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

PROPOSAL (REVISED)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID						
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	**3**		
10	120120	TYPE III BARRICADE	EA	**7**		
11	120165	CHANNELIZER (SURFACE MOUNTED)	EA	**750**		
12	120300	TEMPORARY PAVEMENT MARKER	EA	**3,930**		
13	128601A	TEMPORARY SIGNAL SYSTEM (LOCATION 1)	LS	1		
14	128602A	TEMPORARY SIGNAL SYSTEM (LOCATION 2)	LS	1		
15	**128651**	**PORTABLE CHANGEABLE MESSAGE SIGN (EA)**	EA	10		
16	129000	TEMPORARY RAILING (TYPE K)	LF	**47,600**		
17	129100	TEMPORARY CRASH CUSHION MODULE	EA	**290**		
18	129150	TEMPORARY TRAFFIC SCREEN	LF	**47,600**		
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	**174,000**		
24	130610	TEMPORARY CHECK DAM	LF	630		
25	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	**66**		
26	130640	TEMPORARY FIBER ROLL	LF	**112,000**		
27	130650	TEMPORARY GRAVEL BAG BERM	LF	**3,430**		
28	130680	TEMPORARY SILT FENCE	LF	14,200		

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ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID						
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	**138,000**		
44	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	2,960		
45	150722	REMOVE PAVEMENT MARKER	EA	**2,350**		
46	150742	REMOVE ROADSIDE SIGN	EA	63		
47	150757	REMOVE SIGN STRUCTURE	EA	2		
48	150770	REMOVE ASPHALT CONCRETE PAVEMENT	SQFT	**14,700**		
49	150801	REMOVE OVERSIDE DRAIN	EA	5		
50	150802A	REMOVE ROCK SLOPE PROTECTION	CY	140		
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	**98,500**		
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		

PROPOSAL (REVISED)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID						
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	**165,000**		
71	192003 (F)	STRUCTURE EXCAVATION (BRIDGE)	CY	**3,121**		
72	192037 (F)	STRUCTURE EXCAVATION (RETAINING WALL)	CY	**3,893**		
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	**6,385**		
76	193027 (F)	STRUCTURE BACKFILL (GROUND ANCHOR WALL)	CY	26		
77	193031 (F)	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	**256**		
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	**204099A**	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		

PROPOSAL (REVISED)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID						
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	**7,950**		
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	**13,800**		
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**		

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ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID						
128	510053 (F)	STRUCTURAL CONCRETE, BRIDGE	CY	**2,835**		
129	510060 (F)	STRUCTURAL CONCRETE, RETAINING WALL	CY	**1,953**		
130	510086 (F)	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	200		
131	510090 (F)	STRUCTURAL CONCRETE, BOX CULVERT	CY	**2,434**		
132	510501 (F)	MINOR CONCRETE	CY	51		
133	510502 (F)	MINOR CONCRETE (MINOR STRUCTURE)	CY	**114**		
134	511036 (F)	ARCHITECTURAL SURFACE (BARRIER)	SQFT	1,601		
135	511064 (F)	FRACTURED RIB TEXTURE	SQFT	**18,037**		
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	**1,107,234**		
139	520103 (P-F)	BAR REINFORCING STEEL (RETAINING WALL)	LB	**329,055**		
140	520107 (P-F)	BAR REINFORCING STEEL (BOX CULVERT)	LB	**497,561**		
141	530100	SHOTCRETE	CY	**83**		
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	**1,050**		
146	560249	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED)	SQFT	**430**		
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	**3**		
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	**1,571**		
156	620140 (P)	24" ALTERNATIVE PIPE CULVERT	LF	**399**		
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	**1,307**		
160	650022 (P)	30" REINFORCED CONCRETE PIPE	LF	28		

PROPOSAL (REVISED)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID						
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	**33**		
167	707217	36" PRECAST CONCRETE PIPE MANHOLE	LF	52		
168	721013 (F)	ROCK SLOPE PROTECTION (1/4T, METHOD B)	CY	479		
169	721015 (F)	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	829		
170	721028 (F)	ROCK SLOPE PROTECTION (NO. 2, METHOD B)	CY	284		
171	721430	CONCRETE (CHANNEL LINING)	CY	**390**		
172	721431	CONCRETE (CONCRETE APRON)	CY	7		
173	729011 (P)	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	1,381		
174	730070	DETECTABLE WARNING SURFACE	SQFT	52		
175	730020	MINOR CONCRETE (CURB)	CY	310		
176	730040	MINOR CONCRETE (GUTTER)	LF	**110**		
177	730045	MINOR CONCRETE (GUTTER)	CY	40		
178	731507	MINOR CONCRETE (GUTTER DEPRESSION)	CY	**21**		
179	731511	MINOR CONCRETE (ISLAND PAVING)	CY	3		
180	731521	MINOR CONCRETE (SIDEWALK)	CY	**180**		
181	731623	MINOR CONCRETE (CURB RAMP)	CY	15		
182	750001 (P-F)	MISCELLANEOUS IRON AND STEEL	LB	**16,326**		
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	**574**		
187	800360 (P)	CHAIN LINK FENCE (TYPE CL-6)	LF	**3,829**		
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	**990**		
193	833000 (P-F)	METAL RAILING	LF	603		

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BASE BID						
194	833077	PEDESTRIAN BARRICADE	EA	3		
195	833142 (F)	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	345		
196	839521 (P-F)	CABLE RAILING	LF	**203**		
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	**505**		
211	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	2,280		
212	840560	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)	LF	123,000		
213	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	**201,000**		
214	840666	PAINT PAVEMENT MARKING (2-COAT)	SQFT	**3,600**		
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		

PROPOSAL (REVISED)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
BASE BID						
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 AWARNESS 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)
ALTERNATE BID SCHEDULE 1 - THE GAS COMPANY						
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)
ALTERNATE BID SCHEDULE 2 - EASTERN MUNICIPAL WATER DISTRICT						
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"

CONSTRUCTION NOTES:

Unless otherwise specified on the working drawing which forms a part of the specification, the Contractor/Developer shall furnish the following items at no cost to the Edison Company.

Southern California Edison Company has attempted to correctly show all existing utilities and substructures in the vicinity of the work, but does not guarantee there are no other substructures in the area. Failure of SCE to show all substructures in their correct location will not be a basis for a claim for extra work, and the contractor shall be responsible for all damages to substructures whether shown or not.

1. FOR GENERAL SPECIFICATIONS SEE UGS GI 001.

2. CONDUIT:
   a. Minimum cover in street or parkway is 30" below gutter grade, unless noted otherwise.
   b. Minimum cover on private property is 30" below finished grade, unless noted otherwise.
   c. Contractor is to furnish and install approved conduit to Edison specifications per UGS CD 100.1, 110 AND 120.
   d. For the type of conduit for this job, See UGS CD 110.1.
   e. Install all risers per UGS CD 160, 161, 162 and 170.
   f. Cap all mainline conduits per UGS CD 148 and service conduits per UGS CD 150.
   g. Install blank conduit plugs in all conduits terminating into Vaults, Manhole's, PMH's, SOE's & all cap locations, per UGS CD 180.1 & UGS CD 180.2
   h. Install pull rope in all conduit runs. Pull rope to be 1/4" polypropylene or polyethylene rope, braided or twisted. For specifications, approved makes, and suppliers, see UGS GI 040.
   i. All conduit must be mandreled with the approved mandrel UGS CD 197.

3. CONDUIT RADIUS REQUIREMENTS:
   a: The minimum radius for bends are:
      36" for conduits 3" in diameter or smaller
      48" for conduits 4" and 5" in diameter
      60" for 6" diameter conduit
   b: The minimum radius for all sweeps of all mainline conduits is 12'-6" (unless noted otherwise).

4. EXCAVATION AND BACKFILL:
   a. Work area shall be cleared and rough graded to within four inches of final grade prior to installation of Edison conduit or structures.
   b. All excavations shall be in accordance with the California State Construction Safety Orders (when applicable), Edison specifications, and all governing local ordinances.
   c. Each trench to be a uniform depth below final grade prior to installation of Edison conduit or structures.
   d. Backfill shall be provided by the Contractor for all excavations and shall include crushed rock, concrete, and/or imported backfill, when required.
   e. Backfill with a MINIMUM of one sack per yard sand cement slurry around and over vaults and manholes per UGS GI 030, section 6.4 and around PMH's within one foot of finished grade, per UGS SS 590.1.
   f. Backfill, per Edison specifications, shall immediately follow conduit or substructure installation. At no time shall conduit be left exposed over 24 hours.
   g. No rocks are allowed within 12 inches of direct-buried cables or any conduit without concrete encasement. Native backfill capable of passing through a one-half inch mesh screen shall be considered to be "rock free". If existing backfill does not pass through a 1/2" screen, place imported sand 3" below and 12" above Edison cables. After this point, no rocks larger than 12" diameter are permitted.
   h. All backfill shall be compacted to meet or exceed local ordinances or other requirements. It shall be placed in a manner that will not damage the conduit or substructure or allow future subsidence of the trench or structures.

5. PAVING:
   Repaving, where required, shall be placed in such a manner that interference with traffic, including pedestrian traffic, will be kept to a minimum. The Contractor shall establish a program of repaving acceptable to the Municipality, County, or other authority having jurisdiction and which is acceptable to Edison.

6. STRUCTURES:
   a. All substructures shall be constructed or installed to Edison specifications.
   b. Install protection barriers per UGS MS 830 when required in areas exposed to traffic, per Edison Inspector.
   c. All conduit lines and concrete floored substructures shall be water tight.
   d. All grounding materials shall be furnished and installed by the Contractor.

7. RETAINING WALLS:
   When required, retaining walls shall be provided by the Developer. Walls are required wherever grade rises more than 18 inches above the structure or 24" above the pad surface at a distance of 5 feet from the same, or in areas subject to erosion. Design and installation must comply with local building ordinances. Refer to Edison Inspector for typical space requirements.

8. PERMITS:
   All permits necessary for excavation shall be provided by the Contractor/Developer.

9. ACCESS:
   Heavy truck access shall be maintained to equipment locations. Structures must be clear of all appurtenances that would obstruct the loading or unloading of equipment.

10. SERVICES:
    a. Meters and services shall comply with Edison Electrical Services Requirements.
    b. Wiring must be in accordance with applicable local ordinances and approved by local Inspection Authorities.

11. LOCATION:
    a. The location of excavations and structures for Edison shall be as shown on the working drawing. No deviation from the planned locations will be permitted unless approved by the Edison Inspector. See UGS GI 001, section 2.2.
    b. Actual location of obstructions, storm drains, and/or other foreign utilities to be the responsibility of the Contractor. See UGS GI 001, section 2.3.

12. Contractor is to verify location and widths of all sidewalks and driveways prior to street light installation. See UGS CD 175.1, UGS CD 175.2 and UGS CD 175.3.

13. SURVEY:
    Surveying of street improvements, property corners, lot lines, finished grade, etc., necessary for the installation of underground facilities must be completed and markers or stakes placed prior to the start of the installation. In addition, Developer shall maintain the markers during the installation and inspection by Edison. Grade and property line stakes must show any offset measurements.

14. COORDINATION AND SUPERVISION:
    The Developer shall provide supervision over and coordination among the various contractors working within the development in order to prevent damage to Edison facilities. He is responsible for the cost of repairs, replacement, relocation, or other corrections to Edison facilities made necessary by his failure to provide supervision or to otherwise comply with these specifications.

15. TELEPHONE AND OTHER UTILITY REQUIREMENTS:
    The drawing prepared for this job may also cover the facilities to be installed for the telephone company and/or other utility. Any questions concerning details of their installation should be referred to the company concerned.

16. OWNERSHIP:
    Developer is to deed to the Edison Company all structures shown hereon except those shown as customer owned.

17. WARRANTY:
    Applicants expressly represent and warrant that all work performed and all material used in meeting Applicants' obligations herein are free from defects in workmanship and are in conformity with Southern California Edison Company's requirements. This warranty shall commence upon receipt by Applicants of Company's final acceptance and shall expire one year from that date. Applicants agree to promptly correct to the Company's satisfaction and that of any governmental agency having jurisdiction and at Applicant's expense any breach of this warranty which may become apparent through inspection or operation of underground electric system by Company during this warranty period.

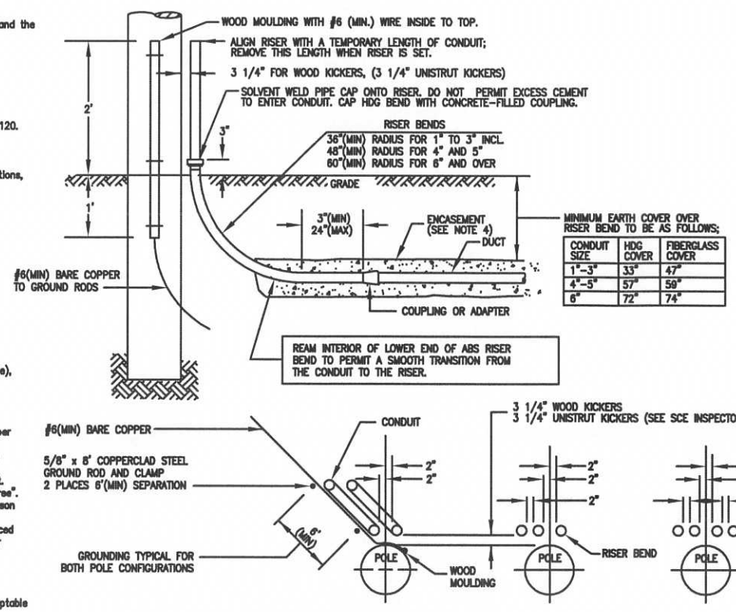
18. INSPECTION:
    Inspection is required during the construction period. A 48 hour advance notice of intent to start construction is required from the contractor to the Southern California Edison Company. Standards of Edison construction requirements are available upon request.

Duct and Structure Inspector: Phone:

Cabling Construction Coordinator: Phone:

UGSE Rev. 07/17/07

POLE RISER BEND FOR RISER ON KICK BLOCKS
SEE UGS CD 161



MINIMUM EARTH COVER OVER RISER BEND TO BE AS FOLLOWS;

CONDUIT SIZE	HDG COVER	FIBERGLASS COVER
1"-3"	33"	47"
4"-5"	57"	59"
6"	72"	74"

1. APPROVED RISER BENDS ARE SHOWN ON FOLLOWING TABLE;

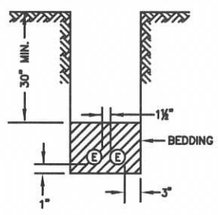
MATERIAL	SIZE							
	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"
ABS	–	–	–	X	X	X	X	–
FIBERGLASS	–	–	–	–	X	X	X	X
HDG	X	X	X	X	X	X	X	X

NOTE: 6" HDG OR FIBERGLASS RISER BEND SHALL BE USED WHEN SPECIFIED ON THE WORKING DRAWING. SEE UGS AC 702 FOR GROUNDING HDG RISER BENDS.

2. THE TOP AND BOTTOM OF 3", 4", 5" OR 6" FIBERGLASS BENDS ARE FURNISHED WITH PERMANENTLY ATTACHED PVC COUPLINGS. ALSO INCLUDED IS A 6" LONG 3", 4", 5" OR 6" SCHEDULE 80 PVC STUB-OUT, SOLVENT WELDED INTO THE TOP COUPLING. SEE UGS CD 166 FOR FIBERGLASS RISER BEND MATERIAL INFORMATION AND SUPPLIERS.
3. TWO GROUND RODS ARE REQUIRED AT ALL PRIMARY RISER POLES. DRIVE RODS IN TRENCH BOTTOM WITH 6" MINIMUM SEPARATION IN UNDISTURBED EARTH. LEAVE THE ROD TOPS 3" ABOVE THE TRENCH BOTTOM AND ATTACH CONTINUOUS GROUND WIRE WITH CLAMPS. EXTEND WIRE TO INDICATED LOCATION ON POLE AND STUB UP 2' ABOVE GRADE IN WOOD MOULDING. ALL GROUNDING MATERIALS FURNISHED BY THE CONTRACTOR. SEE UGS AC 703 FOR APPROVED GROUNDING MATERIALS.
4. ENCASEMENT REQUIRED ONLY WHEN CALLED OUT ON WORKING DRAWING.
5. SCHEDULE 80 PVC BENDS MAY BE SUBSTITUTED FOR FIBERGLASS BENDS FOR STRAIGHT RUNS OF 150' OR LESS IN CONDUIT SIZES 4" AND UNDER.

D78A: REV. 01/09/12

TYPICAL CONDUIT BANK SECTION
SEE UGS CD 120

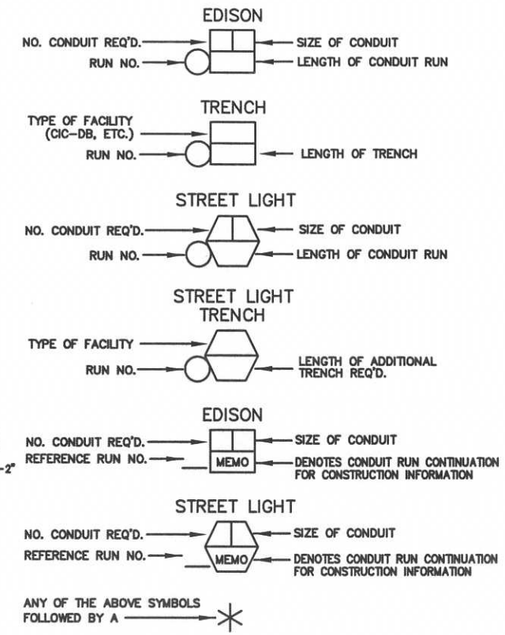


DIRECT BURIAL
SIMILAR CONSTRUCTION FOR FEWER CONDUIT
2 CONDUITS MAX.

D81: Rev. 09/23/09

UNDERGROUND SERVICE ALERT
Dial 811
Call USA
For Underground Locating
2 Working Days Before You Dig

LEGEND OF CONDUIT SYMBOLS
(CONVENTIONAL U. G.)



DENOTES THE FOLLOWING:

DB CONDUIT WITHOUT ENCASEMENT IS ACCEPTABLE FOR PORTIONS OF TRENCH WITH ONLY ONE OR TWO CONDUITS

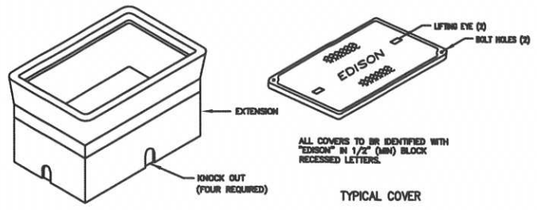
SEMI-ENCASEMENT IS REQUIRED FOR PORTIONS OF TRENCH WITH ONLY THREE OR FOUR CONDUITS

FULL ENCASEMENT IS REQUIRED FOR MORE THAN FOUR CONDUITS

D18: Rev. 5/08/2006

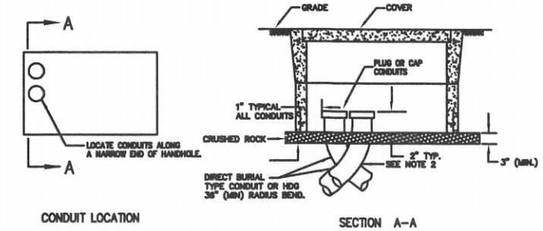
WHERE CONDUITS ARE PICKED UP OR INTERCEPTED, CONDUIT SHALL BE MANDRELLED AND PULL ROPE INSTALLED FROM TERMINAL TO TERMINAL.

