
<b>6</b>	Question	Per the contract documents book 2 of 2 page 211 of 387 (pg 457) under section 42-1 the contractor is to include general specifications for grooving and grinding concrete. Since the new bridge structures will tie-in to existing bridge structures, will final grooving and grinding be required over the entire bridge deck surface or only in areas that are not in compliance with the profilograph/straight edge specification? (Bump grind or Full Deck Groove & Grinding)
	Response	This is a Standard Specification. Any grinding work needed on the project would be to meet the specification requirements, such as smoothness, etc. There are no work items for general grinding and grooving.
<b>7</b>	Question	<p>“The 2010 edition of the Standard Specifications of the State of California Department of Transportation are incorporated into the contract documents, and Article 5-1.39B of these Standard Specifications states that “Under Pub Cont Code § 7105, the Department pays for repair or restoration to damaged work in excess of 5 percent of the total bid if the damage was caused by an act of God.” Please confirm that Public Contract Code 7105 applies to this project.</p> <p>If 7105 does apply to this contract, please consider revising the Builder's Risk requirement found in the Special Provision Section 00-1.09 that requests earth movement and flood to be included for the full value of the contract. (If 7105 applies and the department will pay for repair or restoration to work in excess of 5% of the total bid, requiring the contractor to purchase coverage in excess of this 5% would be costly and unnecessary.)”</p> <p>If the County does not waive these requirements, please consider increasing the maximum payment for Bid Item 003, Course of Construction Insurance, to \$150,000.</p> <p>Follow up Question: Based on the limit(s) placed on the payment for Mobilization (maximum payment of \$1.5 million) and Course of Construction insurance (maximum payment of \$72K), cash flow on this Project is a concern. The Contractor will have to put forth approximately 1.5% of the total contract value (nearly \$500K), up front for bonds and insurances and may have to carry this cash for 6-12 months. Please consider adjusting Bid Item 003 to include both bonds and insurances with a maximum payment of \$500K.</p>
	Response	No changes will be made.
<b>8</b>	Question	There is a note on sheet 168, SC-16 drawing near Station 4 along line “F” (Stage 1D) that states, “this portion of the new bridge shall be constructed after the demolition of the existing bridge”. This note points to the Ramp, please clarify.
	Response	This question was addressed in a previous addendum. Revised plan sheet was issued in Addendum No. 1.

**Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)**

<b>CONTRACTOR QUESTIONS AND RESPONSES</b>		
<b>9</b>	Question	<p>In addition to what was discussed at the pre-bid meeting, will the Agency please define the scope of work associated with the Third Party Utility work that still needs to be relocated within our project limits.</p> <p>We are seeking, scope of work, and schedule, so that we can understand how this work will be incorporated into our schedule. If we do not receive clarification on Third Party scope and schedule, we will assume that any Utility that are in conflict with The proposed work will result in compensable delay. For example, there are existing poles along the South side of Newport Rd. and along the alignment of line "G" that are in conflict with the proposed work.</p>
	<b>Response</b>	The utility work to be completed during re-construction of the interchange is defined in the Special Provisions.
<b>10</b>	Question	Can you clarify how the temporary Asphalt paving shown in various locations in the Stage Construction and Traffic Handling Plan is paid, and how the removal of that temporary asphalt is paid?
	<b>Response</b>	Installation of temporary HMA is paid as HMA. Removal of temporary HMA is paid as Roadway Excavation.
<b>11</b>	Question	Drainage detail sheet DD-4 (103 of 475) provides dimensions for the rock slope protection for drainage system 38a, and 38c. Using the dimensions given produces a number $\pm$ 60% short of the owners numbers. Using the dimensions given, with a 1.5:1 slope, the result for the 'z' dimension is much higher than specified. On drainage sheet D-7 (85 of 475), the width of the RSP (south side) is about 16.5'-17'. At a 1.5:1 slope (from DD-4), the height would only be $\pm$ 11'. Please address the discrepancies and verify the dimensions and adjust the quantity accordingly.
	<b>Response</b>	This question was addressed in a previous addendum. This Question is similar to Addendum 3, Question 41 which this question has been addressed.
<b>12</b>		

## Bid

Date: 12/10/14

To: County of Riverside, hereafter called "County";

Bidder: Ames Construction, Inc.  
(hereafter called "Contractor")

The undersigned, Contractor, having carefully examined the site and the Contract Documents for the construction of Interstate 215 at Newport Road, Interchange Improvements, in the City of Menifee, Project No. B5-0682, Federal Aid No. STPLN- 5956(234) hereby proposes to construct the work in accordance with the Contract Documents, including Addenda Number(s) 1,2,3 & 4 (Fill in addenda numbers if addenda have been issued.) for the amount stated in this Bid.

By submitting this Bid, Contractor agrees with County:

1. That unless withdrawn in person by Contractor or some person authorized in writing by Contractor (not by telephone or facsimile) before the time specified in the Notice Inviting Bids for the public opening of bids, this Bid constitutes an irrevocable offer for 90 calendar days after that date.
2. County has the right to reject any or all Bids and to waive any irregularities or informalities contained in a Bid.
3. To execute the Contract and deliver the Performance Bond, Payment Bond and Insurance Certificate with endorsements, that comply with the requirements set forth in the Instruction to Bidders and General Conditions (Special Provisions?), within ten (10) business days of the date of the Notice of Acceptance of Bid and Intent to Award as issued by the County.
4. That the contract shall be awarded upon a resolution or minute order to that effect duly adopted by the governing body of County; and that execution of the Contract shall constitute a written memorial thereof.
5. To submit to the County such information as County may require determining whether a particular Bid is the lowest responsible bid submitted.
6. That the accompanying Bid Bond, certified check or cashier's check is in an amount not less than 10% of the total bid submitted and constitutes a guarantee that if awarded the contract, Contractor will execute the Contract and deliver the required bonds within ten (10) business days after notice of award. If Contractor fails to execute and deliver said documents, the bond or check is to be charged with the costs of the resultant damages to the County, including but not limited to: publication costs, the difference in money between the amount bid and the amount in excess of the bid which it costs County to do or cause to be done for the work involved, lease and rental costs, additional salaries and overhead, increased interest and costs of funding the project, attorney expense, additional engineering and architectural expense and cost of maintaining or constructing alternate facilities occasioned by the failure to execute and deliver said documents.
7. By signing this Bid the Contractor certifies that the representations made therein are made under penalty of perjury.

**Interstate 215 at Newport Road  
Interchange Improvements  
in the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN- 5956(234)**

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
1	170101	DEVELOP WATER SUPPLY	LS	1	30,000. <sup>00</sup>	30,000. <sup>00</sup>
2	066016	JUST-IN-TIME TRAINING	LS	1	10,000. <sup>00</sup>	10,000. <sup>00</sup>
3	066017A	COURSE OF CONSTRUCTION INSURANCE	LS	1	72,000. <sup>00</sup>	72,000. <sup>00</sup>
4	066105A	RESIDENT ENGINEERS OFFICE	LS	1	100,000. <sup>00</sup>	100,000. <sup>00</sup>
5	070030	LEAD COMPLIANCE PLAN	LS	1	5,000. <sup>00</sup>	5,000. <sup>00</sup>
6	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	10,000. <sup>00</sup>	10,000. <sup>00</sup>
7	120090	CONSTRUCTION AREA SIGNS	LS	1	20,000. <sup>00</sup>	20,000. <sup>00</sup>
8	120100	TRAFFIC CONTROL SYSTEM	LS	1	200,000. <sup>00</sup>	200,000. <sup>00</sup>
9	120116	TYPE II BARRICADE	EA	3	150. <sup>00</sup>	450. <sup>00</sup>
10	120120	TYPE III BARRICADE	EA	7	250. <sup>00</sup>	1,750. <sup>00</sup>
11	120165	CHANNELIZER (SURFACE MOUNTED)	EA	750	35. <sup>00</sup>	26,250. <sup>00</sup>
12	120300	TEMPORARY PAVEMENT MARKER	EA	3,930	5. <sup>00</sup>	19,650. <sup>00</sup>
13	128601A	TEMPORARY SIGNAL SYSTEM (LOCATION 1)	LS	1	90,000. <sup>00</sup>	90,000. <sup>00</sup>
14	128602A	TEMPORARY SIGNAL SYSTEM (LOCATION 2)	LS	1	100,000. <sup>00</sup>	100,000. <sup>00</sup>
15	128651	PORTABLE CHANGEABLE MESSAGE SIGN (EA)	EA	10	5,000. <sup>00</sup>	50,000. <sup>00</sup>
16	129000	TEMPORARY RAILING (TYPE K)	LF	47,600	10. <sup>00</sup>	476,000. <sup>00</sup>
17	129100	TEMPORARY CRASH CUSHION MODULE	EA	290	300. <sup>00</sup>	87,000. <sup>00</sup>
18	129150	TEMPORARY TRAFFIC SCREEN	LF	47,600	2. <sup>00</sup>	95,200. <sup>00</sup>
19	130100	JOB SITE MANAGEMENT	LS	1	50,000. <sup>00</sup>	50,000. <sup>00</sup>
20	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	30,000. <sup>00</sup>	30,000. <sup>00</sup>
21	130330	STORM WATER ANNUAL REPORT	EA	2	2,000. <sup>00</sup>	4,000. <sup>00</sup>
22	130570	TEMPORARY COVER	SQYD	3,030	6. <sup>00</sup>	18,180. <sup>00</sup>
23	130560	TEMPORARY SOIL BINDER	SQYD	174,000	0.11	19,140. <sup>00</sup>
24	130610	TEMPORARY CHECK DAM	LF	630	5. <sup>00</sup>	3,150. <sup>00</sup>
25	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	66	200. <sup>00</sup>	13,200. <sup>00</sup>
26	130640	TEMPORARY FIBER ROLL	LF	112,000	2. <sup>00</sup>	224,000. <sup>00</sup>
27	130650	TEMPORARY GRAVEL BAG BERM	LF	3,430	5. <sup>00</sup>	17,150. <sup>00</sup>
28	130680	TEMPORARY SILT FENCE	LF	14,200	2. <sup>00</sup>	28,400. <sup>00</sup>