TYPICAL HANDHOLE INSTALLATION
SEE UGS HP 205



TYPICAL COVER

TYPICAL ASSEMBLY (WITHOUT COVER)



CONDUIT LOCATION

SECTION A-A

NOTES:
1. SEE UGS HP 200 FOR DIMENSIONS OF VARIOUS SIZE HANDHOLES AVAILABLE.
2. RADIUS ANGLE MAY BE REDUCED TO LESS THAN 90° PROVIDING THE PROJECTED CENTER LINE OF THE CONDUIT CLEARS HANDHOLE OPENING.
3. TWO HOLD DOWN DEVICES TO BE SUPPLIED WITH EACH HANDHOLE.

D75 REV. 05/09/13

NOTE:
ALL ELECTRICAL DUCTS AND STRUCTURES WILL CONFORM TO GENERAL ORDER #128 (RULES FOR CONSTRUCTION OF UNDERGROUND ELECTRICAL SUPPLY AND COMMUNICATION PRESCRIBED BY THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA, JANUARY 2006).

WARNING

THE EXCAVATOR MUST TAKE ALL STEPS NECESSARY TO AVOID CONTACT WITH UNDERGROUND FACILITIES WHICH MAY RESULT IN INJURY TO PERSONS OR DAMAGE TO FACILITIES IN THE AREA. THE INDICATED LOCATIONS OF EDISON UNDERGROUND FACILITIES, AS PROVIDED, ARE BELIEVED TO BE ACCURATE, HOWEVER, THE FINAL DETERMINATION OF EXACT LOCATIONS AND THE COST OF REPAIR TO DAMAGED FACILITIES IS THE RESPONSIBILITY OF THE EXCAVATOR.

DISTRICT 77 – MENIFEE	PROJ. MGR. CONRIQUEZ, FRANK PHONE 951-219-3844		PLANNER CONRIQUEZ, FRANK PHONE 951-219-3844		
FOREMAN	TRUCK NO.	P/E	INVENTORY MAP NO. 553-1719-0	THOMAS GUIDE RIV 868	GRID NO. E2
DESIGN NO. 506583_0.01					
CSD 140 Y___ N___	BY-PASS CODE	EXISTING ___ CHANGE TO ___	TLM CHECKED ___ %LOAD	J.P.A. NO.	ASSOCIATED DESIGN NO.
PRODUCT/SAP NO. 721500-RELOCATE FACILITIES	PRODUCT/SAP NO.		PRODUCT/SAP NO.		

P					
TYPE	APPROVED BY	DATE	CHECKED BY	DRAWN BY	PAX #

Southern California Edison Company

PROPOSED CONSTRUCTION (LOCATION)
URS CORPORATION
27991 NEWPORT RD
MENIFEE CA 92584

SHEET 1 OF 2

JOB NO. 506583_0.01

ATTACHMENT "B1" TO ADDENDUM No. 1

CITY OF MENIFEE
RELOCATION FACILITIES

NOTES: TRUCK ACCESS GOOD
CREW TO REMOVE EXISTING #2 IN CIC (4170937E TO HH)
CREW TO REPLACE RISER AND HH AT STR#4617957E
CREW TO IN 350 CLP IN 3" DUCT FROM 4617957E TO HH3
CREW TO IN 1/0 CLP HH3 TH PEDISTALS

PROJECT REQUIREMENTS	
EDISON EASEMENT REQUIRED	N
PWRD 88 REQUIRED	N
PERMIT REQUIRED	Y
PERMIT TYPE: CALTRANS	
OUTAGE REQUIRED	Y
TRAFFIC CONTROL REQUIRED	Y
PED. TRAFFIC CONTROL REQ'D	N
CONVEYANCE LETTER REQ'D	N

1 | 3" | 9'
POLE TO HH–1
IN: 53' 350
TEN Str 2 to 4617957E – 46.93 LBS
TEN 4617957E to Str 2 – 2.65 LBS

2 | 3" | 481'
HH–1 TO HH–2
IN: 487' 350
TEN Str 1 to Str 2 – 468.15 LBS
TEN Str 2 to Str 1 – 468.15 LBS

EX: 1–3" 336'
RM: 339' #2
POLE TO HH
ABANDON EXISTING DUCT

RM: 10' 1/0 CIC HH TO PEDISTAL
ABANDON EXISTING CIC

4 | 3" | 20'
HH TO METER
TEN Str 1 to Str 2 – 3.55 LBS

873'
478'
72'
9'

NEWPORT RD

HH H
17"x30"x18" (HH–1)
CI:

HH H
17"x30"x18" (HH–2)
CI:

HH H
17"x30"x24" (HH–3)
CI:

15' #2 09 HH TO PEDISTAL

POLE TO H
13' 1–3" 08
40' 1–2" UP 09
53' #2 09

EX: POLE
(POLE–4)
RM: 4170937E

EXISTING 4617957E 1
80'
RM: 1– TM 2–#2 & 1–#4 600V 1P UG TO OH
RM: 433– CBL #2 AL 3–1/C 17KV IN CIC
RM: 2– RSR 3" TO 2" EXTENSION
RM: 1– S HH PLAS 17"X30" W/6 WAY BAR
RM: 1– S HH CONC 17"X30"X24"
RM: 1– CNN BAR INS LT DUTY #8–350 1P 4–WAY
RM: 30– CBL 2–1/0 1–#2 AL 3–1/C 600V IN CIC
IN: 1– RSR 3" EXTENSION
CF: 925– CM DUCT 2 1/2" TO 4"
CF: 900– CM DUCT FOR EXCAVATION
CI: 2– S HH POLY 17"X30"X18" LT TRAFFIC
CF: 3– SS TAX EXCV CST FOR BD/PAD/PB/PME/SB/SOE
CI: 1– S HH CONC 17"X30"X24"
IN: 2– CNN BAR INS LT DUTY #8–350 1P 4–WAY
IN: 1– CNN BAR INS LT DUTY #8–350 1P 6–WAY
IN: 2–#350 1–4/0 CLP 930' (1 runs)
MI: 2–#350 1–4/0 CLP 15' (1 runs)
IN: 2–1/0 1–#2 CLP 55' (1 runs)
MI: 2–1/0 1–#2 CLP 6' (1 runs)

3 | 3" | 398'
HH–2 TO HH–3
IN: 404' 350
TEN Str 1 to Str 2 – 385.82 LBS
TEN Str 2 to Str 1 – 385.82 LBS

3 | 3" | 14'
HH TO METER
TEN Str 1 to Str 2 – 1.79 LBS

N
3"
RUN: 478
RISER: 40
TOTAL: 518
4617957E

VD=1.79%
100AMP PANEL
120/240V 1PHASE
2.55KW 0TON

VD=1.81%
100AMP PANEL
120/240V 1PHASE
4.25KW 0TON

27991 NEWPORT RD TC1 MENIFEE CA 92584 0000
27991 NEWPORT RD LS3 MENIFEE CA 92584 0000

FUTURE ON–RAMP
EXISTING ON–RAMP
HAUN RD
YELLOW BASKET
FAMOUS FOOTWEAR
TILLY'S

SCALE: 1" = 100'
0 100 200

PIEDRA 12KV
NEWCOMB SUB
A3

PRELIMINARY
Not For Construction

SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company

DISTRICT: 77 – MENIFEE	PROJ. MGR. CONRIQUEZ, FRANK PHONE 951–219–3844		PLANNER CONRIQUEZ, FRANK PHONE 951–219–3844		
FOREMAN	TRUCK NO.	P/E	INVENTORY MAP NO. 553–1719–0	THOMAS GUIDE 868	GRID NO. E2
DESIGN NO. 506583_0.01					
CSD 140 Y___ N___	BY–PASS CODE	EXISTING ___ CHANGE TO ___	TLM CHECKED ___ %LOAD	J.P.A. NO.	ASSOCIATED DESIGN NO. N/A
PRODUCT/SAP NO. 721500-RELOCATE FACILITIES	PRODUCT/SAP NO. N/A		PRODUCT/SAP NO. N/A		

TYPE	APPROVED BY	DATE	CHECKED BY	DRAWN BY	PAX #
P					

Southern California Edison Company

PROPOSED CONSTRUCTION (LOCATION)
URS CORPORATION
27991 NEWPORT RD
MENIFEE CA 92584

SHEET 2 OF 2
JOB NO. 506583_0.01

ATTACHMENT "B1" TO ADDENDUM No. 1

CONSTRUCTION NOTES:

Unless otherwise specified on the working drawing which forms a part of the specification, the Contractor/Developer shall furnish the following items at no cost to the Edison Company.

Southern California Edison Company has attempted to correctly show all existing utilities and substructures in the vicinity of the work, but does not guarantee there are no other substructures in the area. Failure of SCE to show all substructures in their correct location will not be a basis for a claim for extra work, and the contractor shall be responsible for all damages to substructures whether shown or not.

1. FOR GENERAL SPECIFICATIONS SEE UGS GI 001.

2. CONDUIT:
   a. Minimum cover in street or parkway is 30" below gutter grade, unless noted otherwise.
   b. Minimum cover on private property is 30" below finished grade, unless noted otherwise.
   c. Contractor is to furnish and install approved conduit to Edison specifications per UGS CD 100.1, 110 AND 120.
   d. For the type of conduit for this job, See UGS CD 110.1.
   e. Install all risers per UGS CD 160, 161, 162 and 170.
   f. Cap all mainline conduits per UGS CD 148 and service conduits per UGS CD 150.
   g. Install blank conduit plugs in all conduits terminating into Vaults, Manhole's, PMH's, SOE's & all cap locations, per UGS CD 180.1 & UGS CD 180.2
   h. Install pull rope in all conduit runs. Pull rope to be 1/4" polypropylene or polyethylene rope, braided or twisted. For specifications, approved makes, and suppliers, see UGS GI 040.
   I. All conduit must be mandreled with the approved mandrel UGS CD 197.

3. CONDUIT RADIUS REQUIREMENTS:
   a: The minimum radius for bends are:
      36" for conduits 3" in diameter or smaller
      48" for conduits 4" and 5" in diameter
      60" for 6" diameter conduit
   b: The minimum radius for all sweeps of all mainline conduits is 12'-6" (unless noted otherwise).

4. EXCAVATION AND BACKFILL:
   a. Work area shall be cleared and rough graded to within four inches of final grade prior to installation of Edison conduit or structures.
   b. All excavations shall be in accordance with the California State Construction Safety Orders (when applicable), Edison specifications, and all governing local ordinances.
   c. Each trench to be a uniform depth below final grade prior to installation of Edison conduit or structures.
   d. Backfill shall be provided by the Contractor for all excavations and shall include crushed rock, concrete, and/or imported backfill, when required.
   e. Backfill with a MINIMUM of one sack per yard sand cement slurry around and over vaults and manholes per UGS GI 030, section 6.4 and around PMH's within one foot of finished grade, per UGS SS 590.1.
   f. Backfill, per Edison specifications, shall immediately follow conduit or substructure installation. At no time shall conduit be left exposed over 24 hours.
   g. No rocks are allowed within 12 inches of direct-buried cables or any conduit without concrete encasement. Native backfill capable of passing through a one-half inch mesh screen shall be considered to be "rock free". If existing backfill does not pass through a 1/2" screen, place imported sand 3" below and 12" above Edison cables. After this point, no rocks larger than 12" diameter are permitted.
   h. All backfill shall be compacted to meet or exceed local ordinances or other requirements. It shall be placed in a manner that will not damage the conduit or substructure or allow future subsidence of the trench or structures.

5. PAVING:
   Repaving, where required, shall be placed in such a manner that interference with traffic, including pedestrian traffic, will be kept to a minimum. The Contractor shall establish a program of repaving acceptable to the Municipality, County, or other authority having jurisdiction and which is acceptable to Edison.

6. STRUCTURES:
   a. All substructures shall be constructed or installed to Edison specifications.
   b. Install protection barriers per UGS MS 830 when required in areas exposed to traffic, per Edison Inspector.
   c. All conduit lines and concrete floored substructures shall be water tight.
   d. All grounding materials shall be furnished and installed by the Contractor.

7. RETAINING WALLS:
   When required, retaining walls shall be provided by the Developer. Walls are required wherever grade rises more than 18 inches above the structure or 24" above the pad surface at a distance of 5 feet from the same, or in areas subject to erosion. Design and installation must comply with local building ordinances. Refer to Edison Inspector for typical space requirements.

8. PERMITS:
   All permits necessary for excavation shall be provided by the Contractor/Developer.

9. ACCESS:
   Heavy truck access shall be maintained to equipment locations. Structures must be clear of all appurtenances that would obstruct the loading or unloading of equipment.

10. SERVICES:
    a. Meters and services shall comply with Edison Electrical Services Requirements.
    b. Wiring must be in accordance with applicable local ordinances and approved by local inspection Authorities.

11. LOCATION:
    a. The location of excavations and structures for Edison shall be as shown on the working drawing. No deviation from the planned locations will be permitted unless approved by the Edison Inspector. See UGS GI 001, section 2.2.
    b. Actual location of obstructions, storm drains, and/or other foreign utilities to be the responsibility of the Contractor. See UGS GI 001, section 2.3.

12. Contractor is to verify location and widths of all sidewalks and driveways prior to street light installation. See UGS CD 175.1, UGS CD 175.2 and UGS CD 175.3.

13. SURVEY:
    Surveying of street improvements, property corners, lot lines, finished grade, etc., necessary for the installation of underground facilities must be completed and markers or stakes placed prior to the start of the installation. In addition, Developer shall maintain the markers during the installation and inspection by Edison. Grade and property line stakes must show any offset measurements.

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    The Developer shall provide supervision over and coordination among the various contractors working within the development in order to prevent damage to Edison facilities. He is responsible for the cost of repairs, replacement, relocation, or other corrections to Edison facilities made necessary by his failure to provide supervision or to otherwise comply with these specifications.

15. TELEPHONE AND OTHER UTILITY REQUIREMENTS:
    The drawing prepared for this job may also cover the facilities to be installed for the telephone company and/or other utility. Any questions concerning details of their installation should be referred to the company concerned.

16. OWNERSHIP:
    Developer is to deed to the Edison Company all structures shown herson except those shown as customer owned.

17. WARRANTY:
    Applicants expressly represent and warrant that all work performed and all material used in meeting Applicants' obligations herein are free from defects in workmanship and are in conformity with Southern California Edison Company's requirements. This warranty shall commence upon receipt by Applicants of Company's final acceptance and shall expire one year from that date. Applicants agree to promptly correct to the Company's satisfaction and that of any governmental agency having jurisdiction and at Applicant's expense any breach of this warranty which may become apparent through inspection or operation of underground electric system by Company during this warranty period.

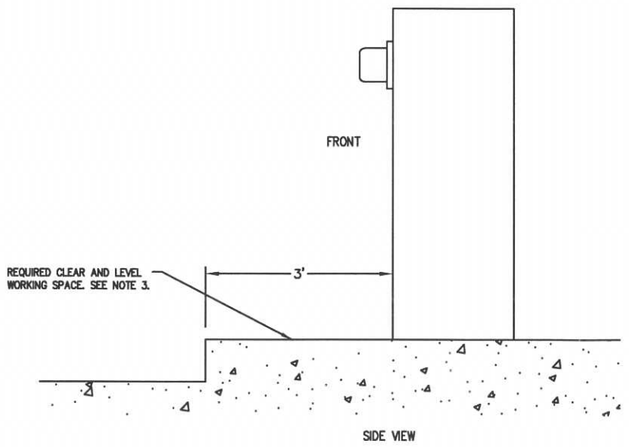
18. INSPECTION:
    Inspection is required during the construction period. A 48 hour advance notice of intent to start construction is required from the contractor to the Southern California Edison Company. Standards of Edison construction requirements are available upon request.

Duct and Structure Inspector: Phone:

Cabling Construction Coordinator: Phone:

D03: Rev. 07/17/07

PANEL CLEARANCE
UNDERGROUND SERVICE CONNECTIONS 0-600 VOLTS
SEE ESR 3-16



SIDE VIEW

NOTES:

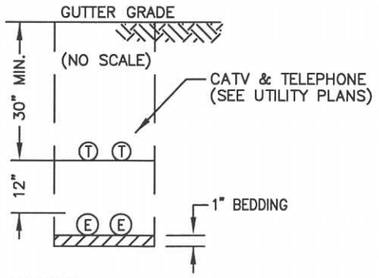
1. A MINIMUM OF THREE (3) FEET OF CLEAR, LEVEL WORK SPACE IS REQUIRED IN FRONT OF ALL TERMINATION, METERING, AND SERVICE EQUIPMENT.
2. SEE ESR-5 FOR METER-MOUNTING HEIGHT REQUIREMENTS. METER MOUNTING HEIGHT WILL BE MEASURED FROM THE STANDING AND WORKING SPACE TO THE CENTERLINE OF THE METER(S).
3. WHEN SERVICE EQUIPMENT IS INSTALLED ON AN ELEVATED PORTION OF THE FLOOR/GROUND, OR HOUSEKEEEPING PAD, THE PAD SHALL BE FLUSH WITH AND EXTEND A MINIMUM OF THREE (3) FEET. THIS IS MEASURED FROM THE FRONT OF THE SERVICE EQUIPMENT OR THE OUTER DOOR(S) OF THE SWITCHBOARD NEMA 3R ENCLOSURE WHEN INSTALLED. IN NO CASE SHALL THE MAXIMUM METER HEIGHT OF SIX (6) FEET THREE (3) INCHES BE EXCEEDED.
4. TO MAINTAIN A SAFE, CLEAR, AND LEVEL WORKING AREA IN FRONT OF NEW OR EXISTING METER AND SERVICE EQUIPMENT, A CONCRETE SLAB OR OTHER SUITABLE PERMANENT HARD SURFACE, ACCEPTABLE TO THE COMPANY, MUST BE USED.
5. FOR SWITCHBOARDS ABOVE 600V, FIVE-FOOT MINIMUM OF CLEAR AND LEVEL STANDING AND WORKING SPACE IS REQUIRED IN THE FRONT, REAR, AND SIDE OF ANY SECTION WHERE SUCH PART SUPPORTS OR PROVIDES ACCESS TO METERING, TESTING EQUIPMENT, OR SERVICE CABLE TERMINATION SECTIONS.

D99: 07/08/07

WARNING

THE EXCAVATOR MUST TAKE ALL STEPS NECESSARY TO AVOID CONTACT WITH UNDERGROUND FACILITIES WHICH MAY RESULT IN INJURY TO PERSONS OR DAMAGE TO FACILITIES IN THE AREA. THE INDICATED LOCATIONS OF EDISON UNDERGROUND FACILITIES, AS PROVIDED, ARE BELIEVED TO BE ACCURATE, HOWEVER, THE FINAL DETERMINATION OF EXACT LOCATIONS AND THE COST OF REPAIR TO DAMAGED FACILITIES IS THE RESPONSIBILITY OF THE EXCAVATOR.

TYPICAL CONDUIT SECTION
JOINT WITH CATV & TELE
SEE UGS CD 120



D81-J REV. 09/23/09

LEGEND CODE DEFINITIONS

CI – CUSTOMER CONTRACTOR INSTALLED: MATERIALS FURNISHED AND INSTALLED BY APPLICANT AT EDISON'S EXPENSE AND ARE DEEDED TO EDISON. (EXCEPTION: STREET LIGHT ELECTROLIERS WILL BE INSTALLED BY EDISON'S CONTRACTOR.)

CO – CUSTOMER CONTRACTOR OWNED: MATERIALS FURNISHED. INSTALLED. OWNED. AND MAINTAINED BY APPLICANT.