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
29	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	12	2,500. <sup>00</sup>	30,000. <sup>00</sup>
30	130720	TEMPORARY CONSTRUCTION ROADWAY	SQYD	300	60. <sup>00</sup>	18,000. <sup>00</sup>
31	130730	STREET SWEEPING	LS	1	70,000. <sup>00</sup>	70,000. <sup>00</sup>
32	130900	TEMPORARY CONCRETE WASHOUT	LS	1	35,000. <sup>00</sup>	35,000. <sup>00</sup>
33	130901A	TEMPORARY STREAM CROSSING	LS	1	10,000. <sup>00</sup>	10,000. <sup>00</sup>
34	130902A	TEMPORARY CLEAR WATER DIVERSION	LS	1	20,000. <sup>00</sup>	20,000. <sup>00</sup>
35	141000	TEMPORARY FENCE (TYPE ESA)	LF	2,610	3.50	9,135. <sup>00</sup>
36	141120	TREATED WOOD WASTE	LB	8,740	0.25	2,185. <sup>00</sup>
37	148005	NOISE MONITORING	LS	1	1,000. <sup>00</sup>	1,000. <sup>00</sup>
38	150204	ABANDON CULVERT	LF	39	40. <sup>00</sup>	1,560. <sup>00</sup>
39	150608	REMOVE CHAIN LINK FENCE	LF	3,630	5. <sup>00</sup>	18,150. <sup>00</sup>
40	150658A	REMOVE TEMPORARY TERMINAL SECTION (TYPE K)	EA	2	500. <sup>00</sup>	1,000. <sup>00</sup>
41	150661	REMOVE GUARDRAIL	LF	230	20. <sup>00</sup>	4,600. <sup>00</sup>
42	150668	REMOVE FLARED END SECTION	EA	15	350. <sup>00</sup>	5,250. <sup>00</sup>
43	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	138,000	0.50	69,000. <sup>00</sup>
44	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	2,960	3.50	10,360. <sup>00</sup>
45	150722	REMOVE PAVEMENT MARKER	EA	2,350	1. <sup>00</sup>	2,350. <sup>00</sup>
46	150742	REMOVE ROADSIDE SIGN	EA	63	150. <sup>00</sup>	9,450. <sup>00</sup>
47	150757	REMOVE SIGN STRUCTURE	EA	2	7,000. <sup>00</sup>	14,000. <sup>00</sup>
48	150770	REMOVE ASPHALT CONCRETE PAVEMENT	SQFT	13,600	2. <sup>00</sup>	27,200. <sup>00</sup>
49	150801	REMOVE OVERSIDE DRAIN	EA	5	400. <sup>00</sup>	2,000. <sup>00</sup>
50	150802A	REMOVE ROCK SLOPE PROTECTION	CY	180	55. <sup>00</sup>	9,900. <sup>00</sup>
51	150809	REMOVE CULVERT	LF	1,360	28. <sup>00</sup>	38,080. <sup>00</sup>
52	150814	REMOVE DOWNDRAIN	EA	2	1,500. <sup>00</sup>	3,000. <sup>00</sup>
53	150820	REMOVE INLET	EA	10	750. <sup>00</sup>	7,500. <sup>00</sup>
54	150832	REMOVE RETAINING WALL	CY	2	500. <sup>00</sup>	1,000. <sup>00</sup>
55	152390	RELOCATE ROADSIDE SIGN	EA	8	350. <sup>00</sup>	2,800. <sup>00</sup>
56	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	98,500	1.50	147,750. <sup>00</sup>
57	153121	REMOVE CONCRETE	CY	81	150. <sup>00</sup>	12,150. <sup>00</sup>
58	153123A	REMOVE CONCRETE (CROSS GUTTER)	SQYD	190	20. <sup>00</sup>	3,800. <sup>00</sup>
59	153130	REMOVE CONCRETE CURB	LF	3,730	5. <sup>00</sup>	18,650. <sup>00</sup>
60	153140	REMOVE CONCRETE SIDEWALK	SQYD	3,240	7. <sup>00</sup>	22,680. <sup>00</sup>
61	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	4,640	5. <sup>00</sup>	23,200. <sup>00</sup>

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
62	153221	REMOVE CONCRETE BARRIER	LF	380	25.00	9,500.00
63	153229	REMOVE CONCRETE BARRIER (TYPE K)	LF	2,060	7.00	14,420.00
64	155007	CAP MANHOLE	EA	1	4,000.00	4,000.00
65	156585	REMOVE CRASH CUSHION	EA	3	250.00	750.00
66	157550	BRIDGE REMOVAL	LS	1	170,000.00	170,000.00
67	157561	BRIDGE REMOVAL (PORTION), LOCATION A	LS	1	120,000.00	120,000.00
68	157562	BRIDGE REMOVAL (PORTION), LOCATION B	LS	1	110,000.00	110,000.00
69	160102	CLEARING AND GRUBBING	LS	1	40,000.00	40,000.00
70	190101 (F)	ROADWAY EXCAVATION	CY	165,000	16.00	2,640,000.00
71	192003 (F)	STRUCTURE EXCAVATION (BRIDGE)	CY	3,121	150.00	468,150.00
72	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	3,893	25.00	97,325.00
73	192060 (F)	STRUCTURE EXCAVATION (GROUND ANCHOR WALL)	CY	234	100.00	23,400.00
74	193003 (F)	STRUCTURE BACKFILL (BRIDGE)	CY	2,117	75.00	158,775.00
75	193013 (F)	STRUCTURE BACKFILL (RETAINING WALL)	CY	6,385	35.00	223,475.00
76	193027 (F)	STRUCTURE BACKFILL (GROUND ANCHOR WALL)	CY	26	125.00	3,250.00
77	193031 (F)	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	256	50.00	12,800.00
78	193118 (F)	CONCRETE BACKFILL	CY	1.2	500.00	600.00
79	198010	IMPORTED BORROW	CY	180,000	0.50	90,000.00
80	200114	ROCK BLANKET	SQYD	8,020	65.00	521,300.00
81	200002	ROADSIDE CLEARING	LS	1	5,000.00	5,000.00
82	202037	ORGANIC FERTILIZER	LB	48	10.00	480.00
83	204011A	PLANT (GROUP K) (48" BOX)	EA	16	350.00	5,600.00
84	204099A	PLANT ESTABLISHMENT WORK [PER MONTH]	EA	36	500.00	18,000.00
85	205035	WOOD MULCH	CY	2.4	70.00	168.00
86	206559	CONTROL AND NEUTRAL CONDUCTORS (ARMOR-CLAD)	LS	1	2,000.00	2,000.00
87	206562 (P)	1" REMOTE CONTROL VALVE	EA	1	300.00	300.00
88	206631	1" WYE STRAINER ASSEMBLY	EA	1	125.00	125.00
89	206762 (P)	30-42 STATION IRRIGATION CONTROLLER (PEDESTAL MOUNTED)	EA	4	12,000.00	48,000.00
90	208304	WATER METER	EA	1	22,000.00	22,000.00
91	208423 (P)	1" BACKFLOW PREVENTER ASSEMBLY	EA	1	2,000.00	2,000.00
92	208440 (P)	BACKFLOW PREVENTER ENCLOSURE	EA	1	2,400.00	2,400.00
93	208442 (P)	FLOW SENSOR	EA	1	1,000.00	1,000.00
94	208445 (P)	TREE WELL SPRINKLER ASSEMBLY	EA	48	35.00	1,680.00

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
95	208572 (P)	1" GATE VALVE	EA	5	230.00	1,150.00
96	208594 (P-F)	3/4" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	2,240	4.00	8,960.00
97	208595 (P-F)	1" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	436	4.30	1,874.80
98	208610A (P-F)	1 1/2" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	1,134	7.00	7,938.00
99	208768 (P-F)	12" BITUMINOUS COATED CORRUGATED STEEL PIPE CONDUIT (0.064" THICK)	LF	852	45.00	38,340.00
100	210010	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	6	600.00	3,600.00
101	210270	ROLLED EROSION CONTROL PRODUCT (NETTING)	SQFT	21,300	1.65	35,145.00
102	210300	HYDROMULCH	SQFT	878,000	0.05	43,900.00
103	210420	STRAW	SQFT	878,000	0.11	96,580.00
104	210430	HYDROSEED	SQFT	900,000	0.11	99,000.00
105	210600	COMPOST	SQFT	900,000	0.50	450,000.00
106	260203	CLASS 2 AGGREGATE BASE	CY	5,970	40.00	238,800.00
107	280000	LEAN CONCRETE BASE	CY	7,910	135.00	1,067,850.00
108	390011	PREPAVING INERTIAL PROFILER	LS	1	2,500.00	2,500.00
109	390129	HOT MIX ASPHALT (TYPE C)	TON	9,450	92.00	869,400.00
110	390132	HOT MIX ASPHALT (TYPE A)	TON	7,560	100.00	756,000.00
111	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	4,770	95.00	453,150.00
112	394053	SHOULDER RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)	STA	180	65.00	11,700.00
113	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	61	80.00	4,880.00
114	395000	LIQUID ASPHALT (PRIME COAT)	TON	220	1,000.00	220,000.00
115	397005	TACK COAT	TON	61	750.00	45,750.00
116	401050	JOINTED PLAIN CONCRETE PAVEMENT	CY	20,000	195.00	3,900,000.00
117	401083	SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, GROUND-IN INDENTATIONS)	STA	56	200.00	11,200.00
118	414202	JOINT SEAL (PERFORMED COMPRESSION)	LF	73,400	3.50	256,900.00
119	414241	ISOLATION JOINT SEAL (SILICONE)	LF	2,400	9.00	21,600.00
120	460210 (P)	GROUND ANCHOR (SUBHORIZONTAL)	EA	66	3,500.00	231,000.00
121	490528 (P)	FURNISH STEEL PILING (HP 14 X 89)	LF	5,348	50.00	267,400.00
122	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	110	2,000.00	220,000.00
123	490601	16" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	2,570	85.00	218,450.00
124	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	2,950	160.00	472,000.00
125	498052	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	73	750.00	54,750.00
126	500001 (P)	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	1	200,000.00	200,000.00
127	510051 (F)	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	683	275.00	187,825.00

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
128	510053 (F)	STRUCTURAL CONCRETE, BRIDGE	CY	2,835	780.00	2,211,300.00
129	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	1,953	400.00	781,200.00
130	510086 (F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	200	750.00	150,000.00
131	510090 (F)	STRUCTURAL CONCRETE, BOX CULVERT	CY	2,434	530.00	1,290,020.00
132	510501 (F)	MINOR CONCRETE	CY	51	550.00	28,050.00
133	510502 (F)	MINOR CONCRETE (MINOR STRUCTURE)	CY	114	1,500.00	171,000.00
134	511036 (F)	ARCHITECTURAL SURFACE (BARRIER)	SQFT	1,601	25.00	40,025.00
135	511064 (F)	FRACTURED RIB TEXTURE	SQFT	18,037	4.00	72,148.00
136	511106	DRILL AND BOND DOWEL	LF	96	25.00	2,400.00
137	519100 (P)	JOINT SEAL (MR 2")	LF	184	110.00	20,240.00
138	520102 (P-F)	BAR REINFORCING STEEL (BRIDGE)	LB	1,107,234	1.20	1,328,680.00
139	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	329,055	1.20	394,866.00
140	520107 (P-F)	BAR REINFORCING STEEL (BOX CULVERT)	LB	497,561	1.05	522,439.05
141	530100	SHOTCRETE	CY	83	550.00	45,650.00
142	560218 (F)	FURNISH SIGN STRUCTURE (TRUSS)	LB	55,930	4.00	223,720.00
143	560219 (F)	INSTALL SIGN STRUCTURE (TRUSS)	LB	55,930	0.20	11,186.00
144	560244	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)	SQFT	490	20.00	9,800.00
145	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	1,050	20.00	21,000.00
146	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	430	18.00	7,740.00
147	560251	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED)	SQFT	200	18.00	3,600.00
148	560252	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED)	SQFT	220	18.00	3,960.00
149	562004	METAL (RAIL MOUNTED SIGN)	LB	160	10.00	1,600.00
150	566011	ROADSIDE SIGN - ONE POST	EA	110	250.00	27,500.00
151	566012	ROADSIDE SIGN - TWO POST	EA	10	500.00	5,000.00
152	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	3	100.00	300.00
153	568015	INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	9	350.00	3,150.00
154	568023	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX POST)	EA	2	550.00	1,100.00
155	620100 (P)	18" ALTERNATIVE PIPE CULVERT	LF	1,571	48.00	75,408.00
156	620140 (P)	24" ALTERNATIVE PIPE CULVERT	LF	399	55.00	21,945.00
157	620184A (P)	33" ALTERNATIVE PIPE CULVERT	LF	13	165.00	2,145.00
158	650014 (P)	18" REINFORCED CONCRETE PIPE	LF	167	65.00	10,855.00
159	650018 (P)	24" REINFORCED CONCRETE PIPE	LF	1,307	70.00	91,490.00
160	650022 (P)	30" REINFORCED CONCRETE PIPE	LF	28	100.00	2,800.00