CF – CUSTOMER CONTRACTOR FURNISHED: MATERIALS FURNISHED AND INSTALLED BY APPLICANT AT APPLICANT'S EXPENSE THAT MAY BE DEEDED TO EDISON.

IN – INSTALL: MATERIALS FURNISHED AND INSTALLED BY APPLICANT IF APPLICANT INSTALLED PROJECT OR BY EDISON IF EDISON INSTALLED PROJECT. (EXCEPTION: FOR AN APPLICANT INSTALLED LINE EXTENSION. STATION NOS._____ HAVING AN ASTERISK ADJACENT TO AN "IN" LEGEND CODE REPRESENTS MATERIALS TO BE PROVIDED BY APPLICANT AND INSTALLED BY EDISON IN ALL CASES. REFER TO DPB 8258. PROJECT MATERIAL LIST BY ASSEMBLY WITHIN A STATION.)

MI – MEMO INSTALL: SAME AS IN-INSTALL.

MR – MEMO REMOVE: MATERIALS REMOVED BY EDISON.

RM – MEMO REMOVED: MATERIALS REMOVED BY EDISON.

SI – SHOOFLY IN: MATERIALS FURNISHED AND INSTALLED BY EDISON FOR TEMPORARY CONSTRUCTION.

SR – SHOOFLY REMOVE: MATERIALS REMOVED BY EDISON FOR TEMPORARY CONSTRUCTION.

TR – TRANSFER: EDISON LABOR REQUIRED TO TRANSFER EXISTING FACILITIES.

D31: Rev. 11/85

CONDUIT RADIUS REQUIREMENTS:

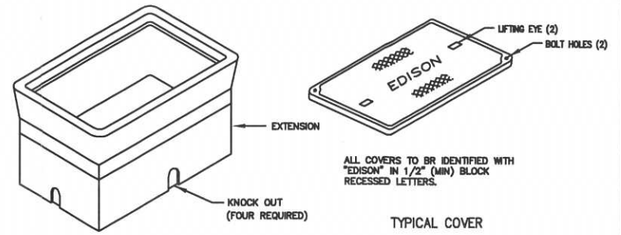
A: The minimum radius for bends are:
36" for conduits 3" in diameter or smaller
48" for conduits 4" and 5" in diameter
60" for 6" diameter conduit

B: The minimum radius for sweeps are:
36" for conduits 3" in diameter or smaller
12'-6" for conduits 4" in diameter and larger, unless otherwise noted.

TIE-IN MADE THROUGH BOTTOM OF STRUCTURE

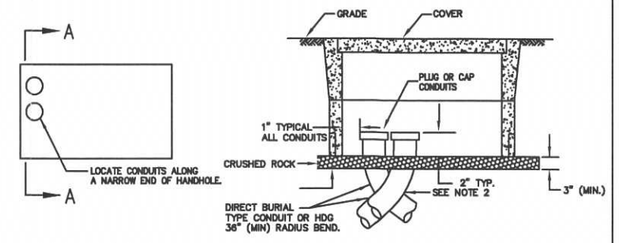
(Pad, Primary Splice Box)
The customer is responsible to trench and bring the conduit to within the last riser bend of the structure being entered (do not undermine structure being entered). The customer is to provide coupling and bend.

TYPICAL HANDHOLE INSTALLATION
SEE UGS HP 205



TYPICAL ASSEMBLY (WITHOUT COVER)

TYPICAL COVER



CONDUIT LOCATION

SECTION A-A

NOTES:

1. SEE UGS HP 200 FOR DIMENSIONS OF VARIOUS SIZE HANDHOLES AVAILABLE.
2. RADIUS ANGLE MAY BE REDUCED TO LESS THAN 90° PROVIDING THE PROJECTED CENTER LINE OF THE CONDUIT CLEARS HANDHOLE OPENING.
3. TWO HOLD DOWN DEVICES TO BE SUPPLIED WITH EACH HANDHOLE.

D75 REV. 05/09/13

DISTRICT 77 – MENIFEE	PROJ. MGR. CONRIQUEZ, FRANK PHONE 951-219-3844		PLANNER CONRIQUEZ, FRANK PHONE 951-219-3844		
FOREMAN	TRUCK NO.	P/E	INVENTORY MAP NO. 553-1720-5	THOMAS GUIDE RV 868	GRID NO. E2	DESIGN NO. 506584_0.01
CSD 140 Y____ N____	BY-PASS CODE	EXISTING _____ CHANGE TO _____	TLM CHECKED 84.3 %LOAD	J.P.A. NO. N/A	ASSOCIATED DESIGN NO. N/A	
PRODUCT/SAP NO. 721501-RELOCATE FACILITIES	PRODUCT/SAP NO. N/A		PRODUCT/SAP NO. N/A		

TYPE	APPROVED BY	DATE	CHECKED BY	DRAWN BY	PAX #

Southern California Edison Company

PROPOSED CONSTRUCTION (LOCATION)
URS CORPORATION
28021 NEWPORT ROAD
MENIFEE, CA 92584

SHEET 1 OF 2

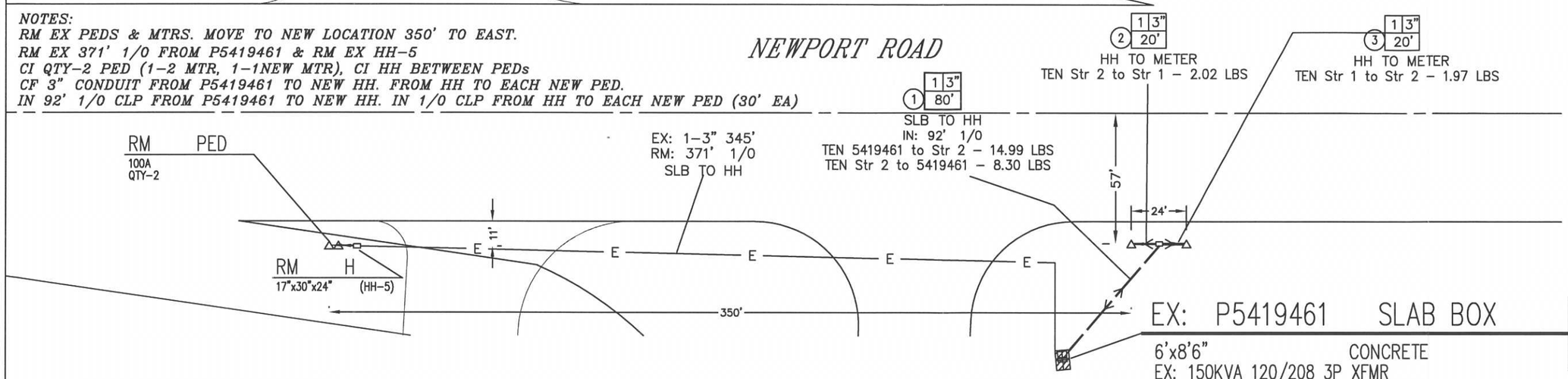
JOB NO. 506584_0.01

ATTACHMENT "B2" TO ADDENDUM No.1

CITY OF MENIFEE

RELOCATE FACILITIES

NOTES:
RM EX PEDS & MTRS. MOVE TO NEW LOCATION 350' TO EAST.
RM EX 371' 1/0 FROM P5419461 & RM EX HH-5
CI QTY-2 PED (1-2 MTR, 1-1NEW MTR), CI HH BETWEEN PEDs
CF 3" CONDUIT FROM P5419461 TO NEW HH. FROM HH TO EACH NEW PED.
IN 92' 1/0 CLP FROM P5419461 TO NEW HH. IN 1/0 CLP FROM HH TO EACH NEW PED (30' EA)



PROJECT REQUIREMENTS	
EDISON EASEMENT REQUIRED	N
PWRD 88 REQUIRED	Y
PERMIT REQUIRED	Y
PERMIT TYPE: CALTRANS	
OUTAGE REQUIRED	Y
TRAFFIC CONTROL REQUIRED	Y
PED. TRAFFIC CONTROL REQ'D	Y
CONVEYANCE LETTER REQ'D	N

UNDERGROUND SERVICE ALERT
Dial 811
Call USA
For Underground Locating
2 Working Days Before You Dig

T.L.M. DATA:

	SIZE	KVA	CUST	% LOAD
EXIST.	150	120.5	14	80.3%
PROP.	150	126.4	15	84.3%

VOLTAGE DROP: 1.57% & 1.45%
FLICKER FACTOR: N/A
PRI. CIRCUIT: SUNGLASSES 12KV

VD=1.57%
100AMP PANEL
120/208V 1PHASE
9.44KW 0TON
28021 NEWPORT RD TC1 MENIFEE CA 92584 0000
28021 NEWPORT RD LS3 MENIFEE CA 92584 0000

VD=1.45%
100AMP PANEL
120/208V 1PHASE
5KW 0TON
999999 FAKE ADDRESS RD MENIFEE CA 92584

EX: P5419461 SLAB BOX

1

6'x8'6" CONCRETE
EX: 150KVA 120/208 3P XFMR
RM: 371- CBL 2-1/0 1-#2 AL 3-1/C 600V IN CIC
RM: 1- CNN BAR INS LT DUTY #8-350 1P 4-WAY
RM: 1- S HH CONC 17"X30"X24"
IN: 1- CNN HYLUGS PM 2-1/0 1-#2 12/16KV 1P
IN: 1- CNN BOLT PM 1&2 RUNS #2 TO 1/0
IN: 152- CBL 2-1/0 1-#2 AL 3-1/C 600V IN DUCT
IN: 1- CNN BAR INS LT DUTY #8-350 1P 4-WAY
CF: 120- CM DUCT 2 1/2" TO 4"
CF: 108- CM DUCT FOR EXCAVATION
CF: 1- S HH CONC 17"X30"X24"
CF: 1- SS TAX EXCV CST FOR PLASTIC HH

SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company

SCALE: 1" = 50'
0 50 100

FOR INSPECTION CALL:
THERON GUNTHER
951-505-8321

CONNECTING TO EXISTING SCE STRUCTURES

- Per SCE requirements, customers are not allowed to enter, intercept or tie-in to existing SCE structures, equipment or conductors. This work will only be performed by SCE. Contact the appropriate SCE inspector to schedule an appointment. Customers may connect to an existing duct stub without a SCE inspector present.
- Per CPUC/SCE's Rule 15 B.1.A and Rule 16 D.1.A., the customer will provide all necessary excavations (with the exception of excavation under pads and primary splice boxes), material (including conduit and structures) and encasement, to be utilized in the intercept/tie-in process.
- The customer must adhere to all applicable Cal-OSHA, local, city, state and federal regulations, (including, but not limited to, all necessary shoring and traffic control in place to perform the intercept/tie-in work by SCE's underground civil contractors(s))
- Intercept/tie-in work must be coordinated with SCE's civil contractors through the Division Inspector/CCM to limit exposure of excavation(s). Customer is responsible for securing excavation(s).

D08: 12/10/07

PRELIMINARY
Not For Construction

CIRCUIT: SUNGLASSES 12KV A1
SUN CITY SUB

DISTRICT 77 - MENIFEE	PROJ. MGR. CONRIQUEZ, FRANK PHONE 951-219-3844		PLANNER CONRIQUEZ, FRANK PHONE 951-219-3844		
FOREMAN	TRUCK NO.	P/E	INVENTORY MAP NO. 553-1720-5	THOMAS GUIDE RV 868	GRID NO. E2
DESIGN NO. 506584_0.01					
CSD 140 Y___ N___	BY-PASS CODE	EXISTING CHANGE TO	TLM CHECKED 84.3 %LOAD	J.P.A. NO. N/A	ASSOCIATED DESIGN NO. N/A
PRODUCT/SAP NO. 721501-RELOCATE FACILITIES	PRODUCT/SAP NO. N/A		PRODUCT/SAP NO. N/A		

TYPE	APPROVED BY	DATE	CHECKED BY	DRAWN BY	PAX #

Southern California Edison Company

PROPOSED CONSTRUCTION (LOCATION)
URS CORPORATION
28021 NEWPORT ROAD
MENIFEE, CA 92584

SHEET 2 OF 2
JOB NO. 506584_0.01

ATTACHMENT "B2" TO ADDENDUM No.1

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

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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

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:

1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. 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.
3. SUPERELEVATIONS ARE SHOWN ON THE SUPERELEVATION DIAGRAMS.
4. APPLY TACK COAT ON TOP OF LEAN CONCRETE BASE BEFORE PLACING HOT MIX ASPHALT (TYPE A) LAYER.
5. ON-SITE RECYCLING OF BASE MATERIAL IS PROHIBITED.
6. 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
ADT (2035) = 295,000
DHV = 23,410
$ESAL_{40}$ = 66,572,600

D = 56%
T = 4%
V = 70 mph
TI_{40}= 14.5

DESIGN DESIGNATION: NEWPORT ROAD

ADT (2015) = 60,200
ADT (2035) = 61,900
DHV = 6,145
$ESAL_{20}$ = 4,830,800

D = 51%
T = 4%
V = 55 mph
TI_{20}= 11.0

PAVEMENT CLIMATE REGION

INLAND VALLEY

STRUCTURAL SECTIONS:

NEW:

[1] 1.15′ JPCP
0.10′ HMA (TYPE A)
0.40′ LCB

[2] 0.85′-1.15′ JPCP
0.10′ HMA (TYPE A)
0.40′ LCB

[3] 0.95′ JPCP
0.10′ HMA (TYPE A)
0.40′ LCB

[4] 0.20′ RHMA (GAP GRADED)
0.45′ HMA (TYPE C)
1.00′ CI 2 AB

[5] 0.20′ HMA (TYPE C)

[6] 0.25′ HMA (TYPE C)

[7] 0.10′ RHMA (GAP GRADED)

[8] 0.33′ ROCK BLANKET
0.50′ HMA (TYPE C)
1.00′ CI 2 AB

[9] 0.25′ HMA (TYPE A)
0.50′ CI 2 AB

EXISTING:

[A] 0.10′ HMA (OPEN GRADED)
0.55′ HMA (TYPE A)
1.30′ CI 2 AB

[B] 0.50′ HMA (TYPE A)
0.40′ CI 2 AB

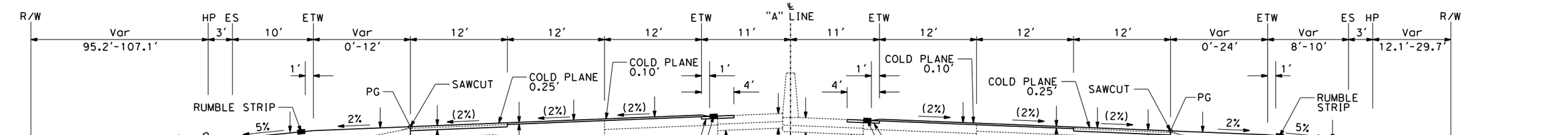
[C] 0.10′ HMA (OPEN GRADED)
0.60′-0.80′ HMA
0.50′ CTB

[D] 0.10′ HMA (OPEN GRADED)
0.40′ HMA
0.75′ CI A PMCTB
1.40′ CI 4 AS

[E] 0.60′ AC (TYPE B)
0.90′ CI 2 AB
1.45′ CI 4 AS

[F] 0.10′ HMA (OPEN GRADED)
0.50′ HMA
0.75′ CI B PMCTB
1.40′ CI 4 AS

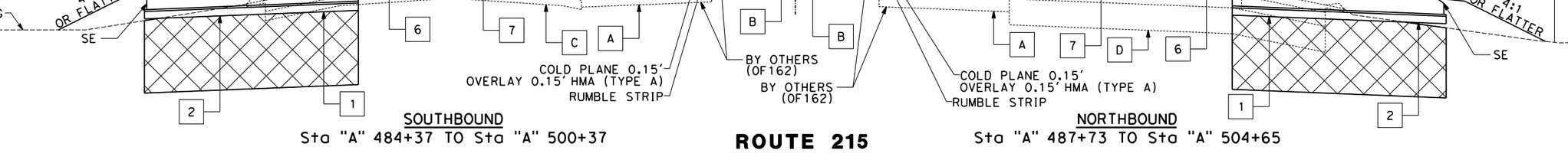
[G] 0.10′ HMA (OPEN GRADED)
0.70′-0.80′ HMA
0.50′ CTB



SOUTHBOUND
Sta "A" 484+37 TO Sta "A" 500+37

NORTHBOUND
Sta "A" 487+73 TO Sta "A" 504+65

ROUTE 215



SOUTHBOUND
Sta "A" 475+00 TO Sta "A" 484+37
Sta "A" 544+49.89 TO Sta "A" 560+00

NORTHBOUND
Sta "A" 475+00 TO Sta "A" 487+73
Sta "A" 552+64 TO Sta "A" 560+00

ROUTE 215

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

TYPICAL CROSS SECTIONS

NO SCALE

X-1

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

LAST REVISION DATE PLOTTED => 11/6/2014
00-00-00 TIME PLOTTED => 8:52:09 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: CATHERINE LAMPON
CHECKED BY: LESLEY WANG
REVISED BY
DATE REVISED

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301ca001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	3	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

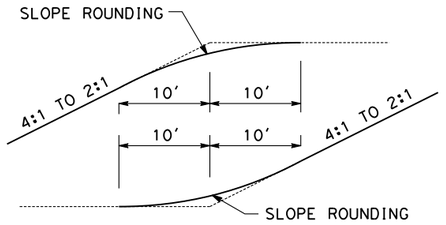
04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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

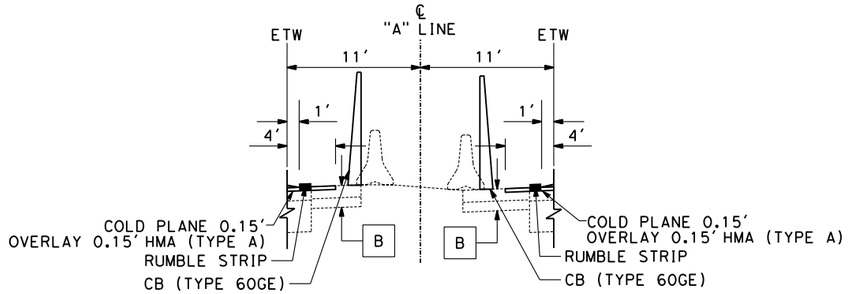
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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

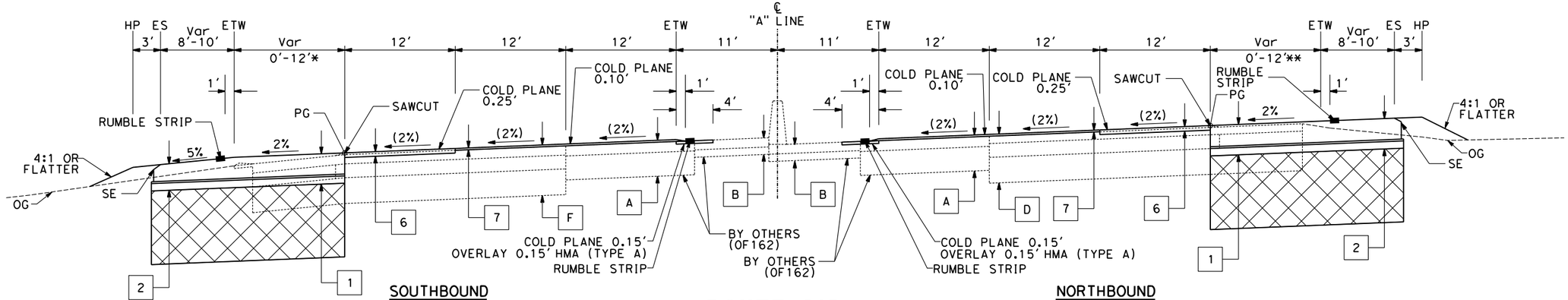


SLOPE ROUNDING DETAIL (TYPICAL)