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
161	650026 (P)	36" REINFORCED CONCRETE PIPE	LF	180	110. <sup>00</sup>	19,800. <sup>00</sup>
162	700617	DRAINAGE INLET MARKER	EA	9	10. <sup>00</sup>	90. <sup>00</sup>
163	703233	GRATED LINE DRAIN	LF	70	125. <sup>00</sup>	8,750. <sup>00</sup>
164	705311	18" ALTERNATIVE FLARED END SECTION	EA	4	350. <sup>00</sup>	1,400. <sup>00</sup>
165	705315	24" ALTERNATIVE FLARED END SECTION	EA	3	450. <sup>00</sup>	1,350. <sup>00</sup>
166	707117	36" PRECAST CONCRETE PIPE INLET	LF	33	350. <sup>00</sup>	11,550. <sup>00</sup>
167	707217	36" PRECAST CONCRETE PIPE MANHOLE	LF	52	200. <sup>00</sup>	10,400. <sup>00</sup>
168	721013 (F)	ROCK SLOPE PROTECTION (1/4T, METHOD B)	CY	259	90. <sup>00</sup>	23,310. <sup>00</sup>
169	721015 (F)	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	548	90. <sup>00</sup>	49,320. <sup>00</sup>
170	721028 (F)	ROCK SLOPE PROTECTION (NO. 2, METHOD B)	CY	143	90. <sup>00</sup>	12,870. <sup>00</sup>
171	721430	CONCRETE (CHANNEL LINING)	CY	390	400. <sup>00</sup>	156,000. <sup>00</sup>
172	721431	CONCRETE (CONCRETE APRON)	CY	7	600. <sup>00</sup>	4,200. <sup>00</sup>
173	729011 (P)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	1,233	6. <sup>00</sup>	7,398. <sup>00</sup>
174	730070	DETECTABLE WARNING SURFACE	SQFT	52	50. <sup>00</sup>	2,600. <sup>00</sup>
175	730020	MINOR CONCRETE (CURB)	CY	310	425. <sup>00</sup>	131,750. <sup>00</sup>
176	730040	MINOR CONCRETE (GUTTER)	LF	110	50. <sup>00</sup>	5,500. <sup>00</sup>
177	730045	MINOR CONCRETE (GUTTER)	CY	40	375. <sup>00</sup>	15,000. <sup>00</sup>
178	731507	MINOR CONCRETE (GUTTER DEPRESSION)	CY	21	475. <sup>00</sup>	9,975. <sup>00</sup>
179	731511	MINOR CONCRETE (ISLAND PAVING)	CY	3	700. <sup>00</sup>	2,100. <sup>00</sup>
180	731521	MINOR CONCRETE (SIDEWALK)	CY	180	325. <sup>00</sup>	58,500. <sup>00</sup>
181	731623	MINOR CONCRETE (CURB RAMP)	CY	15	650. <sup>00</sup>	9,750. <sup>00</sup>
182	750001 (P-F)	MISCELLANEOUS IRON AND STEEL	LB	16,326	1.50	24,489. <sup>00</sup>
183	750501 (P-F)	MISCELLANEOUS METAL (BRIDGE)	LB	6,757	3.50	23,649. <sup>00</sup>
184	750505 (P-F)	BRIDGE DECK DRAINAGE SYSTEM	LS	1	425,000. <sup>00</sup>	425,000. <sup>00</sup>
185	800103	TEMPORARY FENCE (TYPE CL-6)	LF	4,070	8. <sup>00</sup>	32,560. <sup>00</sup>
186	800310 (P)	CHAIN LINK FENCE (TYPE CL-3.5)	LF	574	30. <sup>00</sup>	17,220. <sup>00</sup>
187	800360 (P)	CHAIN LINK FENCE (TYPE CL-6)	LF	3,829	30. <sup>00</sup>	114,870. <sup>00</sup>
188	802520 (P)	6' CHAIN LINK GATE (TYPE CL-6)	EA	4	1,300. <sup>00</sup>	5,200. <sup>00</sup>
189	802620 (P)	16' CHAIN LINK GATE (TYPE CL-6)	EA	1	2,500. <sup>00</sup>	2,500. <sup>00</sup>
190	820107	DELINEATOR (CLASS 1)	EA	96	40. <sup>00</sup>	3,840. <sup>00</sup>
191	832005 (P)	MIDWEST GUARDRAIL SYSTEM	LF	1,934	28. <sup>00</sup>	54,152. <sup>00</sup>
192	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	990	40. <sup>00</sup>	39,600. <sup>00</sup>
193	833000 (P-F)	METAL RAILING	LF	603	50. <sup>00</sup>	30,150. <sup>00</sup>

**REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)**

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
194	833077	PEDESTRIAN BARRICADE	EA	3	1,000. <sup>00</sup>	3,000. <sup>00</sup>
195	833142 (F)	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	345	175. <sup>00</sup>	60,375. <sup>00</sup>
196	839521 (P-F)	CABLE RAILING	LF	203	15. <sup>00</sup>	3,045. <sup>00</sup>
197	839543 (P)	TRANSITION RAILING (TYPE WB-31)	EA	6	3,500. <sup>00</sup>	21,000. <sup>00</sup>
198	839576	END CAP (TYPE A)	EA	1	350. <sup>00</sup>	350. <sup>00</sup>
199	839578	END CAP (TYPE TC)	EA	6	450. <sup>00</sup>	2,700. <sup>00</sup>
200	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	10	800. <sup>00</sup>	8,000. <sup>00</sup>
201	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	8	3,200. <sup>00</sup>	25,600. <sup>00</sup>
202	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	7	2,600. <sup>00</sup>	18,200. <sup>00</sup>
203	839701	CONCRETE BARRIER (TYPE 60)	LF	81	120. <sup>00</sup>	9,720. <sup>00</sup>
204	839703	CONCRETE BARRIER (TYPE 60C)	LF	170	120. <sup>00</sup>	20,400. <sup>00</sup>
205	839704	CONCRETE BARRIER (TYPE 60D)	LF	130	90. <sup>00</sup>	11,700. <sup>00</sup>
206	839709	CONCRETE BARRIER (TYPE 60GE)	LF	380	140. <sup>00</sup>	53,200. <sup>00</sup>
207	839717 (F)	CONCRETE BARRIER (TYPE 732 MODIFIED)	LF	781	90. <sup>00</sup>	70,290. <sup>00</sup>
208	839726 (F)	CONCRETE BARRIER (TYPE 736A)	LF	724	90. <sup>00</sup>	65,160. <sup>00</sup>
209	839727 (F)	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	89	150. <sup>00</sup>	13,350. <sup>00</sup>
210	839729A (F)	CONCRETE BARRIER (TYPE 736A MODIFIED)	LF	505	120. <sup>00</sup>	60,600. <sup>00</sup>
211	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	2,280	4. <sup>00</sup>	9,120. <sup>00</sup>
212	<b>840501</b>	<b>THERMOPLASTIC TRAFFIC STRIPE</b>	LF	123,000	0. <sup>30</sup>	36,900. <sup>00</sup>
213	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	201,000	0. <sup>30</sup>	60,300. <sup>00</sup>
214	840666	PAINT PAVEMENT MARKING (2-COAT)	SQFT	3,600	3. <sup>00</sup>	10,800. <sup>00</sup>
215	850101 (P)	PAVEMENT MARKER (NON-REFLECTIVE)	EA	2,636	1.50	3,954. <sup>00</sup>
216	850111 (P)	PAVEMENT MARKER (RETROREFLECTIVE)	EA	2,496	3. <sup>00</sup>	7,488. <sup>00</sup>
217	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	1	10,000. <sup>00</sup>	10,000. <sup>00</sup>
218	860251 (P)	SIGNAL AND LIGHTING (LOCATION 1)	LS	1	185,000. <sup>00</sup>	185,000. <sup>00</sup>
219	860252 (P)	SIGNAL AND LIGHTING (LOCATION 2)	LS	1	185,000. <sup>00</sup>	185,000. <sup>00</sup>
220	860402 (P)	LIGHTING (CITY STREET)	LS	1	100,000. <sup>00</sup>	100,000. <sup>00</sup>
221	861101	RAMP METERING SYSTEM (LOCATION 1)	LS	1	60,000. <sup>00</sup>	60,000. <sup>00</sup>
222	861102	RAMP METERING SYSTEM (LOCATION 2)	LS	1	150,000. <sup>00</sup>	150,000. <sup>00</sup>
223	861103	RAMP METERING SYSTEM (LOCATION 3)	LS	1	45,000. <sup>00</sup>	45,000. <sup>00</sup>
224	861104	RAMP METERING SYSTEM (LOCATION 4)	LS	1	145,000. <sup>00</sup>	145,000. <sup>00</sup>
225	861497	MODIFY SIGNAL AND LIGHTING (LOCATION 1)	LS	1	18,000. <sup>00</sup>	18,000. <sup>00</sup>
226	861498	MODIFY SIGNAL AND LIGHTING (LOCATION 2)	LS	1	170,000. <sup>00</sup>	170,000. <sup>00</sup>

REVISED PROPOSAL (ISSUED BY ADDENDUM NO. 3)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>BASE BID</b>						
227	861504	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	1	400,000. <sup>00</sup>	400,000. <sup>00</sup>
228	862000A	COMMUNICATION SYSTEM	LS	1	170,000. <sup>00</sup>	170,000. <sup>00</sup>
229	999990	MOBILIZATION	LS	1	1,520,400. <sup>00</sup>	1,520,400. <sup>00</sup>
230	066100	DUST CONTROL	LS	1	30,000. <sup>00</sup>	30,000. <sup>00</sup>
231	015602	FUNDING AWARENESS SIGN	EA	2	5,000. <sup>00</sup>	10,000. <sup>00</sup>

BASE BID SUB TOTAL: Thirty Million Four Hundred Thirty Three Thousand \$ 30,433,024.<sup>15</sup>  
 ITEMS 1-231 Three thousand "WORDS" Twenty Four Dollars and fifteen Cts

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 1 - THE GAS COMPANY</b>						
232	510100A (P)	12" WELDED STEEL PIPE CASING (BRIDGE)	LS	1	70,000. <sup>00</sup>	70,000. <sup>00</sup>

ALTERNATE BID SCHEDULE 1 SUB TOTAL: Seventy Thousand Dollars & 00/100 Cents \$ 70,000.<sup>00</sup>  
 ITEM 232 "WORDS"

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
<b>ALTERNATE BID SCHEDULE 2 - EASTERN MUNICIPAL WATER DISTRICT</b>						
233	760081A	PERMANENT WATERLINE FACILITIES (LOCATION A AND B)	LS	1	400,000. <sup>00</sup>	400,000. <sup>00</sup>
234	760082A	PERMANENT WATERLINE FACILITIES (LOCATION C)	LS	1	230,000. <sup>00</sup>	230,000. <sup>00</sup>

ALTERNATE BID SCHEDULE 2 SUB TOTAL: Six Hundred Thirty Thousand Dollars & 00/100 Cents \$ 630,000.<sup>00</sup>  
 ITEMS 233-234 "WORDS"

PROJECT TOTAL (BASE BID, ALTERNATE BID SCHEDULE 1 AND ALTERNATE BID SCHEDULE 2):  
Thirty One Million, One Hundred Thirty Three Thousand \$ 31,133,024.<sup>15</sup>  
 ITEMS 1-234 Twenty four dollars and fifteen Cts "WORDS"

## Bidder Data and Signature

Name of Bidder: Ames Construction, Inc.

Type of organization: Corporation

Person(s) authorized to sign for Bidder: Richard J. Ames, Chairman of the Board,

Raymond G. Ames, President/Treasurer, Michael J. Kellen Secretary,

John A. Ames, Sr. Vice President, Gerard F. Miller, Vice President

Note:

If Bidder is a **Corporation**, state legal name of Corporation and also names of the president, vice-president, secretary, treasurer and manager thereof.

If Bidder is a **Co-Partnership**, state true name of firm and also names of all individual co-partners composing firm.

If Bidder is a sole proprietorship or an **Individual**, state first and last name(s) in full.

If Bid is signed by an agent other than an owner, partner or corporate officer, Bid shall be accompanied by a power-of-attorney.

Business Street Address: 391 N. Main Street, Suite 302  
(Please include business address even if P.O. Box is used.)

Business City, State, Zip Code: Corona, CA 92880

P.O. Box- Number: N/A

P.O. Box- City, State, Zip Code: N/A

Phone: ( 951 ) 356-1275

Facsimile: ( 951 ) 549-9003

E-mail: jerrymiller@amesco.com

Contractor's license number: 490481

License Classification(s): 'A'

Expiration date: 4/30/16

**Bidder Data and Signature (continued)**

Accompanying this Bid is a certified check, cashier check or bid bond in an amount equal to at least ten (10) percent of the total bid for:

**Interstate 215 at Newport Road  
Interchange Improvements  
in the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN- 5956(234)**

By my signature on this Bid, I certify, under penalty of perjury under the laws of the State of California, that all the information on this form is true and correct.

By my signature on this Bid, I certify, under penalty of perjury under the laws of the State of California, that the foregoing Statements and Questionnaire are true and correct and that the Bidder has complied with the requirements of Section 8103 of the Fair Employment and Housing Commission regulations (Chapter 5, Title 2 of the California Administrative Code).

By my signature on this Bid, I certify, under penalty of perjury under the laws of the State of California and the United States of America, that the Title 23 United States Code, Section 112 Non-Collusion Affidavit and Title 49 code of Federal Regulations, part 29 Debarment and Suspension Certification, and Disclosure of Lobbying Activities are true and correct.

IN WITNESS WHERE OF Bidder/Contractor executed this Bid as of the date set forth on page **B1** of this Bid.

Signature: 

Name (printed): Gerard F. Miller

Title: Vice President  
"Contractor"

## Subcontractor List

Bidder/Contractor submits the following complete list of each Subcontractor who will perform work, labor or render service in or about the construction in an amount in excess of 1/2 of 1% of the total bid or \$10,000 whichever is greater.

Check box on right side of row if any construction item, for the listed Subcontractor, is partial work. If partial work is to be performed within a certain construction item or trade, the Bidder/Contractor shall specify the portion(s) of the work to be performed by the different subcontractors or Bidder/Contractor will be subject to provisions of Public Contract Code Section 4106.

Name of Bidder (Prime/General Contractor): Ames Construction, Inc.

	Subcontractor Name	License Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	Pavement Recycling	569352	Jurupa Valley, CA	56 COLD PLANE 112 ASPHALT + 117 RUMBLE STRIPS	<input type="checkbox"/>
2.	←				<input type="checkbox"/>
3.	<del>All American</del>	<del>267073</del>	<del>Corona, CA</del> <sup>G.M.</sup>	108 113 <del>AC PAVING</del> <sup>G.M.</sup> 109 <del>PRIME</del> 110 <del>TACK</del> 111 115	<input type="checkbox"/>
4.	Hardy and Harpen	215952	Santa Ana, CA	108 113 AC Paving 109 Prime 110 115 Tack 111	<input type="checkbox"/>
5.	Malcolm	259543	Orwindaale, CA	123 124 CIDH	<input checked="" type="checkbox"/>
6.					<input type="checkbox"/>
7.	ACL	468840	Chino Hills, CA	195 210 CONCRETE 207 BARRIER 208 BRIDGE 209	<input checked="" type="checkbox"/>

(If applicable, check box.) Additional information for Subcontractor List is attached to this Bid. (A copy of this form may be attached with additional Subcontractor information.)

Percent of work to be performed by Subcontractors: 48 %

Note: A minimum of 50% of the work is required to be performed by the prime/general Contractor.

## Subcontractor List

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Name of Bidder (Prime/General Contractor): Ames Construction, Inc.

	Subcontractor Name	License Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	<i>Ersá</i>	<i>964573</i>	<i>Chico, CA</i>	<i>66 BRIDGE DEMO</i> <i>67</i> <i>68</i>	<input type="checkbox"/>
2.					<input type="checkbox"/>
3.	<i>Competitive edge</i>	<i>903142</i>	<i>Highland, CA</i>	<i>13 219 224 228</i> <i>14 220 225 222</i> <i>217 221 226 ELECTRICAL</i> <i>218 223 227</i>	<input type="checkbox"/>
4.					<input type="checkbox"/>
5.	<i>Diversified</i>	<i>576183</i>	<i>Wildomar, CA</i>	<del><i>EROSION PREVENTION CONTRACT</i></del> <i>G.M.</i> <i>HYDRO SEED</i> <i>100 103</i> <i>101 104</i> <i>102 105</i>	<input type="checkbox"/>
6.					<input type="checkbox"/>
7.	<i>DC Hubbs</i>	<i>509249</i>	<i>Yucaipa, CA</i>	<i>FENCE</i> <i>35 186 189</i> <i>39 187</i> <i>185 188</i>	<input type="checkbox"/>

(If applicable, check box.) Additional information for Subcontractor List is attached to this Bid. (A copy of this form may be attached with additional Subcontractor information.)

Percent of work to be performed by Subcontractors: \_\_\_\_\_ %

Note: A minimum of 50% of the work is required to be performed by the prime/general Contractor.

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Name of Bidder (Prime/General Contractor): Ames Construction, Inc.

	Subcontractor Name	License Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	DC Hubs	509249	Yucaipa, CA	MBGR 36 197 200 41 198 201 191 199 202	<input type="checkbox"/>
2.				RATINGS G.M. 193 196	<input type="checkbox"/>
3.					<input type="checkbox"/>
4.	Malcolm	259543	Orinda, CA	GROUND ANCHOR WALL + SHOTCRETE 120 141	<input checked="" type="checkbox"/>
5.					<input type="checkbox"/>
6.	Southwest Concrete	938500	Phoenix, AZ	JOINT SEAL 118 119	<input type="checkbox"/>
7.					<input type="checkbox"/>

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Name of Bidder (Prime/General Contractor): Ames Construction, Inc.