APPLICABLE WHERE FEASIBLE WITHIN THE EXISTING R/W



Sta "A" 516+67.78 TO Sta "A" 520+05.46



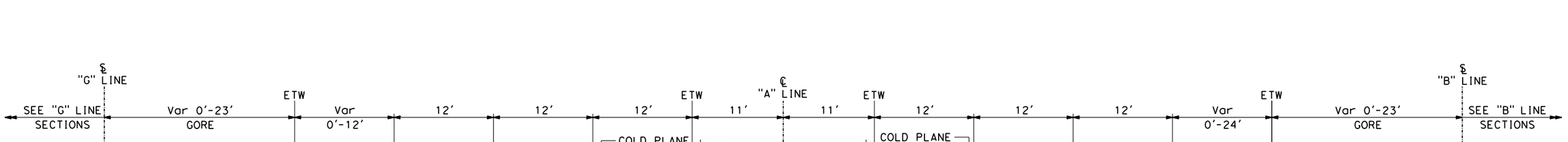
SOUTHBOUND

Sta "A" 506+04.68 TO Sta "A" 512+48
Sta "A" 518+17.88 TO Sta "A" 521+28.02(*=0')
Sta "A" 529+90 TO Sta "A" 534+84.99(*=0')

ROUTE 215

NORTHBOUND

Sta "A" 507+05.79 TO Sta "A" 508+07.41(**=0')
Sta "A" 515+85.61 TO Sta "A" 519+61.95(**=0')
Sta "A" 525+85 TO Sta "A" 530+39.86



SOUTHBOUND

Sta "A" 500+37 TO Sta "A" 506+04.68

ROUTE 215

NORTHBOUND

Sta "A" 504+65 TO Sta "A" 507+05.79

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

TYPICAL CROSS SECTIONS

NO SCALE

X-2

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 2 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 8:53:36 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN | CALCULATED-DESIGNED BY: CATHERINE LAMPON | CHECKED BY: LESLEY WANG | REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ca002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	4	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLEBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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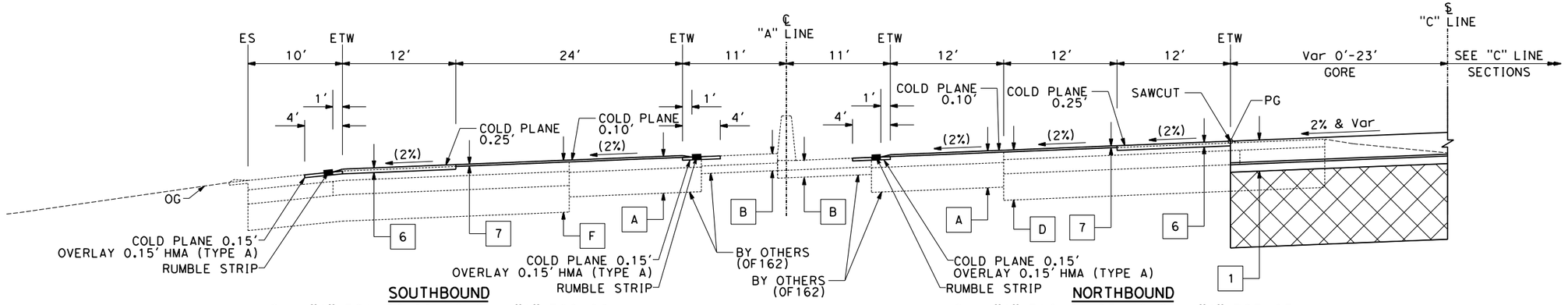
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

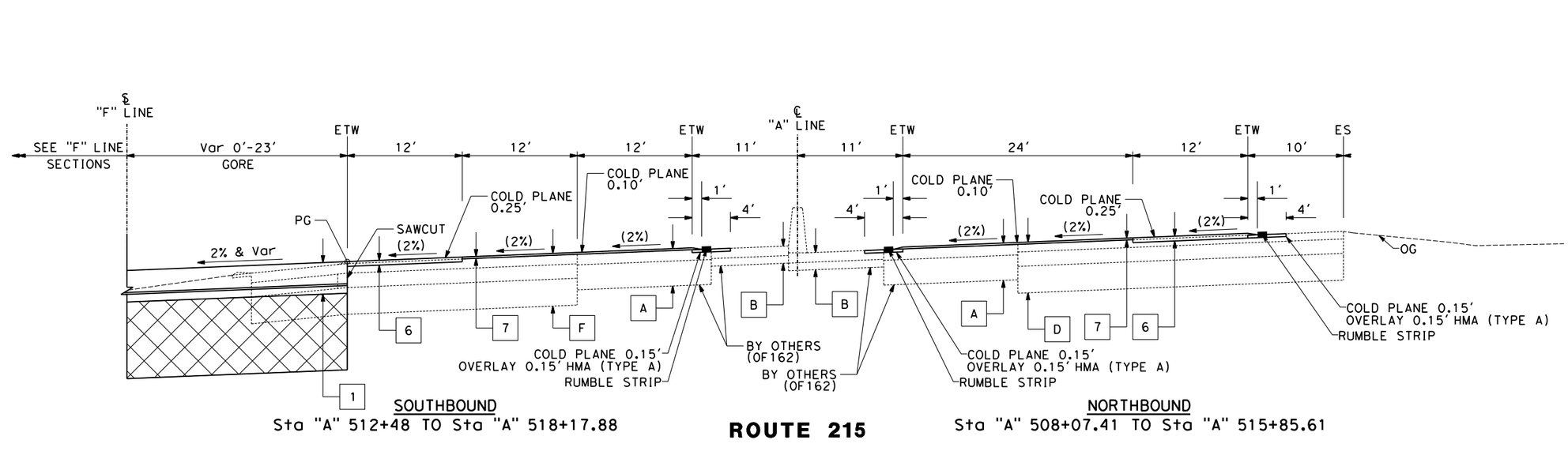
RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502



SOUTHBOUND
Sta "A" 521+28.02 TO Sta "A" 529+90
Sta "A" 538+96 TO Sta "A" 540+16.89

NORTHBOUND
Sta "A" 519+61.95 TO Sta "A" 525+85

ROUTE 215



SOUTHBOUND
Sta "A" 512+48 TO Sta "A" 518+17.88

NORTHBOUND
Sta "A" 508+07.41 TO Sta "A" 515+85.61

ROUTE 215

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

TYPICAL CROSS SECTIONS

NO SCALE

X-3

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 3 OF 115

DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:53:40 AM
LAST REVISION 00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: CATHERINE LAMPON
CHECKED BY: LESLEY WANG
REVISED BY
DATE REVISED

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301ca003.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	5	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLEBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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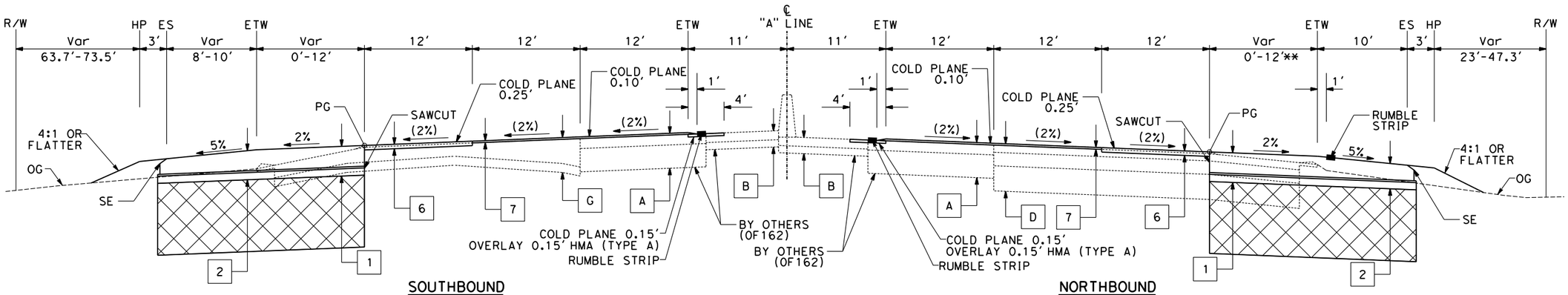
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

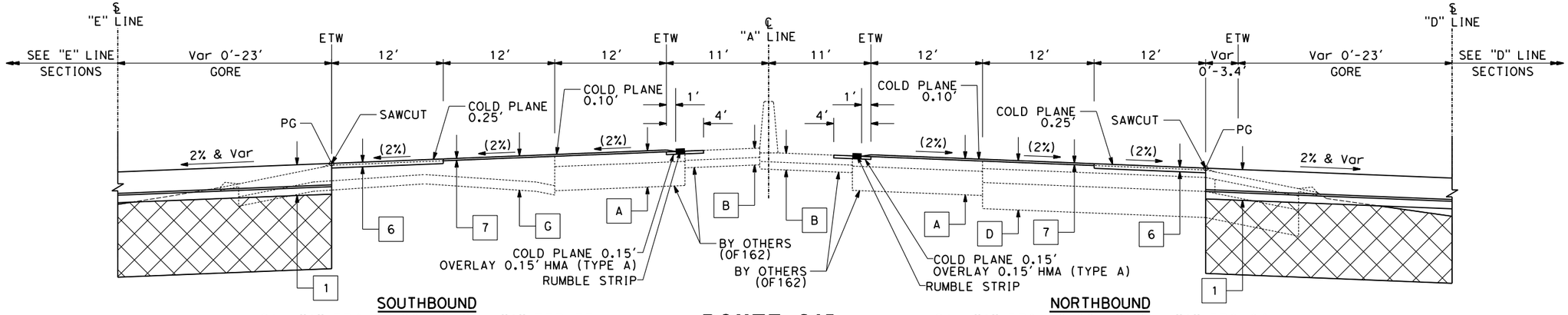
RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502



SOUTHBOUND
Sta "A" 537+55 TO Sta "A" 538+96

ROUTE 215

NORTHBOUND
Sta "A" 536+64 TO Sta "A" 539+47.45(**=12')
Sta "A" 543+80.45 TO Sta "A" 552+64



SOUTHBOUND
Sta "A" 534+84.99 TO Sta "A" 537+55

ROUTE 215

NORTHBOUND
Sta "A" 530+39.86 TO Sta "A" 536+64

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

TYPICAL CROSS SECTIONS

NO SCALE

X-4

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 4 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:53:44 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: CATHERINE LAMPON
CHECKED BY: LESLEY WANG
REVISED BY
DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301ca004.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

NOTES:

1. FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. PAVEMENT DIMENSIONS SHOWN ALONG NEWPORT ROAD ARE FROM CENTERLINE TO FLOWLINE.
3. FOR CURB AND PORTLAND CEMENT CONCRETE CURB TRANSITION LIMITS, SEE CONSTRUCTION DETAILS.
4. FOR MAINTENANCE VEHICLE PULLOUT, SEE CONSTRUCTION DETAILS.
5. FOR PAVEMENT LONGITUDINAL AND TRANSVERSE JOINT DETAILS, SEE Std PLANS.
6. FOR ADDITIONAL REMOVALS, SEE CONSTRUCTION DETAILS.
7. FOR ROCK BLANKET, SEE CONSTRUCTION DETAILS. ROCK FOR ROCK BLANKET MUST BE CLEAN, SMOOTH, MULTI-COLORED COBBLE TYPE, NATURALLY COLORED REDDISH BROWN IN OVERALL APPEARANCE, AND OBTAINED FROM A SINGLE SOURCE.
8. FOR RAMP TERMINI JOINT DETAIL AND CONCRETE PAVEMENT TRANSITION PANEL, SEE CONSTRUCTION DETAILS.

ABBREVIATIONS:

AFTS	ALTERNATIVE FLARED TERMINAL SYSTEM
ATS	ALTERNATIVE IN-LINE TERMINAL SYSTEM
C&G	CURB AND GUTTER
Veg Ctrl	VEGETATION CONTROL (MINOR CONCRETE)
Prop	PROPOSED

LEGEND:

ROCK BLANKET

STRUCTURAL SECTION [8] (SEE TYPICAL SECTIONS)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	18	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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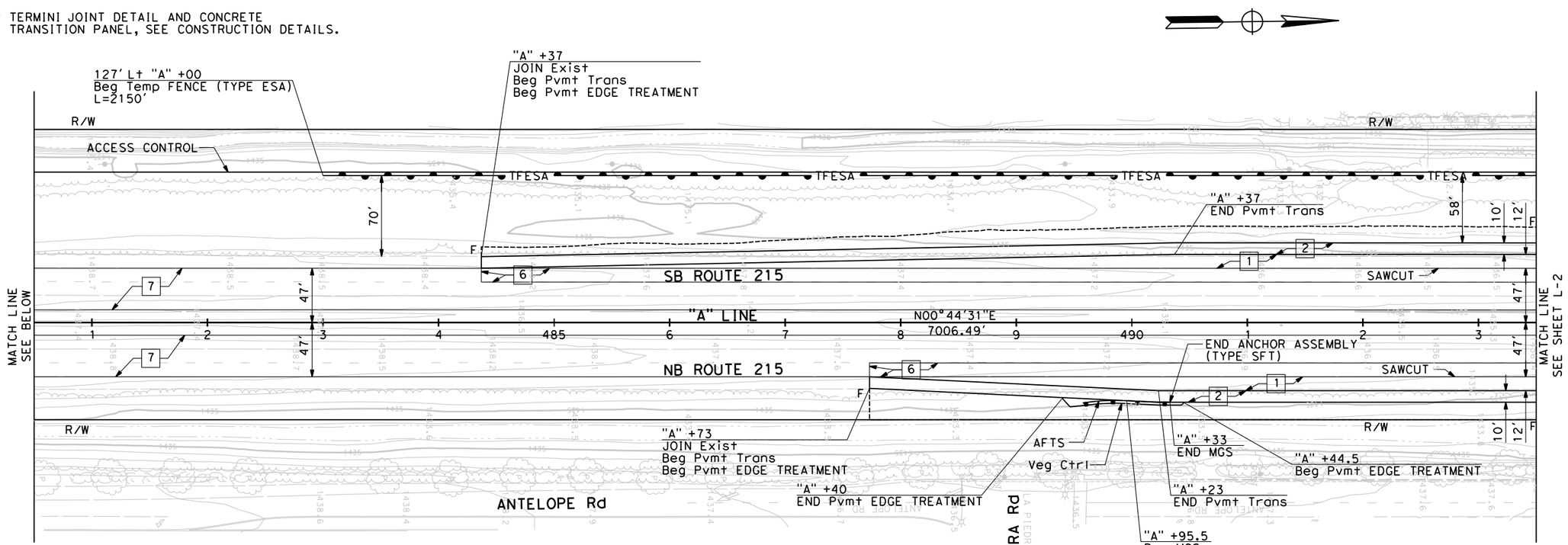
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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



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

LAYOUT

SCALE 1"= 50'

L-1

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 5 OF 115

LAST REVISION: 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:53:55 AM

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: CATHERINE LAMPON
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ea001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	21	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLEBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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

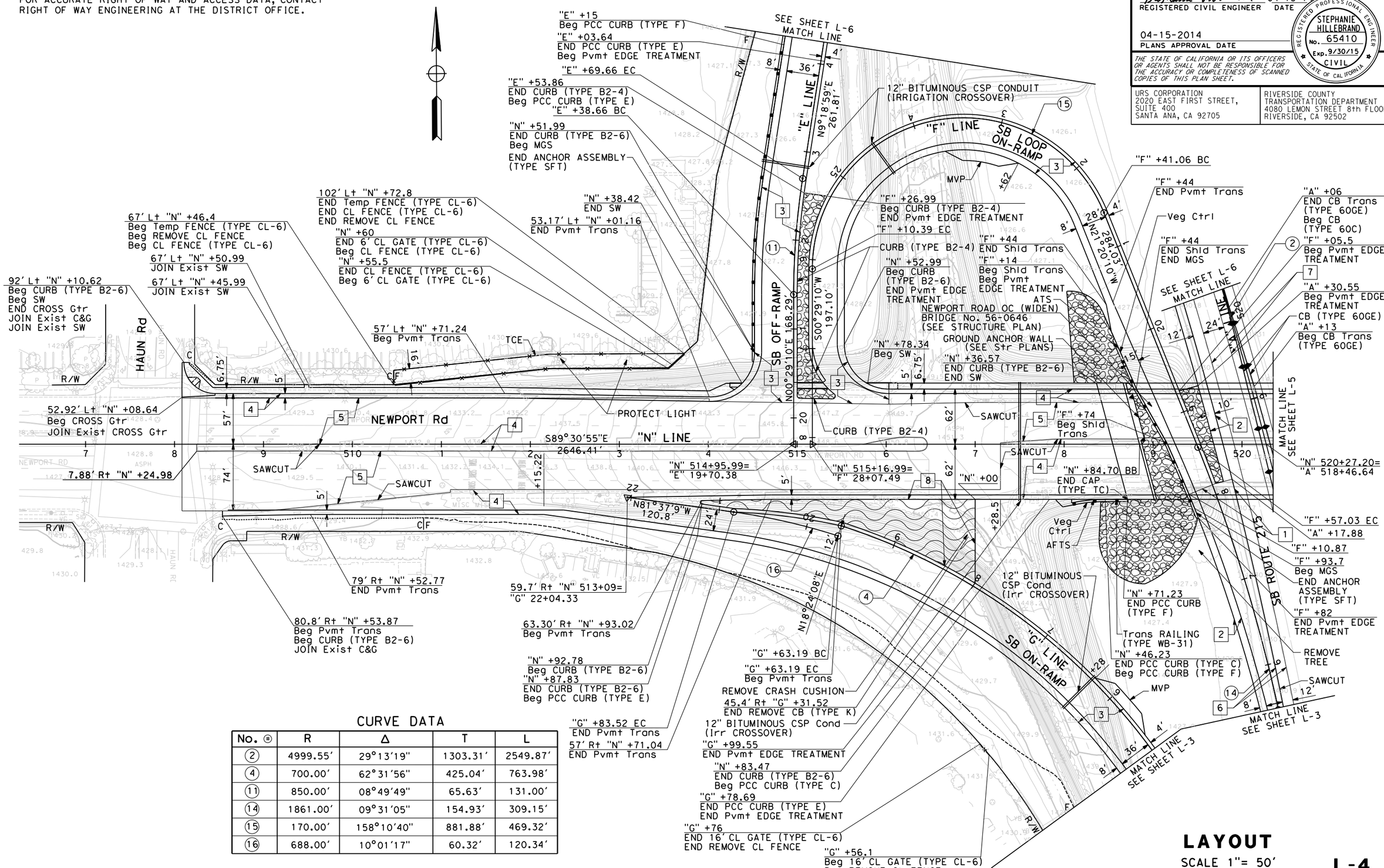
URS CORPORATION
2020 EAST FIRST STREET, SUITE 400
SANTA ANA, CA 92705

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

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

NOTE:

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



CURVE DATA

No. ⓐ	R	Δ	T	L
②	4999.55'	29°13'19"	1303.31'	2549.87'
④	700.00'	62°31'56"	425.04'	763.98'
⑪	850.00'	08°49'49"	65.63'	131.00'
⑭	1861.00'	09°31'05"	154.93'	309.15'
⑮	170.00'	158°10'40"	881.88'	469.32'
⑯	688.00'	10°01'17"	60.32'	120.34'

LAYOUT

SCALE 1"= 50'

L-4

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 6 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:53:59 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: CATHERINE LAMPON
REVISED BY
DATE REVISED

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301ea004.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	22	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