	Subcontractor Name	License Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	<i>Diversified</i>	<i>576183</i>	<i>Wildomar, CA</i>	LANDSCAPING 84 88 93 97 81 85 89 94 98 82 86 91 95 83 87 92 96	<input type="checkbox"/>
2.				<del>ROCK BLASTING</del> <i>G.M.</i> 80	<input checked="" type="checkbox"/>
3.	<i>Southwest Concrete</i>	<i>938500</i>	<i>phoenix, AZ</i>	PCC PAVING 107 116	<input type="checkbox"/>
4.					<input type="checkbox"/>
5.				<del>PILE DRIVING</del> <i>G.M.</i> 121 122	<input type="checkbox"/>
6.					<input type="checkbox"/>
7.	<i>DSI</i>	<i>273710</i>	<i>Long Beach, CA</i>	PRESTRESSING 126	<input type="checkbox"/>

(If applicable, check box.) Additional information for Subcontractor List is attached to this Bid. (A copy of this form may be attached with additional Subcontractor information.)

Percent of work to be performed by Subcontractors: \_\_\_\_\_ %

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Name of Bidder (Prime/General Contractor): Ames Construction, Inc.

	Subcontractor Name	License Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	<i>Integrity</i>	<i>533729</i>	<i>Perris, CA</i>	REBAR 123, 133, 204, 207, 210 <del>124</del> 195, 205, 208 130, 202, 206, 209	<input checked="" type="checkbox"/>
2.	<i>Integrity</i>	<i>533729</i>	<i>Perris, CA</i>	REBAR 138 139 140	<input type="checkbox"/>
3.					<input type="checkbox"/>
4.	<i>Superior Gunite</i>	<i>370034</i>	<i>Lakeview Terrace, CA</i>	CHANNEL LINING 171	<input checked="" type="checkbox"/>
5.					<input type="checkbox"/>
6.				ROADWAY SIGNS + CONSTR AREA SIGNS 7 11 14 147 151 162 9 46 145 148 152 190 10 55 146 149 153 231	<input type="checkbox"/>
7.					<input type="checkbox"/>

(If applicable, check box.) Additional information for Subcontractor List is attached to this Bid. (A copy of this form may be attached with additional Subcontractor information.)

Percent of work to be performed by Subcontractors: \_\_\_\_\_%

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Name of Bidder (Prime/General Contractor): Ames Construction, Inc.

	Subcontractor Name	License Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.	<i>Coral</i>	<i>332441</i>	<i>Wilsonville, OR</i>	SIGN STRUCTURES 47 143 125 144 142	<input type="checkbox"/>
2.					<input type="checkbox"/>
3.	<i>Celstripe</i>	<i>685387</i>	<i>Celton, CA</i>	STRIPING + MARKINGS 12 45 213 216 43 211 214 44 212 215	<input type="checkbox"/>
4.					<input type="checkbox"/>
5.	<i>ACL</i>	<i>468840</i>	<i>Chino Hills, CA</i>	CONCRETE BARRIER - ROADWAY 203 206 204 205	<input checked="" type="checkbox"/>
6.					<input type="checkbox"/>
7.	<i>Samrood</i>	<i>295891</i>	<i>Fontana, CA</i>	MINOR CONCRETE 132 176 179 192 172 177 180 174 178 181 175	<input checked="" type="checkbox"/>

(If applicable, check box.)  
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Percent of work to be performed by Subcontractors: \_\_\_\_\_%

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	Subcontractor Name	License Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.					<input type="checkbox"/>
2.					<input type="checkbox"/>
3.					<input type="checkbox"/>
4.					<input type="checkbox"/>
5.					<input type="checkbox"/>
6.					<input type="checkbox"/>
7.					<input type="checkbox"/>

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## Subcontractor List

Bidder/Contractor submits the following complete list of each Subcontractor who will perform work, labor or render service in or about the construction in an amount in excess of 1/2 of 1% of the total bid or \$10,000 whichever is greater.

Check box on right side of row if any construction item, for the listed Subcontractor, is partial work. If partial work is to be performed within a certain construction item or trade, the Bidder/Contractor shall specify the portion(s) of the work to be performed by the different subcontractors or Bidder/Contractor will be subject to provisions of Public Contract Code Section 4106.

Name of Bidder (Prime/General Contractor): Ames Construction, Inc.

	Subcontractor Name	License Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.					<input type="checkbox"/>
2.					<input type="checkbox"/>
3.					<input type="checkbox"/>
4.					<input type="checkbox"/>
5.					<input type="checkbox"/>
6.					<input type="checkbox"/>
7.					<input type="checkbox"/>

(If applicable, check box.) Additional information for Subcontractor List is attached to this Bid. (A copy of this form may be attached with additional Subcontractor information.)

Percent of work to be performed by Subcontractors: \_\_\_\_\_%

Note: A minimum of 50% of the work is required to be performed by the prime/general Contractor.

## Subcontractor List

Bidder/Contractor submits the following complete list of each Subcontractor who will perform work, labor or render service in or about the construction in an amount in excess of 1/2 of 1% of the total bid or \$10,000 whichever is greater.

Check box on right side of row if any construction item, for the listed Subcontractor, is partial work. If partial work is to be performed within a certain construction item or trade, the Bidder/Contractor shall specify the portion(s) of the work to be performed by the different subcontractors or Bidder/Contractor will be subject to provisions of Public Contract Code Section 4106.

Name of Bidder (Prime/General Contractor): Ames Construction, Inc.

	Subcontractor Name	License Number	Business Address (City, State)	Construction Item(s) [Item Number and Description]	Check if Partial Work
1.					<input type="checkbox"/>
2.					<input type="checkbox"/>
3.					<input type="checkbox"/>
4.					<input type="checkbox"/>
5.					<input type="checkbox"/>
6.					<input type="checkbox"/>
7.					<input type="checkbox"/>

(If applicable, check box.) Additional information for Subcontractor List is attached to this Bid. (A copy of this form may be attached with additional Subcontractor information.)

Percent of work to be performed by Subcontractors: \_\_\_\_\_%

Note: A minimum of 50% of the work is required to be performed by the prime/general Contractor.

## Non-Collusion Declaration

To be executed by bidder and submitted with bid.  
(Title 23 United States Code Section 112 and Public Contract Code Section 7106)

The undersigned declares:

I am the Vice President (Title) of Ames Construction, Inc. (Company),  
the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder.

All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price of any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the applicable laws that the foregoing is true and correct and that this declaration is executed on

December (Month) 10<sup>TH</sup> (Day) of 2014 (Year),  
at Corona (City), CA (State).

Signature of Declarant: \_\_\_\_\_

Printed name of Declarant: Gerard F. Miller

Name of Bidder (Company): Ames Construction, Inc.

Title or Office: Vice President

Note: Notarization of signature required.  
 Check box if attachment is included.

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

CIVIL CODE § 1189

State of California }  
County of Riverside }

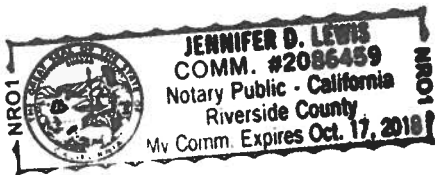
On 12/10/14 before me, Jennifer D. Lewis  
Date Here Insert Name and Title of the Officer

personally appeared Gerard F. Miller  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature: Jennifer D. Lewis  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: Non-Collusion Declaration

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

- Corporate Officer — Title(s): \_\_\_\_\_
- Individual
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER  
Top of thumb here

Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Corporate Officer — Title(s): \_\_\_\_\_
- Individual
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER  
Top of thumb here

Signer Is Representing: \_\_\_\_\_

**Iran Contracting Act**  
(Public Contract Code sections 2200-2208)

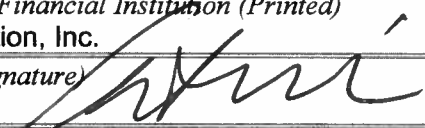
Prior to bidding on, submitting a proposal or executing a contract or renewal for a County of Riverside contract for goods or services of \$1,000,000 or more, a Contractor must either:

- a) Certify it is not on the current list of persons engaged in investment activities in Iran created by the California Department of General Services (“DGS”) pursuant to Public Contract Code section 2203(b) and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or
- b) Demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code section 2203(c) or (d).

To comply with this requirement, please insert your Contractor or financial institution name and Federal ID Number (if available) and complete one of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code section 2205.)