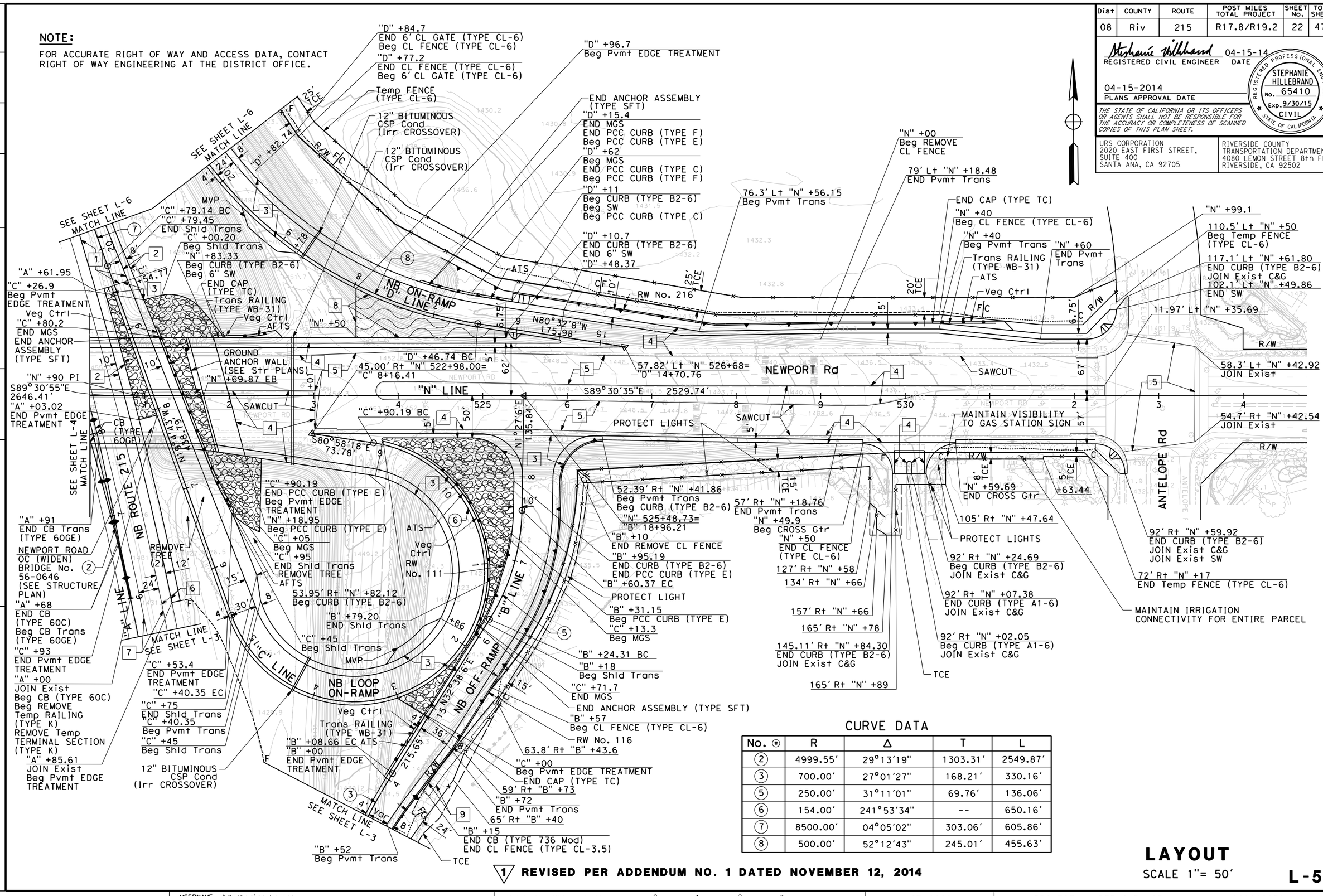
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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 AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



CURVE DATA

No. Ⓡ	R	Δ	T	L
②	4999.55'	29°13'19"	1303.31'	2549.87'
③	700.00'	27°01'27"	168.21'	330.16'
⑤	250.00'	31°11'01"	69.76'	136.06'
⑥	154.00'	241°53'34"	--	650.16'
⑦	8500.00'	04°05'02"	303.06'	605.86'
⑧	500.00'	52°12'43"	245.01'	455.63'

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

LAYOUT

SCALE 1"= 50'

L-5

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 7 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 8:54:04 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN | CALCULATED-DESIGNED BY: LESLEY WANG | CHECKED BY: CATHERINE LAMPON | REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ea005.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	23	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

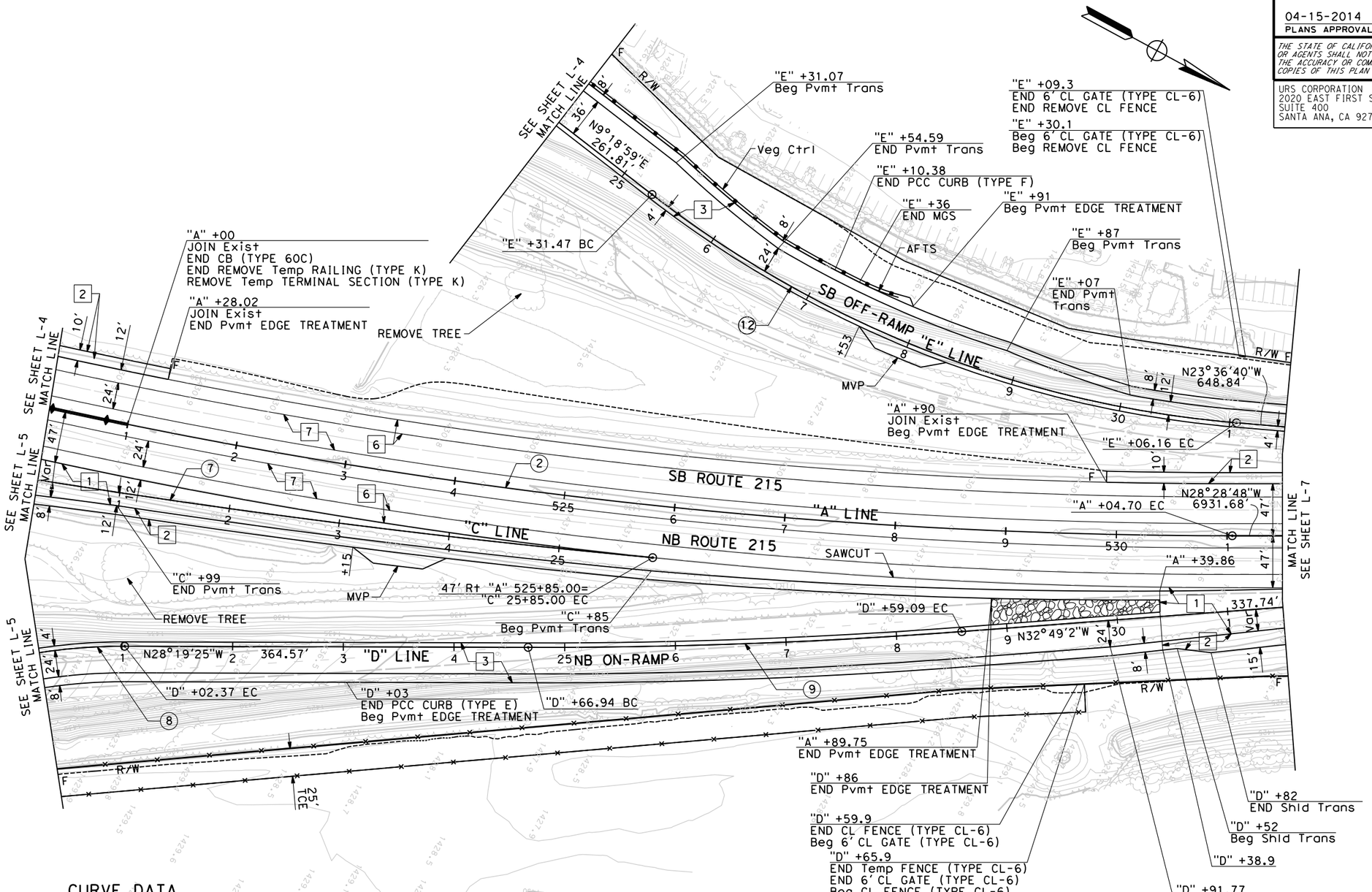
STEPHANIE HILLEBRAND No. 65410 Exp. 9/30/15 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

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



CURVE DATA

No. ⓝ	R	Δ	T	L
②	4999.55'	29°13'19"	1303.31'	2549.87'
⑦	8500.00'	04°05'02"	303.06'	605.86'
⑧	500.00'	52°12'43"	245.01'	455.63'
⑨	5000.00'	04°29'37"	196.18'	392.15'
⑫	1000.00'	32°55'39"	295.53'	574.69'

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

LAYOUT

SCALE 1"= 50'

L-6

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 8 OF 115

LAST REVISION DATE PLOTTED => 11/6/2014
00-00-00 TIME PLOTTED => 8:54:17 AM

CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: CATHERINE LAMPON
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301ea006.dgn

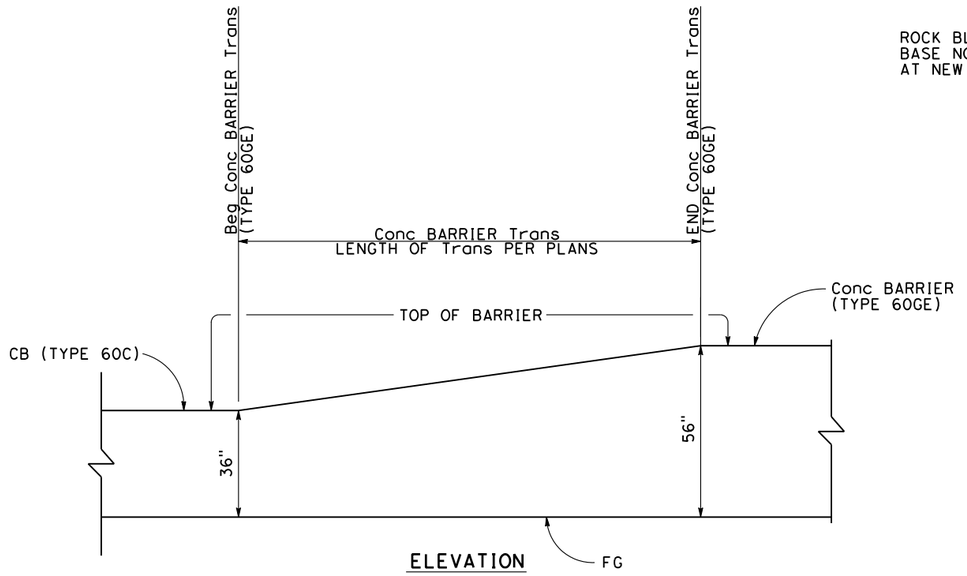
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

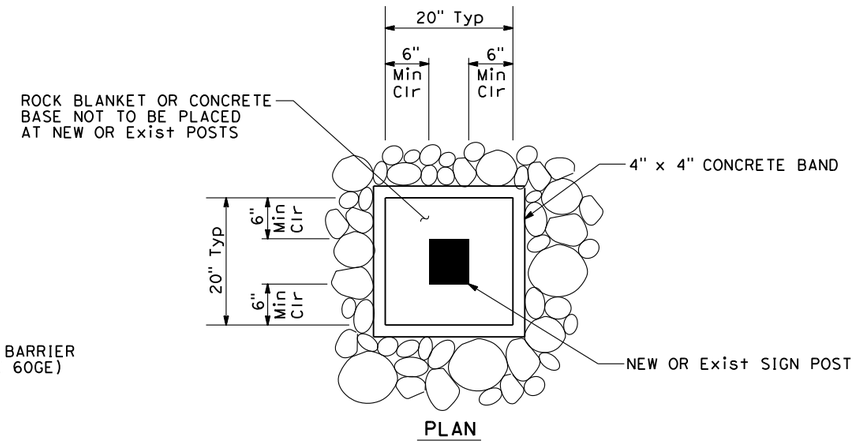
PROJECT NUMBER & PHASE 0800000301

NOTES:

1. FOR DETAILS NOT SHOWN, SEE STANDARD PLANS.
2. CB TRANSITION INCLUDED IN QUANTITIES FOR CB (TYPE 60GE).

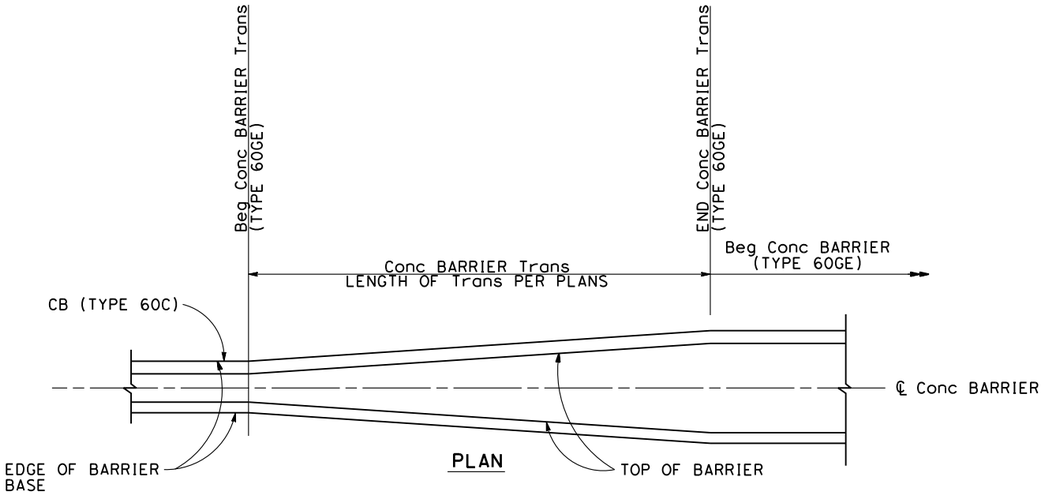


ELEVATION



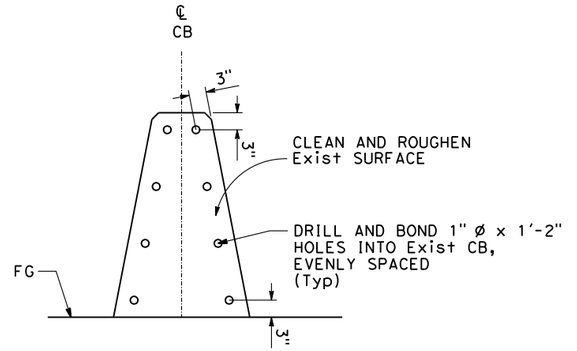
PLAN

ROCK BLANKET WITH POST

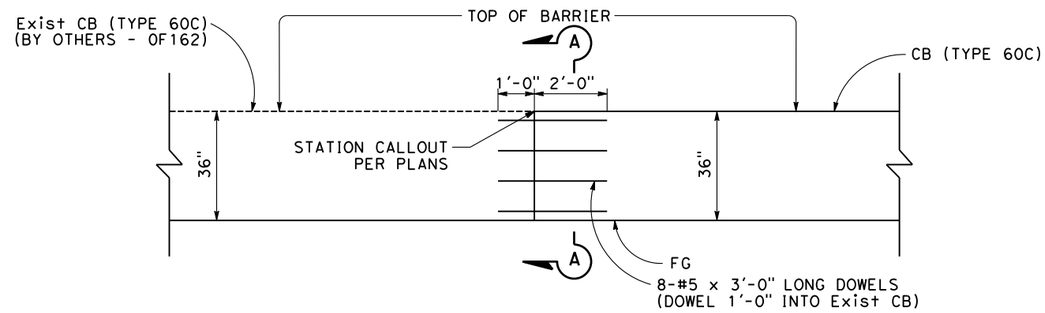


PLAN

CONCRETE BARRIER (TYPE 60C) TRANSITION TO CONCRETE BARRIER (TYPE 60GE)



SECTION A-A



ELEVATION

CONCRETE BARRIER (TYPE 60C) TO EXISTING CONCRETE BARRIER (TYPE 60C)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	64	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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

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

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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 9 OF 115

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: STEPHANIE HILLEBRAND
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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

CONSTRUCTION DETAILS

NO SCALE

C-21

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 9:05:27 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ga021.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	75	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLEBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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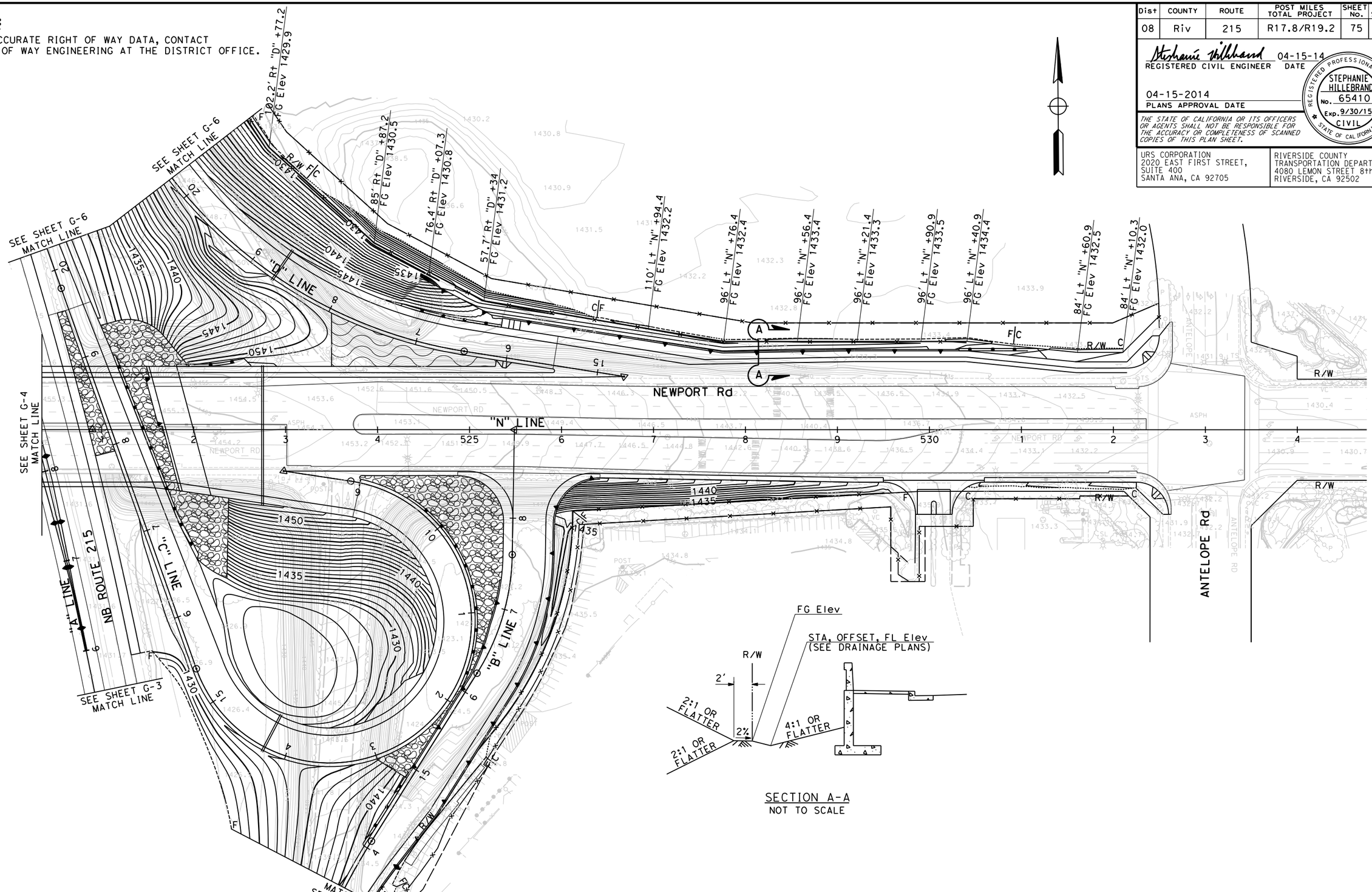
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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