**Option #1 – Certification**

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

<i>Contractor Name/Financial Institution (Printed)</i> Ames Construction, Inc.		<i>Federal ID Number (or n/a)</i> 41-0871375
<i>By (Authorized Signature)</i> 		
<i>Printed Name and Title of Person Signing</i> Gerard F. Miller, Vice President		
<i>Date Executed</i> 12/10/14	<i>Executed in</i> Corona, CA	

**Option #2 – Exemption**

Pursuant to Public Contract Code sections 2203(c) and (d), a public entity may permit a Contractor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enters into or renews, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

<i>Contractor Name/Financial Institution (Printed)</i>		<i>Federal ID Number (or n/a)</i>
<i>By (Authorized Signature)</i>		
<i>Printed Name and Title of Person Signing</i>		
<i>Date Executed</i>	<i>Executed in</i>	

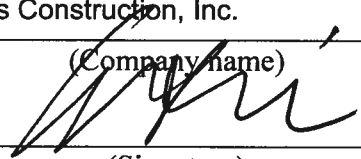
### Equal Employment Opportunity Certification

The bidder Ames , proposed subcontractor TBD , hereby certifies that he has X , has not \_\_\_\_\_ , participated in a previous contract or subcontract subject to the equal opportunity clauses, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Ames Construction, Inc.

\_\_\_\_\_  
(Company name)

By:

  
\_\_\_\_\_  
(Signature)

Gerard F. Miller

\_\_\_\_\_  
(Name, print)

Vice President

\_\_\_\_\_  
(Title)

12/10/14

\_\_\_\_\_  
(Date)

**Note:**

The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60-1.7(b) (1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contracts and subcontracts unless such Contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

## Public Contract Code Statements and Questionnaire

### Public Contract Code Section 10285.1 Statement

In conformance with Public Contract Code Section 10285.1 (Chapter 376, Stats. 1985), the bidder hereby declares under penalty of perjury under the laws of the State of California that the bidder has \_\_\_\_\_, has not X been convicted within the preceding three years of any offenses referred to in that section, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or Federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Public Contract Code Section 1101, with any public entity, as defined in Public Contract Code Section 1100, including the Regents of the University of California or the Trustees of the California State University. The term "bidder" is understood to include any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, as referred to in Section 10285.1.

**Note:** The bidder must place a check mark after "has" or "has not" in one of the blank spaces provided. The above Statement is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

### Public Contract Code Section 10162 Questionnaire

In conformance with Public Contract Code Section 10162, the Bidder shall complete, under penalty of perjury, the following questionnaire:

Has the bidder, any officer of the bidder, or any employee of the bidder who has a proprietary interest in the bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

Yes \_\_\_\_\_ No X

If the answer is yes, explain the circumstances on a separate page. N/A

### Public Contract Code 10232 Statement

In conformance with Public Contract Code Section 10232, the Contractor, hereby states under penalty of perjury, that no more than one final unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two year period because of the Contractor's failure to comply with an order of a federal court which orders the Contractor to comply with an order of the National Labor Relations Board.

**Note:** The above Statement and Questionnaire are part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement and Questionnaire.

Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

## Debarment and Suspension Certification

(Title 49, Code of Federal Regulations, Part 29)

The bidder, under penalty of perjury, certifies that, except as noted below, he/she or any other person associated therewith in the capacity of owner, partner, director, officer, manager:

- is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

N/A

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Exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

N/A

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**Notes:**

Providing false information may result in criminal prosecution or administrative sanctions.

Attention is directed to Title 2, Code of Federal Regulations, Parts 180 and 1200

Attention is directed to Form FHWA-1273, Section IV, Subsection 10. Certification of eligibility

The above certification is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Certification.

## **Nonlobbying Certification**

(for Federal-Aid Contracts)

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in conformance with its instructions.


This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

NOT APPLICABLE

### Disclosure of Lobbying Activities

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

<b>1. Type of Federal Action:</b> <input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	<b>2. Status of Federal Action:</b> <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	<b>3. Report Type:</b> <input type="checkbox"/> a. initial <input type="checkbox"/> b. material change  <b>For Material Change Only:</b> year ____ quarter ____ date of last report _____
<b>4. Name and Address of Reporting Entity</b>  <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known  Congressional District, if known _____	<b>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:</b>  Congressional District, if known _____	
<b>6. Federal Department/Agency:</b>  _____	<b>7. Federal Program Name/Description:</b>  _____	
<b>8. Federal Action Number, if known:</b>  _____	<b>9. Award Amount, if known:</b>  _____	
<b>10. a. Name and Address of Lobby Entity</b> (If individual, last name, first name, MI)  _____	<b>b. Individuals Performing Services</b> (including address if different from No. 10a) (last name, first name, MI)  _____	
(attach Continuation Sheet(s) if necessary)		
<b>11. Amount of Payment (check all that apply)</b> \$ _____ <input type="checkbox"/> actual <input type="checkbox"/> planned	<b>13. Type of Payment (check all that apply)</b> <input type="checkbox"/> a. retainer <input type="checkbox"/> b. one-time fee <input type="checkbox"/> c. commission <input type="checkbox"/> d. contingent fee <input type="checkbox"/> e. deferred <input type="checkbox"/> f. other, specify _____	
<b>12. Form of Payment (check all that apply):</b> <input type="checkbox"/> a. cash <input type="checkbox"/> b. in-kind; specify: nature _____ value _____		
<b>14. Brief Description of Services Performed or to be performed and Date(s) of Service, including officer(s), employee(s), or member(s) contacted, for Payment Indicated in Item 11:</b>  _____		
(attach Continuation Sheet(s) if necessary)		
<b>15. Continuation Sheet(s) attached:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
<b>16. Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying reliance was placed by the tier above when his transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semiannually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</b>	Signature: _____	
	Print Name: <u>Gerard F. Miller</u>	
	Title: <u>Vice President</u>	
	Telephone No.: <u>951-356-1275</u> Date: <u>12/10/14</u>	
<b>Federal Use Only:</b>	Authorized for Local Reproduction Standard Form - LLL	

## **Instructions for Completion of Standard Form – LLL**

### **Disclosure of Lobbying Activities**

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of covered Federal action or a material change to previous filing pursuant to title 31 U.S.C. section 1352. The filing of a form is required for such payment or agreement to make payment to lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with a covered Federal action. Attach a continuation sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence, the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last, previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the first tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in Item 4 checks "Subawardee" then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organization level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.

8. Enter the most appropriate Federal identifying number available for the Federal action identification in item 1 (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract grant. or loan award number, the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitments for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, state and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influenced the covered Federal action.  
(b) Enter the full names of the individual(s) performing services and include full address if different from 10 (a). Enter Last Name, First Name and Middle Initial (MI).
11. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (item 4) to the lobbying entity (item 10). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
12. Check the appropriate box(es). Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
13. Check the appropriate box(es). Check all boxes that apply. If other, specify nature.
14. Provide a specific and detailed description of the services that the lobbyist has performed or will be expected to perform and the date(s) of any services rendered. Include all preparatory and related activity not just time spent in actual contact with Federal officials. Identify the Federal officer(s) or employee(s) contacted or the officer(s) employee(s) or Member(s) of Congress that were contacted.
15. Check whether or not a continuation sheet(s) is attached.
16. The certifying official shall sign and date the form, print his/her name title and telephone number.

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instruction, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.

*SF-LLL-Instructions Rev. 06-04-90*

**Recommended by:**



\_\_\_\_\_  
Cindi Wachi, PE  
County Project Manager

**Concurrence:**



\_\_\_\_\_  
Khalid Nasim, PE  
Engineering Division Manager

**Acknowledged:**



Date: 11/17/14

(Contractor)

JRJ:jj:sb

Gerard F. Miller, Vice President

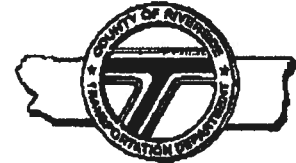
Note: Refer to Section 8, "Addenda" (Book 1 of 2, page A5). Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of **only this** acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page (B1) of the Bid form (Proposal).



Juan C. Perez, P.E., T.E.  
Director of Transportation and Land  
Management

# COUNTY OF RIVERSIDE

## TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
Assistant Director of Transportation

### Transportation Department

#### ADDENDUM NUMBER 2

Dated November 20, 2014

to the

Specifications and Contract Documents  
for the construction of

Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)

**Bids Due: (REVISED)**  
Wednesday, December 10, 2014; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

<http://rctima.org/trans/Contractors-Corner/Notices-Inviting-Bids>

#### MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: The new designated date and time for the receipt and opening of bids is revised as follows:

Wednesday, December 10, 2014; 2:00 p.m.  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

Plan holders are advised of Instruction to Bidder's Item 6, "Interpretation of Documents" regarding RFI inquires and response instruction. The 5<sup>th</sup> business day prior to the bid closing deadline is brought to your attention.