SECTION A-A
NOT TO SCALE

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

THIS PLAN ACCURATE FOR CONTOUR GRADING WORK ONLY

GRADING PLAN

SCALE 1"= 50'

G-5

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 10 OF 115

CALCULATED-DESIGNED BY	LESLEY WANG
CHECKED BY	STEPHANIE HILLEBRAND
CONSULTANT FUNCTIONAL SUPERVISOR	JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

REVISED BY	DATE REVISED

LAST REVISION	00-00-00
DATE PLOTTED =>	11/6/2014
TIME PLOTTED =>	8:54:31 AM

BORDER LAST REVISED 7/2/2010

USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301ha005.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	76	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

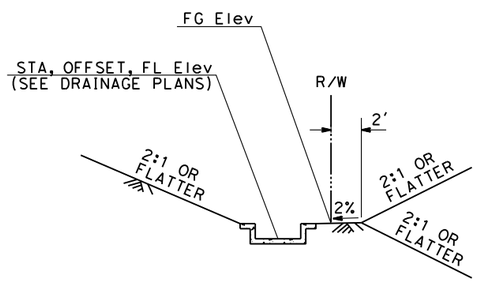
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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

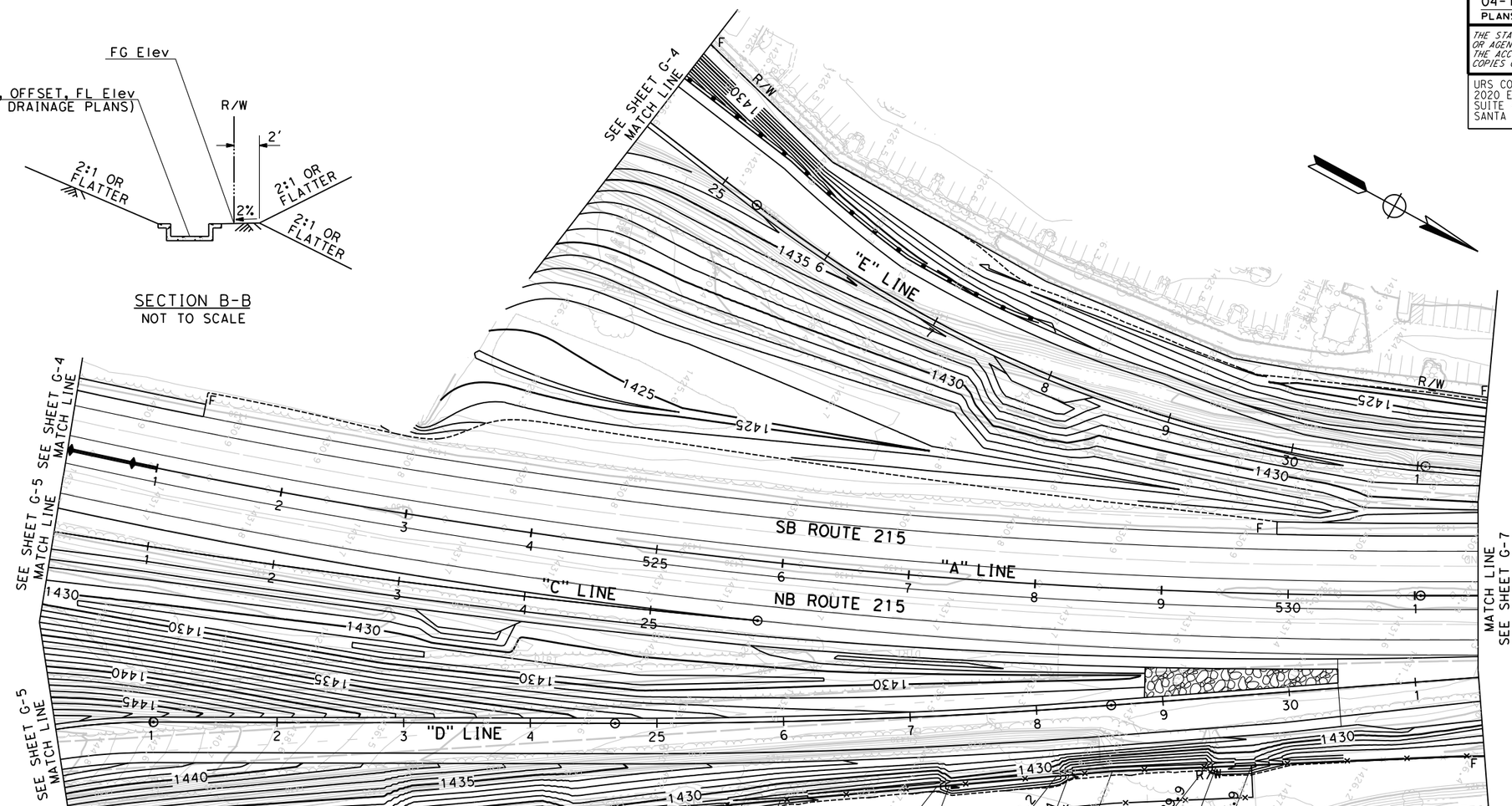
RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502

NOTE:

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



SECTION B-B
NOT TO SCALE



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

THIS PLAN ACCURATE FOR CONTOUR GRADING WORK ONLY

GRADING PLAN

SCALE 1"= 50'

G-6

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 11 OF 115

CALCULATED-DESIGNED BY	LESLEY WANG	REVISED BY	
CHECKED BY	STEPHANIE HILLEBRAND	DATE REVISED	

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:54:40 AM

BORDER LAST REVISED 7/2/2010

USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301ha006.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	83	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLEBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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

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.

CURVE DATA				
	R	Δ	T	L
(3)	600.00′	20°40′08"	109.41′	216.45′
(4)	200.00′	33°45′34"	60.69′	117.84′
(5)	90.00′	38°59′01"	31.86′	61.24′
(6)	200.00′	13°31′47"	23.72′	47.23′
(7)	45.00′	53°17′20"	22.58′	41.85′
(8)	90.00′	48°47′42"	40.48′	76.08′
(16)	90.00′	72°29′06"	65.97′	113.86′
(17)	90.00′	16°56′39"	13.41′	26.62′

52.94′ Rt "C" +23.41
Beg GRADED DITCH
FL Elev 1429.14

62.94′ Rt "D" 16+62.93
END GRADED DITCH
FL Elev 1430.32
Beg Conc CHANNEL

55.75′ Rt "D" 16+39.15
GRADED DITCH
FL Elev 1430.60

94.00′ Lt "N" +76.23
GRADED DITCH
FL Elev 1431.90

94.00′ Lt "N" +40.85
Beg GRADED DITCH
FL Elev 1433.90

38.00′ Rt "C" +16.74
Beg HMA OSD

111.12′ Rt "C" +28.93
END HMA OSD
FL Elev 1429.49

60.14′ Rt "B" 17+97.75
END GRADED DITCH
FL Elev 1433.18

58.44′ Rt "B" 17+87.00
GRADED DITCH
FL Elev 1434.45

50.48′ Rt "B" 16+97.00
FL Elev 1434.82

49.81′ Rt "B" 16+76.15
GRADED DITCH
FL Elev 1436.08

46.84′ Rt "B" 15+74.72
Beg GRADED DITCH
FL Elev 1436.75

77.38′ Rt "C" +70.79
END GRADED DITCH
FL Elev 1425.67

55.70′ Rt "C" +75.87
Beg GRADED DITCH
FL Elev 1426.00

83.85′ Lt "C" +25.51
END GRADED DITCH
FL Elev 1426.76

45.10′ Rt "B" 13+73.19
END GRADED DITCH
FL Elev 1435.21

SEE SHEET D-6 MATCH LINE
SEE SHEET D-4 MATCH LINE
SEE SHEET D-3 MATCH LINE
MATCH LINE SEE SHEET D-3

"D" LINE
"N" LINE
"C" LINE
"A" LINE
"B" LINE
NB ON-RAMP
NB OFF-RAMP
NB LOOP ON-RAMP
NB ROUTE 215
NEWPORT Rd
ANTELOPE Rd
Exist 18" CSP
Exist 48" RCP
Exist 24" CSP
Exist 18" RCP
Exist 24" RCP
Exist 42" RCP
Exist 12" RCP
Exist 36" RCP
Exist 33" RCP
Exist DI
Exist 18" AP

(a) Conc Chnl 40
(o) 8′X4′ RCB
(n) MH W/ Conc PAD
(m) REMOVE RSP
(l) REMOVE FES 3
(k) REMOVE 48" RCP
(j) Trans Str No. 1
(f) 24" RCP
(e) TYPE 300 DI W/GUTTER Dep
(d) 18" RCP
(c) G1 DI W/Dep
(b) 18" RCP
(a) G1 DI W/Dep
(j) RSP
(i) 24" AFES
(h) 24" AP
REMOVE RSP (a)
REMOVE FES (b) 27
(c) REMOVE 18" CSP 26
(f) 24" RCP
(e) GCP DI
(d) REMOVE DI
(g) TYPE 300 DI W/GUTTER Dep
(i) Trans Str No. 1
(h) REMOVE 48" RCP
(a) JS No. 1
(c) GCP DI W/ APRON
(b) 24" RCP 19
(a) JS No. 3
(k) GT3 DI W/Dep
(j) 18" AP
(i) G1 DI W/Dep
(h) 18" AP
(g) G1 DI W/Dep
(f) 18" AP
(e) G1 DI W/Dep
(d) 18" AP
(c) G2 DI 17
(b) 18" AP
(a) JS No. 3
(c) G1 DI W/APRON 15
(b) 18" AP
(a) JS No. 3
(a) OL-7 DI6 W/ GUTTER Dep 17A
(b) 18" AP
(c) RCJS
(b) 24" RCP 21
(a) 24" AFES
(d) REMOVE DI
(c) REMOVE 18" CSP
(b) REMOVE FES
(a) REMOVE RSP 20
(d) RSP
(c) 18" AFES 16
(b) RSP
MH (f)
REMOVE HW (g) 18
(e) REMOVE HW 3
(b) 18" RCP
(a) 18" AFES
(d) 24" RCP
Exist 24" CSP
(d) REMOVE DI
(c) REMOVE 18" CSP
(b) REMOVE FES
(a) REMOVE RSP 23
REMOVE 24" CSP (b)
REMOVE FES (a) 22
24" RCP (h)
G2 DI (g) 21
REMOVE RSP (d)
REMOVE FES (c) 22
(f) 24" RCP
(e) GCP DI
(d) REMOVE DI
(g) TYPE 300 DI W/GUTTER Dep
(h) REMOVE 48" RCP
(a) 38.00′ Rt "C" +16.74 Beg HMA OSD 3
(c) OL-7 DI6 W/ GUTTER Dep
(b) 18" AP
(a) JS No. 1
(c) GCP DI W/ APRON
(b) 24" RCP 19
(a) JS No. 3
(k) GT3 DI W/Dep
(j) 18" AP
(i) G1 DI W/Dep
(h) 18" AP
(g) G1 DI W/Dep
(f) 18" AP
(e) G1 DI W/Dep
(d) 18" AP
(c) G2 DI 17
(b) 18" AP
(a) JS No. 3
(c) G1 DI W/APRON 15
(b) 18" AP
(a) JS No. 3
(e) REMOVE HW 3
(b) 18" RCP
(a) 18" AFES
TYPE 300 DI W/Gutter Dep (a) 25
18" RCP W/ Conc Bkf (b)
REMOVE DI (c)
Conc COLLAR (d)
Conc COLLAR (a)
REMOVE DI (b) 24
REMOVE 33" RCP (f)
(e) REMOVE 24" RCP
(c) 24" RCP
Conc COLLAR (f)
33" AP (g)
TYPE 300 DI W/GUTTER Dep (d)

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

3 15 16 17 17A 18 19 20
21 22 23 24 25 26 27 40

DRAINAGE PLAN

SCALE 1"= 50′ D-5

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY

REVISED BY | DATE REVISED
LESLEY WANG | STEPHANIE HILLEBRAND
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 12 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 8:54:52 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ia005.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

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

NOTE:

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

CURVE DATA				
	R	Δ	T	L
(9)	500.00′	2°29′13"	10.85′	21.70′
(10)	500.00′	17°59′23"	79.15′	156.99′
(11)	1000.00′	25°48′17"	229.07′	450.38′

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	84	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLEBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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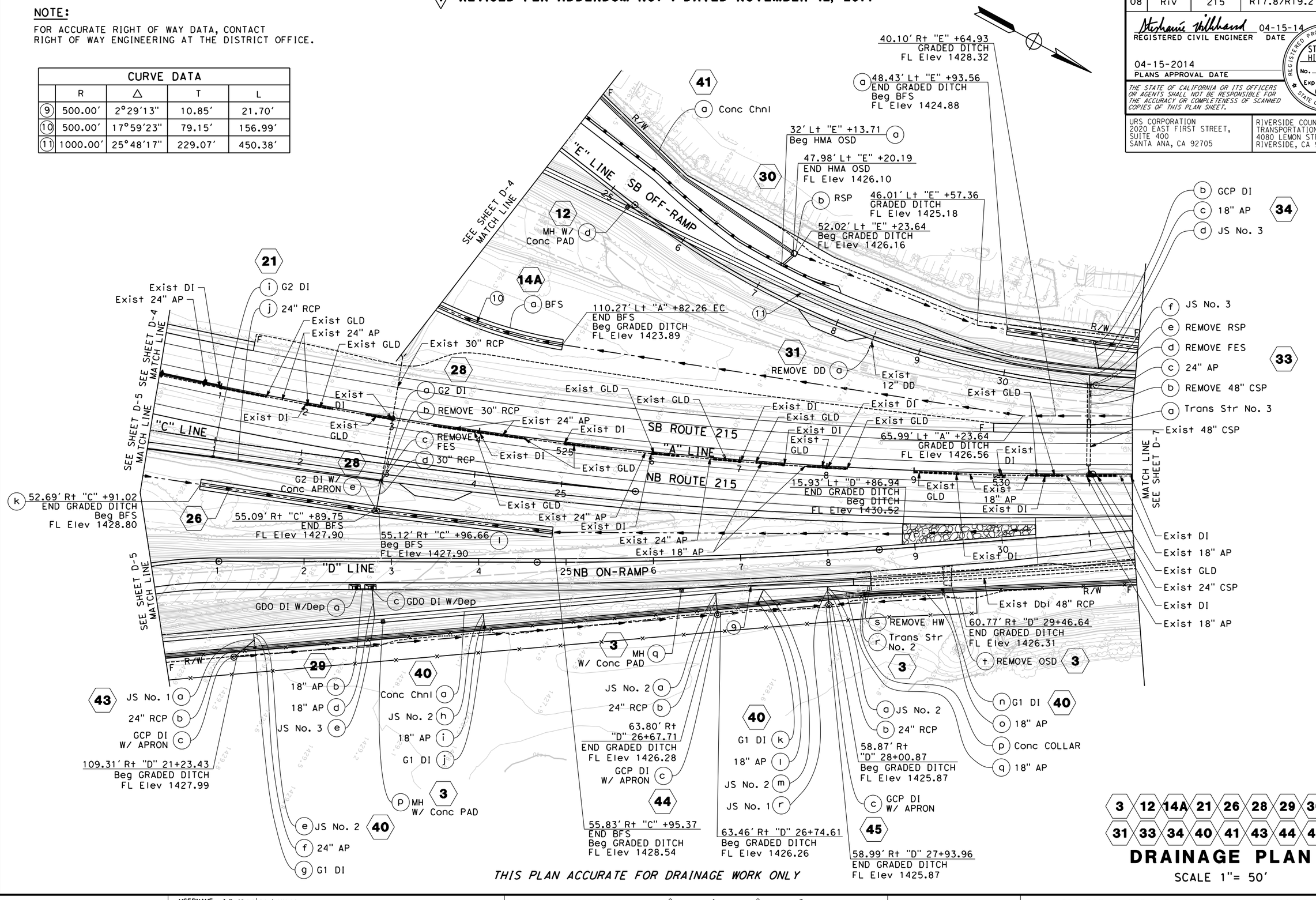
URS CORPORATION
2020 EAST FIRST STREET, SUITE 400
SANTA ANA, CA 92705

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



3 12 14A 21 26 28 29 30
31 33 34 40 41 43 44 45

DRAINAGE PLAN

SCALE 1"= 50′

D-6

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 13 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 8:54:57 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN | CALCULATED-DESIGNED BY: LESLEY WANG | CHECKED BY: STEPHANIE HILLEBRAND | REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ia006.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	85	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLEBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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

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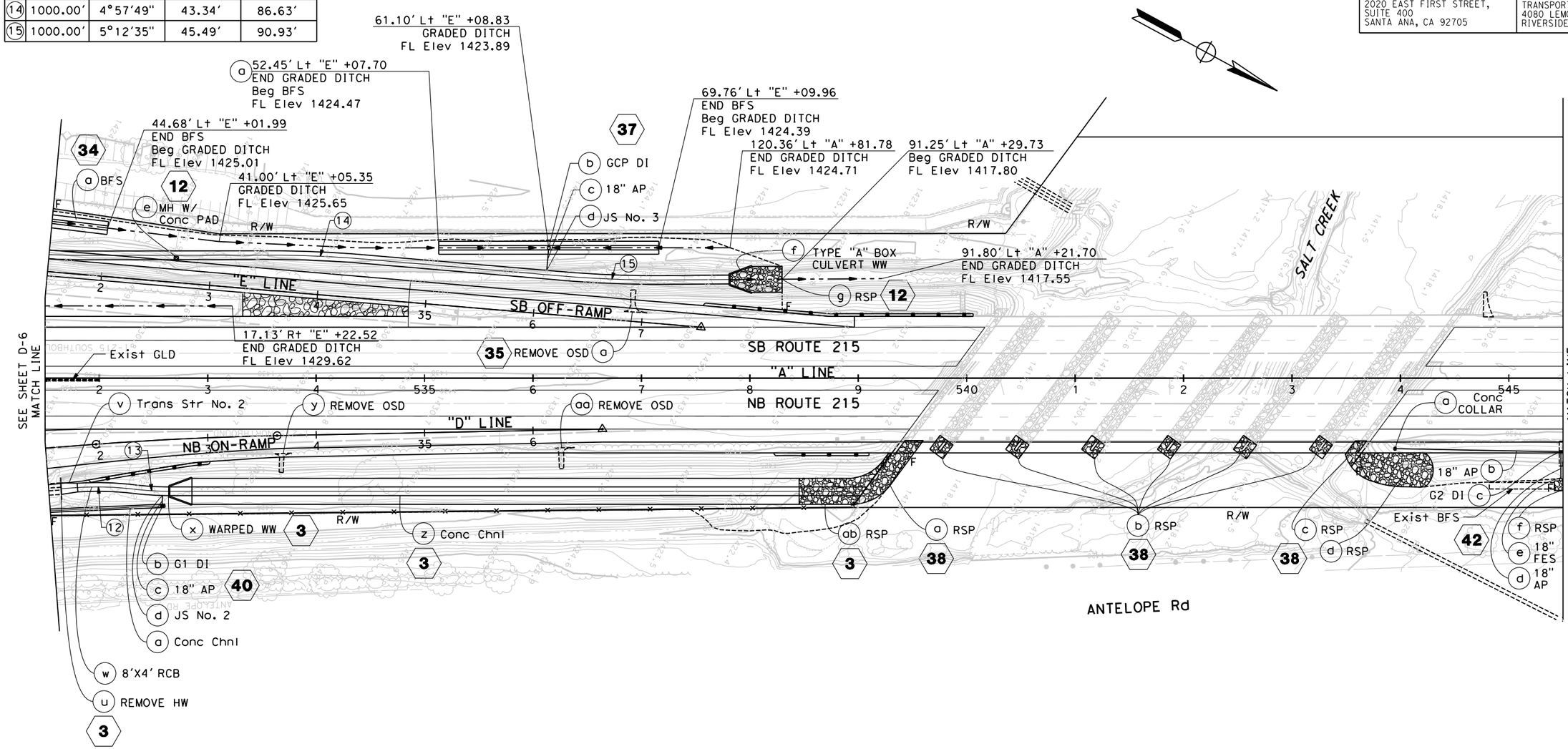
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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.

CURVE DATA				
	R	Δ	T	L
(12)	280.00′	10°35′55"	25.97′	51.79′
(13)	280.00′	6°51′08"	16.76′	33.49′
(14)	1000.00′	4°57′49"	43.34′	86.63′
(15)	1000.00′	5°12′35"	45.49′	90.93′



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

THIS PLAN ACCURATE FOR DRAINAGE WORK ONLY

3 12 34 35 37 38 40 42

DRAINAGE PLAN

SCALE 1"= 50′

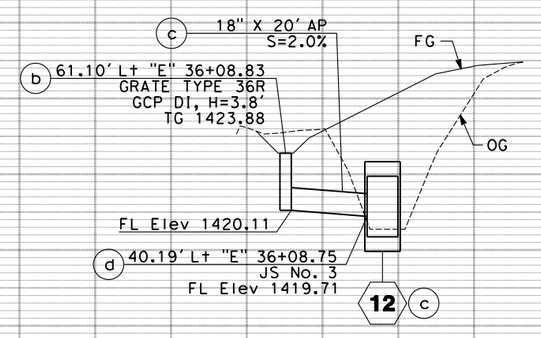
D-7

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 14 OF 115

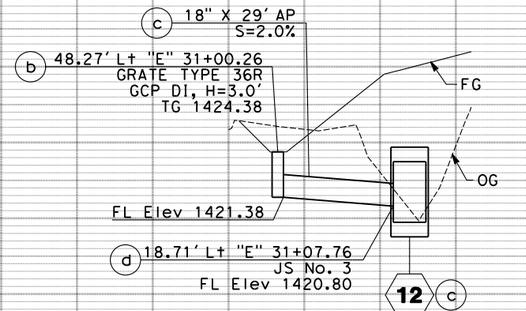
LAST REVISION 00-00-00 DATE PLOTTED => 11/6/2014 TIME PLOTTED => 8:55:10 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: STEPHANIE HILLEBRAND
REVISED BY
DATE REVISED

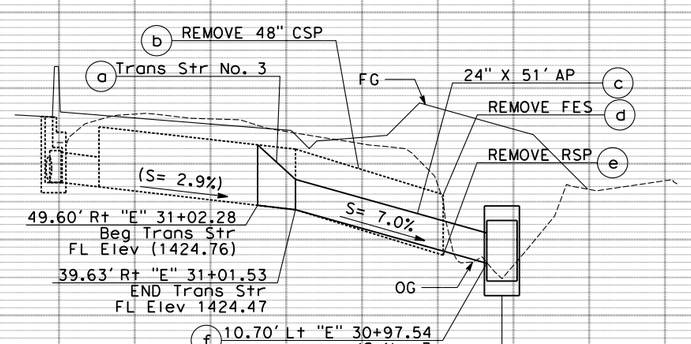
BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ia007.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301



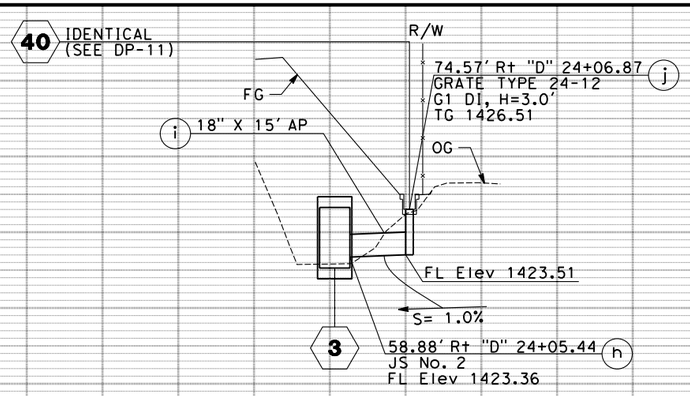
DRAINAGE SYSTEM 37



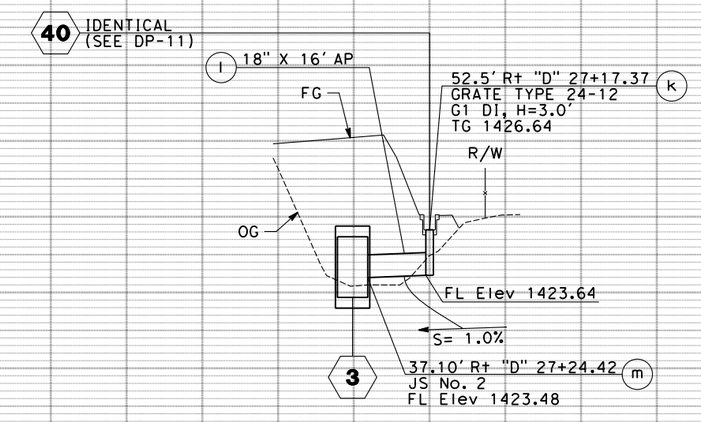
DRAINAGE SYSTEM 34



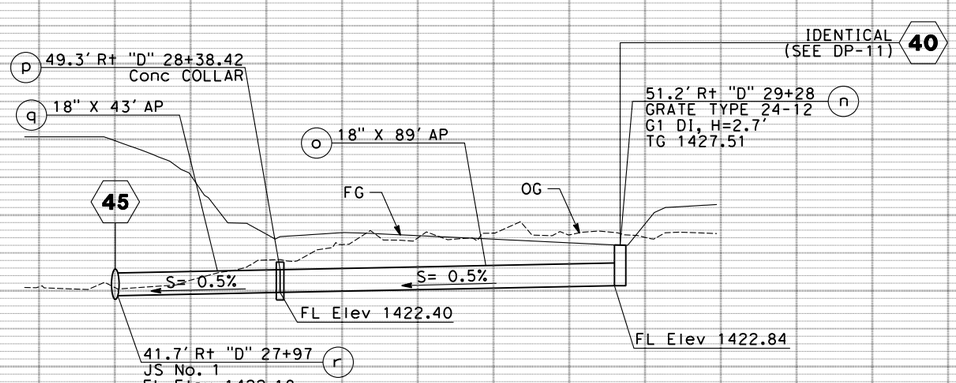
DRAINAGE SYSTEM 33



DRAINAGE SYSTEM 40



DRAINAGE SYSTEM 40



DRAINAGE SYSTEM 40

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

33 34 37 40

DRAINAGE PROFILES

SCALE: Horiz 1"= 20'
Vert 1"= 5'

DP-10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	96	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLBRAND
No. 65410
Exp. 9/30/15
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

REVISED BY | DATE REVISED
LESLEY WANG | STEPHANIE HILLBRAND
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 15 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 8:55:26 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ib010.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

NOTE:

OFFSETS AND TOP OF GRADE ELEVATIONS ARE AT THE FLOW LINE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	97	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLBRAND — No. 65410 — Exp. 9/30/15 — 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

f 24" X 16' AP — R/W — 43 — 98.41' Rt "D" 21+43.94 — g IDENTICAL g
GRATE TYPE 24-12
G1 DI, H=3.5'
TG 1428.31
FG
OG
FL Elev 1424.81
S=1.0%
82.72' Rt "D" 21+42.52 e
JS No. 2
FL Elev 1424.66
3

a Conc Chnl — OG

S= 1.23% — 62.94' Rt "D" 16+62.93 FL Elev 1430.32
S= 0.45% — 73.31' Rt "D" 17+09.97 FL Elev 1429.80
81.57' Rt "D" 17+87.96 ANGLE POINT FL Elev 1429.50
S= 0.39%
98.71' Rt "D" 19+77.38 ANGLE POINT FL Elev 1428.90
S= 0.51%
103.06' Rt "D" 20+26.49 FL Elev 1428.70
S= 0.41%
103.04' Rt "D" 20+88.25 FL Elev 1428.50
S= 0.36%
98.23' Rt "D" 21+45.93 FL Elev 1428.30
S= 1.21%
MATCH LINE SEE BELOW LEFT

40 SEE SHEET DP-10 — j — a Conc Chnl — 40 SEE SHEET DP-10 — k

SEE ABOVE RIGHT MATCH LINE
S= 14.55% — 83.60' Rt "D" 23+07.27 FL Elev 1426.80
S= 0.39%
74.39' Rt "D" 24+08.86 FL Elev 1426.40
S= 11.48%
71.95' Rt "D" 24+35.75 FL Elev 1429.50
S= 1.20%
60.93' Rt "D" 25+67.29 FL Elev 1427.90
S= 2.67%
OG
58.91' Rt "D" 25+96.87 FL Elev 1427.10
OG
S= 0.48%
52.44' Rt "D" 27+19.34 FL Elev 1426.50
S= 25%
52.05' Rt "D" 27+29.23 FL Elev 1429.00
S= 0.59%
MATCH LINE SEE BELOW LEFT
85.59' Rt "D" 22+85.36 FL Elev 1430.00

40 SEE SHEET DP-10 — n — a Conc Chnl — b IDENTICAL b

SEE ABOVE RIGHT MATCH LINE
OG
S= 25%
S= 0.60%
48.81' Rt "D" 28+56.00 FL Elev 1425.80
S= 0.40%
S= 30%
S= 0.67%
S= 9.25%
52.94' Rt "D" 29+97.98 FL Elev 1425.32
S= 0.10%
52.46' Rt "D" 29+67.99 FL Elev 1428.10
49.33' Rt "D" 28+23.24 FL Elev 1426.00
51.22' Rt "D" 29+30.01 FL Elev 1425.50
49.53' Rt "D" 28+13.34 FL Elev 1428.50
51.48' Rt "D" 29+38.00 FL Elev 1427.90
60.73' Rt "D" 32+54.42
GRATE TYPE 24-12
G1 DI, H=3.0'
TG 1425.08
FL Elev 1422.75
18" X 9' AP — c — FG — a — OG
S= 0.10%
3
d 51.21' Rt "D" 32+55.24
JS No. 2
A=90°, B=18", C=6'
Elev R=1422.67
Elev S=1422.66
x
40

DRAINAGE SYSTEM 40

DRAINAGE PROFILES

SCALE: Horiz 1"= 20'
Vert 1"= 5'

DP-11

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

REVISED BY | DATE REVISED
LESLEY WANG | STEPHANIE HILLBRAND
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 16 OF 115

LAST REVISION | DATE PLOTTED => 11/6/2014
00-00-00 | TIME PLOTTED => 8:55:30 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ib011.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	98	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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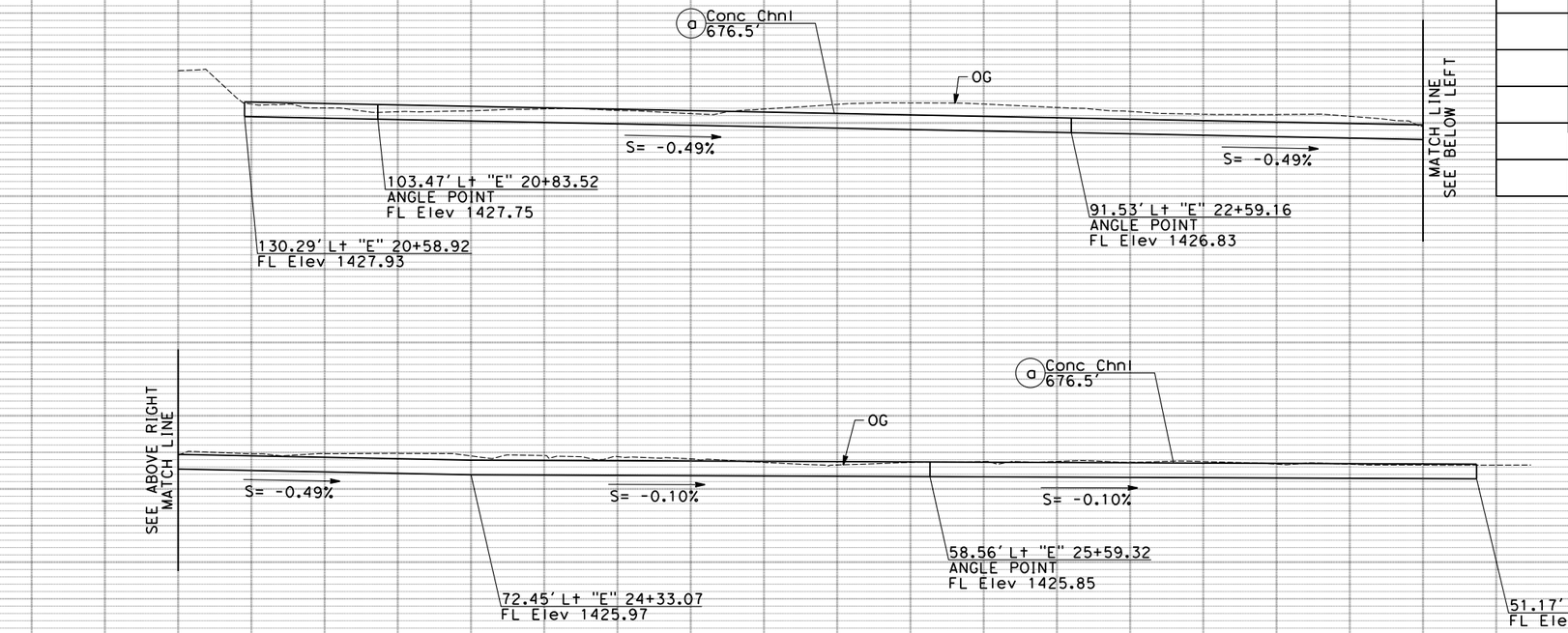
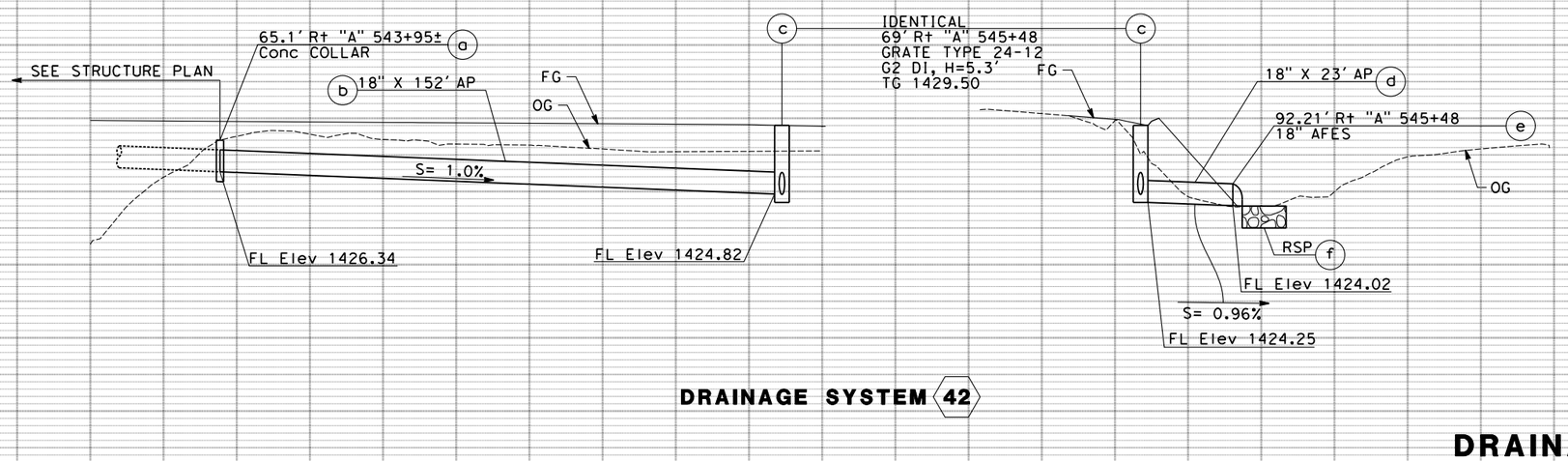
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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



DRAINAGE SYSTEM 41



DRAINAGE SYSTEM 42

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

41 42

DRAINAGE PROFILES

SCALE: Horiz 1"= 20'
Vert 1"= 5'

DP-12

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 17 OF 115

LAST REVISION 00-00-00 DATE PLOTTED => 11/6/2014 TIME PLOTTED => 8:55:33 AM

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY LESLEY WANG
CHECKED BY STEPHANIE HILLEBRAND
CONSULTANT FUNCTIONAL SUPERVISOR JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ib012.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	99	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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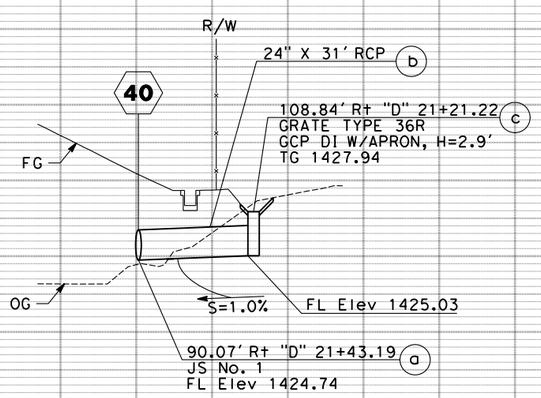
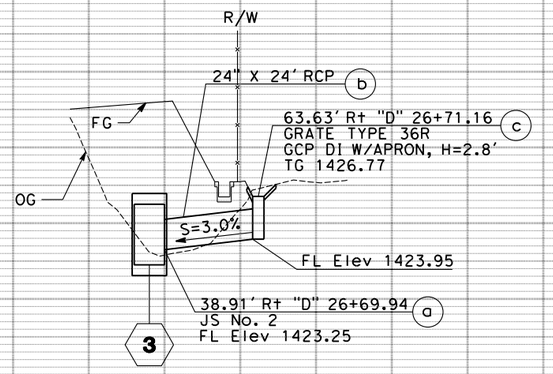
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

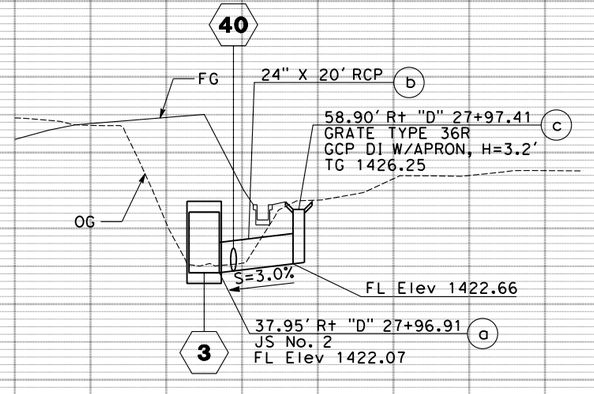
RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502