Prepared by: \_\_\_\_\_

Joel Jimenez, PE; Senior Civil Engineer, Contracts/Bidding Unit

Acknowledged: \_\_\_\_\_

(Contractor)

Date: 12/10/14

JRJ:jrj

Gerard F. Miller, Vice President

3525 14<sup>TH</sup> Street · Riverside, CA 92501 · (951) 955-6800  
P.O. Box 1090 · Riverside, CA 92502-1090 · FAX (951) 955-3164

**Recommended by:**



\_\_\_\_\_  
Cindi Wachi, PE  
County Project Manager

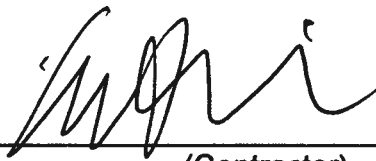
**Concurrence:**



12/3/14

\_\_\_\_\_  
Khalid Nasim, PE  
Engineering Division Manager

**Acknowledged:**



**Date:** 12/10/14

\_\_\_\_\_  
(Contractor)

JRJ:jrj:sb

Gerard F. Miller, Vice President

**Note:** Refer to Section 8, "Addenda" (Book 1 of 2, page A5). Submission of all addendum pages and non-bidding document attachments of addendum are not necessary for Bid submittal. Submittal of **only this** acknowledgement page is adequate for Bid reception. Bidders are reminded to list addendum number(s) received on the first page (B1) of the Bid form (Proposal).



Juan C. Perez, P.E., T.E.  
Director of Transportation and Land Management

# COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



Patricia Romo, P.E.  
Assistant Director of Transportation

## Transportation Department

### ADDENDUM NUMBER 4

Dated December 5, 2014

to the  
Specifications and Contract Documents  
for the construction of

Interstate 215 at Newport Road  
Interchange Improvements  
In the City of Menifee  
Project No. B5-0682  
Federal Aid No. STPLN-5956(234)

**Bids Due: Wednesday, December 10, 2014; 2:00 p.m.**  
14<sup>th</sup> Street Transportation Annex  
3525 14<sup>th</sup> Street; Riverside, CA 92501  
(951) 955-6780

This Addendum is issued pursuant to Section 8 of Instructions to Bidders of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the plans and specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Bid. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted Bid.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

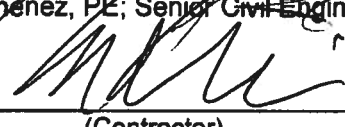
<http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

### CLARIFICATIONS TO CONTACT DOCUMENTS:

**Item 1: Project Information; Questions and Responses.**  
Questions and Responses information list is available as a free download at the following County website: <http://rctlma.org/trans/Contractors-Corner/Notices-Inviting-Bids>

This (downloadable) file is provided for reference only. For any discrepancy written on the Questions and Responses, the Contractor shall conform to the contract documents. The Contractor Questions and Responses are included as **Attachment "A"**.

Prepared by:   
Joel Jimenez, PE; Senior Civil Engineer; Contracts/Bidding Unit

Acknowledged:   
(Contractor) Date: 12/10/14

JRJ:jrj Gerard F. Miller, Vice President

**Bid Bond**

**Recitals:**

1. Ames Construction, Inc., 391 N Main Street, Suite 302, Corona, CA 92880 "Contractor", has submitted his/her Contractor's Proposal to County of Riverside, "County", for the construction of public work for **Interstate 215 at Newport Road, Interchange Improvements, in the City of Menifee, Project No. B5-0682, Federal Aid No. STPLN- 5956(234)** in accordance with a Notice Inviting Bids from the County.
2. Travelers Casualty and Surety Company of America a Connecticut corporation, hereafter called "Surety", is the surety of this bond.

**Agreement:**

We, Contractor as Principal and Surety as Surety, jointly and severally agree and state as follows:

1. The amount of the obligation of this bond is 10% of the amount of the Contractor's Proposal, including bid alternates, and inures to the benefit of County.
2. This Bond is exonerated by (1) County rejecting said Proposal or, in the alternate, (2) if said Proposal is accepted, Contractor executes the Contract and furnishes the Bonds as agreed to in its Proposal, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to act as agreed to in its Proposal. Some types of possible loss, damage and expense are specified in the Contractor's Proposal.
3. Surety, for value received, stipulates and agrees that its obligations hereunder shall in no way be impaired or affected by any extension of time within which County may accept the Proposal and waives notice of any such extension.
4. This Bond is binding on our heirs, executors, administrators, successors and assigns.

Dated: December 3, 2014

Signatures:

Travelers Casualty and Surety Company of America

Ames Construction, Inc.

By: *Bruce N. Telander*

By: *Raymond G. Ames*

Title: Bruce N. Telander  
Attorney in Fact  
"Surety"

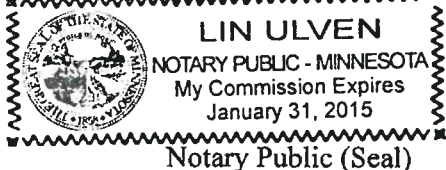
Title: Raymond G. Ames, President  
"Contractor"

STATE OF MINNESOTA  
COUNTY \_\_\_\_\_  
OF HENNEPIN

} ss. SURETY'S ACKNOWLEDGEMENT

On December 3, 2014 before me, Lin Ulven personally appeared, Bruce N. Telander known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacities, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.  
*[Signature]*  
Signature of Notary Public



**Note: This Bond must be executed by both Contractor and Surety with corporate seal affixed. All signatures must be notarized. (Attach acknowledgements).**

ACKNOWLEDGMENT OF CORPORATION

State of MINNESOTA )

Dakota ) ss. On this 3<sup>rd</sup> day of December 2014

County of Dakota ) before me appeared Raymond G. Ames

to me personally known, who, being by me duly sworn, did say that he  
is the President of

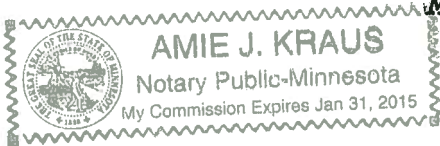
Ames Construction, Inc., a corporation, that the seal  
affixed to the foregoing instrument is the corporate seal of said  
corporation,

(If no seal, so state, and strike out above as to corporate seal)

and that said instrument was executed in behalf of said corporation by  
authority of its Board of Directors; and that said Raymond G. Ames  
acknowledged said instrument to be the free act and deed of said  
corporation.

*[Handwritten Signature]*

Notary Public SCOTLAND COUNTY, MN  
My commission expires 1/31/15





POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 228554

Certificate No. 006106157

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Bruce N. Telander, Donald R. Olson, John E. Tauer, Linda K. French, R. W. Frank, Craig Remick, Rachel Thomas, Nicole Stillings, Joshua R. Loftis, Brian J. Oestreich, Sandra M. Doze, Jerome T. Ouimet, D.R. Dougherty, Jack Cedarleaf II, Kurt C. Lundblad, Pamela T. Curran, and Melinda C. Blodgett

of the City of Minneapolis, State of Minnesota, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 1st day of October, 2014.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this 1st day of October, 2014, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public



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**COMPANY PROFILE**

**Company Information**

**TRAVELERS CASUALTY AND SURETY COMPANY**  
**ONE TOWER SQUARE**  
**HARTFORD, CT 06183**

Old Company Names	Effective Date
AETNA CASUALTY AND SURETY COMPANY (THE)	07/01/1997
FARMINGTON VALLEY INSURANCE COMPANY	12/30/1964

**Agent For Service**

KASHONDA LAWSON  
 C/O CORPORATION SERVICE COMPANY  
 2710 GATEWAY OAKS DRIVE, SUITE 150N  
 SACRAMENTO CA 95833

**Reference Information**

NAIC #:	19038
California Company ID #:	1790-5
Date Authorized in California:	12/29/1964
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	CONNECTICUT

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**NAIC Group List**

NAIC Group #: 3548 Travelers Grp

**Lines Of Business**

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the glossary.

- AIRCRAFT
- AUTOMOBILE
- BOILER AND MACHINERY
- BURGLARY
- COMMON CARRIER LIABILITY
- CREDIT
- DISABILITY
- FIRE
- LIABILITY
- MARINE
- MISCELLANEOUS
- PLATE GLASS
- SPRINKLER
- SURETY
- TEAM AND VEHICLE
- WORKERS' COMPENSATION

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