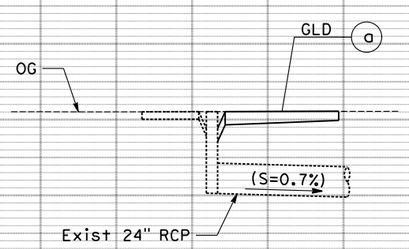
DRAINAGE SYSTEM 43



DRAINAGE SYSTEM 44



DRAINAGE SYSTEM 45



DRAINAGE SYSTEM 46

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

43 44 45 46

DRAINAGE PROFILES

SCALE: Horiz 1"= 20'
Vert 1"= 5'

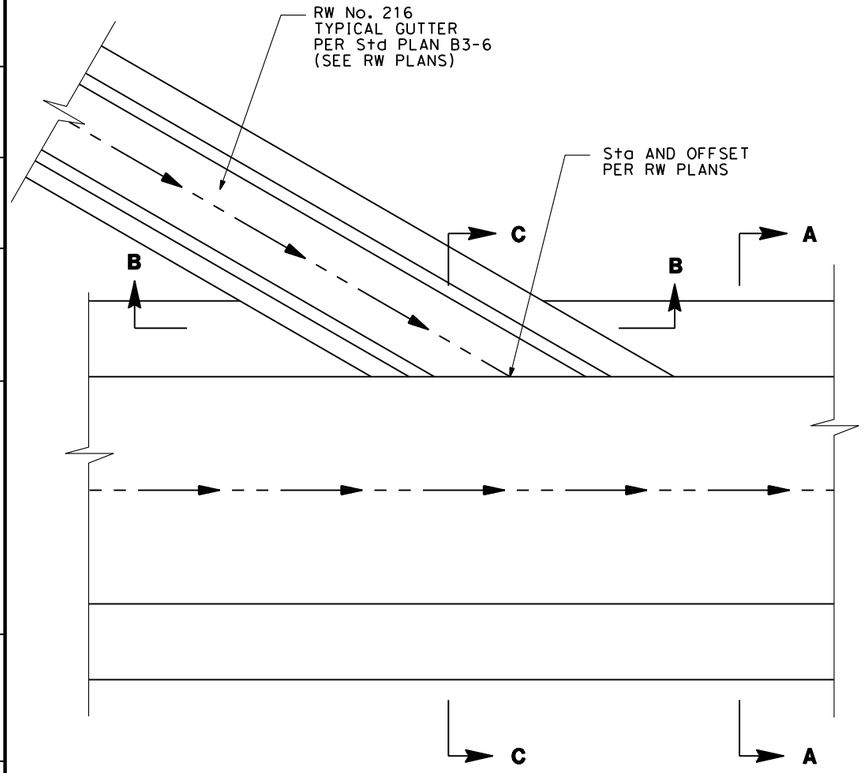
DP-13

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 18 OF 115

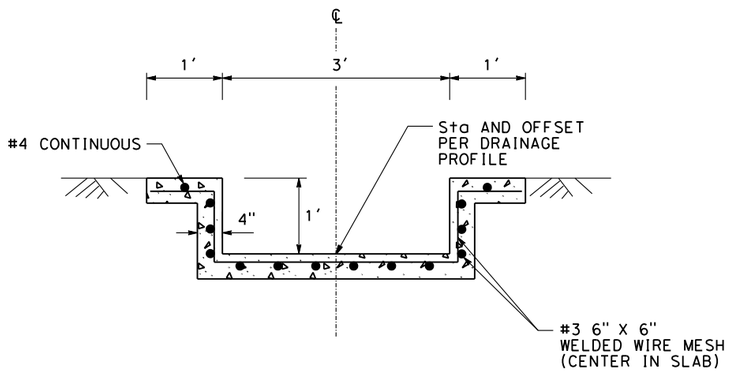
LAST REVISION 00-00-00 DATE PLOTTED => 11/6/2014 TIME PLOTTED => 8:55:38 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY
CHECKED BY
LESLEY WANG
STEPHANIE HILLEBRAND
REVISED BY
DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ib013.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301



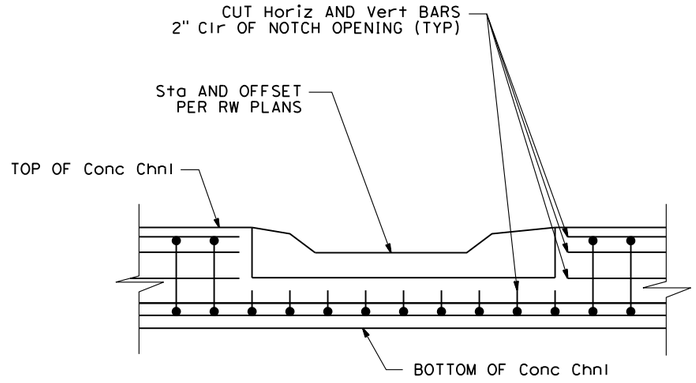
PLAN



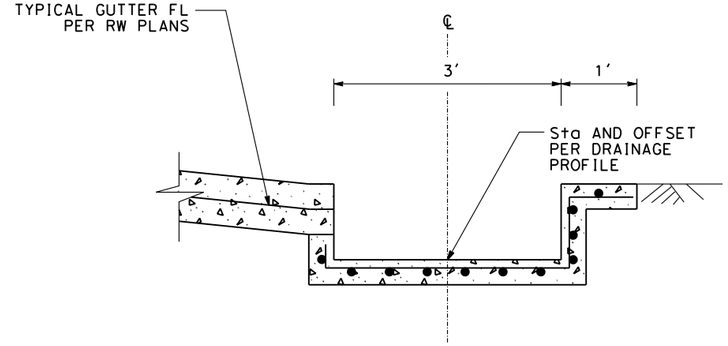
SECTION A-A

40 41

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



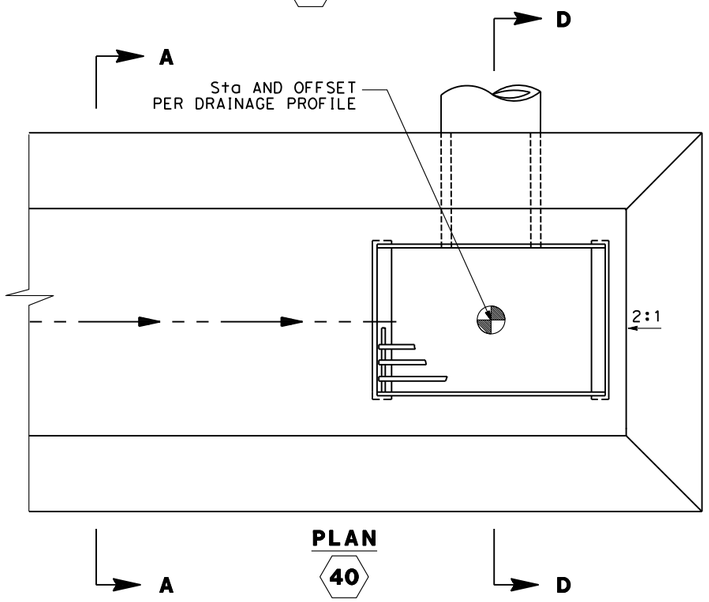
SECTION B-B



SECTION C-C

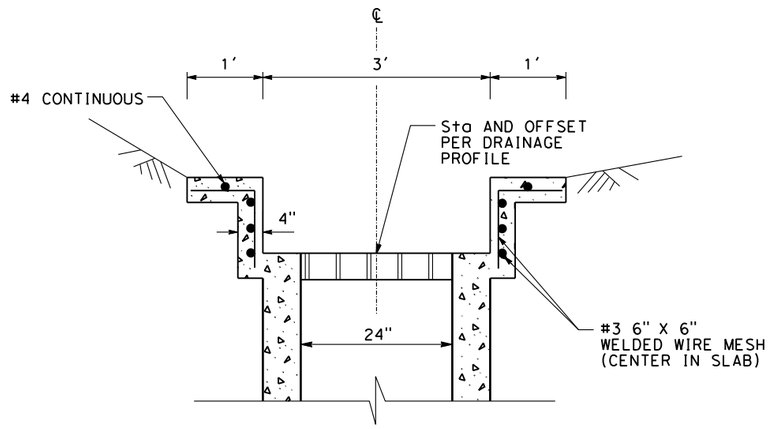
CHANNEL NOTCH DETAIL

40



PLAN

40



SECTION D-D

40

CONCRETE CHANNEL

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	119	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLBRAND
No. 65410
Exp. 9/30/15
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

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: STEPHANIE HILLEBRAND

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS

NO SCALE

DD-20

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 19 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 8:55:41 AM

BORDER LAST REVISED 7/2/2010

USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301ic020.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

NOTES:

1. (N)= NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.
2. SEE SUMMARY OF QUANTITIES FOR HOT MIXED ASPHALT OVERSIDE DRAIN AND HOT MIXED ASPHALT DIKE QUANTITIES.
3. SEE SUMMARY OF QUANTITIES FOR BIOFILTRATION SWALE AND DITCH EXCAVATION.
4. LOCATIONS OF THE EXISTING DRAINAGE FACILITIES ARE APPROXIMATE AND SHOULD BE VERIFIED.

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

ALTERNATIVE PIPE ALLOWABLE PIPE MATERIAL

DESIGNATION	RCP	CSP		PLASTIC
	SIZE	SIZE	THICKNESS	SIZE
18" AP	18"	18"	0.064'	18"
24" AP	24"	24"	0.064'	24"

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	121	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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

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

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

DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	REMOVAL/ABANDON: REMOVE INLET (EA)	REMOVE CAP MANHOLE (EA)	REMOVE CULVERT (LF)	ABANDON CULVERT (LF)	REMOVE CONCRETE (CY)	REMOVE ROCK SLOPE PROTECTION (CY)	REMOVE DOWNDRAIN (EA)	REMOVE OVERSIDE DRAIN (EA)	REMOVE FLARED END SECTION (EA)	BAR REINFORCING STEEL (BOX CULVERT) (LB)	GRATED LINE DRAIN (LF)	MINOR CONCRETE (MINOR STRUCTURE) (CY)	MINOR CONCRETE (GUTTER DEPRESSION) (CY)	CONCRETE (CONCRETE APRON) (CY)	CONCRETE (CHANNEL LINING) (CY)	(N) BIOFILTRATION SWALE (LF)	(N) CONCRETE COLLAR (EA)	18" ALTERNATIVE PIPE CULVERT (LF)	24" ALTERNATIVE PIPE CULVERT (LF)	33" ALTERNATIVE PIPE CULVERT (LF)	18" REINFORCED CONCRETE PIPE (LF)	24" REINFORCED CONCRETE PIPE (LF)	30" REINFORCED CONCRETE PIPE (LF)	36" REINFORCED CONCRETE PIPE (LF)	(N) PIPE JOINT CLASSIFICATION	CONCRETE BACKFILL (CY)	18" ALTERNATIVE FLARED END SECTION (EA)	24" ALTERNATIVE FLARED END SECTION (EA)	FRAMES, GRATES & COVERS: PLATE (N) (EA)	24-12 (N) (EA)	36R (N) (EA)	36" PRECAST CONCRETE PIPE INLET (LF)	36" PRECAST CONCRETE PIPE MANHOLE (LF)	MISCELLANEOUS IRON AND STEEL (LB)	STRUCTURAL CONCRETE, BOX CULVERT (CY)	ROCK SLOPE PROTECTION: No. 2, METHOD B (CY)	LIGHT, METHOD B (CY)	1/4 TON, METHOD B (CY)	FABRIC (CLASS 8) (SY)	(N) "H" OR "V"	(N) MAXIMUM COVER (LF)	DESCRIPTION	STATION	DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT
D-3	1	a												0.2																												PIPE BULKHEAD		D-3	1	a
		b							1																																REMOVE DD	45.46' Lt "G" 9+13.02			b
D-3	2	a																																			1.4			7.8			RSP	49.84' Rt "B" 10+62.21	D-3	2	a
		b																																							HMA OSD	32.00' Rt "B" 10+62.21			b
D-3	3	a								1																																REMOVE FES	57.52' Rt "B" 11+06.02	D-3	3	a
		b										1976																											19.5				TYPE "B" BOX Culv WW	57.09' Rt "B" 11+05.27			b
		c		351.5																																				11.0	REMOVE 48" RCP				c
		d										95650																											458.7				20.4	8'x4' RCB				d
D-5	3	e				3.0																																				REMOVE HW	5.98' Lt "B" 14+66.74	D-5	3	e
		f																																			3.3	440				3.3	MANHOLE	41.76' Rt "C" 11+97.91			f
		g				7.5																																				REMOVE HW	80.44 Lt "B" 17+94.82			g
		h		40.5																																				21.1	REMOVE 48" RCP				h
		i										3320																											16.8					Trans Str No. 1	18.67' Lt "C" 9+79.93			i
		j										3320																											16.8					Trans Str No. 1	18.34' Lt "D" 16+97.56			j
		k		35.3																																						23.8	REMOVE 48" RCP				k
		l								1																																		REMOVE FES	13.41' Lt "D" 17+11.30			l
		m					36.0																																				REMOVE RSP	13.41' Lt "D" 17+11.30			m
		n												0.2																									19.3	440			19.3		MANHOLE W/ Conc PAD	34.43' Lt "D" 17+41.23			n
		o										151579																											721.8				23.8	8'x4' RCB				o
D-6	3	p												0.2																									4.3	440			4.3		MANHOLE W/ Conc PAD	67.79' Rt "D" 22+90.57	D-6	3	p
		q												0.2																									6.8	440			6.8		MANHOLE W/ Conc PAD	34.50' Rt "D" 26+31.25			q
		r										2700																											12.7						TRANS Str No. 2	34.61' Rt "D" 28+26.98			r
		s				22.0																																						REMOVE HW	35.15' Rt "D" 28+46.84			s
		t								1																																		REMOVE OSD	24.98' Rt "D" 29+34.84			t
D-7	3	u				24.0																																							REMOVE HW	38.38' Rt "D" 31+61.57	D-7	3	u
		v										2039																											9.6						Trans Str No. 2	38.38' Rt "D" 31+61.57			v
		w										11516																											54.3				3.3	8'x4' RCB				w
		x										1133																											11.0						WARPED WW	47.67' Rt "D" 32+62.30			x
		y								1																																		REMOVE OSD	16.61' Rt "D" 33+69.33			y
		z															192.8																												Conc Chnl				z
		aa								1																																				REMOVE OSD	16.42' Rt "D" 36+28.85			aa
SHEET TOTAL				427.3		56.5	36	1	3	2	273232		0.8			192.8																					33.7	1760	1321.2	1.4			7.8							

DRAINAGE QUANTITIES

NO SCALE

DQ-1

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 20 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:55:45 AM

CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: STEPHANIE HILLEBRAND
REVISED BY / DATE REVISED
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 7/2/2010

USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301id001.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 08000000301

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	123	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLEBRAND — No. 65410 — Exp. 9/30/15 — 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

	DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	REMOVAL/ABANDON: REMOVE INLET	REMOVAL/ABANDON: CAP MANHOLE	REMOVAL/ABANDON: REMOVE CULVERT	REMOVAL/ABANDON: ABANDON CULVERT	REMOVAL/ABANDON: REMOVE CONCRETE	REMOVAL/ABANDON: REMOVE ROCK SLOPE PROTECTION	REMOVAL/ABANDON: REMOVE DOWNDRAIN	REMOVAL/ABANDON: REMOVE OVERSIDE DRAIN	REMOVAL/ABANDON: REMOVE FLARED END SECTION	BAR REINFORCING STEEL (BOX CULVERT)	GRATED LINE DRAIN	MINOR CONCRETE (MINOR STRUCTURE)	MINOR CONCRETE (GUTTER DEPRESSION)	CONCRETE (CONCRETE APRON)	CONCRETE (CHANNEL LINING)	(N) BIOFILTRATION SWALE	(N) CONCRETE COLLAR	18" ALTERNATIVE PIPE CULVERT	24" ALTERNATIVE PIPE CULVERT	33" ALTERNATIVE PIPE CULVERT	18" REINFORCED CONCRETE PIPE	24" REINFORCED CONCRETE PIPE	30" REINFORCED CONCRETE PIPE	36" REINFORCED CONCRETE PIPE	(N) PIPE JOINT CLASSIFICATION	CONCRETE BACKFILL	18" ALTERNATIVE FLARED END SECTION	24" ALTERNATIVE FLARED END SECTION	FRAMES, GRATES & COVERS: PLATE (N)	FRAMES, GRATES & COVERS: 24-12 (N)	FRAMES, GRATES & COVERS: 36R (N)	36" PRECAST CONCRETE PIPE INLET	36" PRECAST CONCRETE PIPE MANHOLE	MISCELLANEOUS IRON AND STEEL	STRUCTURAL CONCRETE, BOX CULVERT	ROCK SLOPE PROTECTION: No. 2, METHOD B	ROCK SLOPE PROTECTION: LIGHT, METHOD B	ROCK SLOPE PROTECTION: 1/4 TON, METHOD B	ROCK SLOPE PROTECTION: FABRIC (CLASS 8)	(N) "H" OR "V"	(N) MAXIMUM COVER	DESCRIPTION	STATION	DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT
				EA	EA	LF	LF	CY	CY	EA	EA	EA	LB	LF	CY	CY	CY	CY	LF	EA	LF	LF	LF	LF	LF	LF	LF		CY	EA	EA	EA	EA	EA	LF	LF	LB	CY	CY	CY	CY	SY	LF	LF					
D-4	9	c																		1																													
		d																			18							S																2.9	18" AP				d
		e																											1															18" AFES	159.58' Lt "N" 516+62.61			e
		f																																						10.0		27.3			RSP	161.52' Lt "N" 516+63.73			f
D-4	10	a														1.5																														JS No. 2	79.47' Lt "F" 26+30.92	D-4	10	a
		b																			92							S																7.0	18" AP				b
		c																															1	2.4		236							2.4		GCP DI	170.00' Lt "F" 21+41.06			c
D-4	11	a	1																																										REMOVE DI	51.11' Lt "N" 517+12.55	D-4	11	a
		b			77.8																																							3.8	REMOVE 18" CSP				b
		c										1																																	REMOVE FES	117.20' Lt "N" 517+53.53			c
		d						6.0																																			REMOVE RSP	117.20' Lt "N" 517+53.53			d
D-4	12	a					24.0																																						REMOVE WW	33.96' Lt "F" 25+15.92	D-4	12	a
		b											12198																										73.5						Trans Str No. 4				b
		c											209570																										1005.8					13.6	8'x4' RCB				c
D-6	12	d														0.2																													11.1		MANHOLE W/ Conc PAD	7.46' Rt "E" 25+26.39	D-6	12	d
D-7	12	e														0.2																													6.5		MANHOLE W/ Conc PAD	22.51' Lt "E" 32+67.32	D-7	12	e
		f											2560																										33.6						TYPE "A" BOX Culv WW	90.97' Lt "A" 537+81.73			f
		g																																							92.0		165.6			RSP	90.97' Lt "A" 537+81.73			g
D-4	13	a														2.1	1.3																													4.0		GT3 DI W/Dep	4.00' Rt "E" 23+00.00	D-4	13	a
		b																			98							S																2.6	18" AP				b
		c												39.4																																GRATED LINE DRAIN				c
		d														2.2																											6.3		G2 DI	4.00' Rt "E" 24+02.17			d
		e																			29							S																7.7	18" AP				e
		f														0.4																															JS No. 3	31.28' Rt "E" 24+08.00			f
D-4	14	a														3.0																															TYPE "L" HW	45.40' Rt "F" 22+94.44	D-4	14	a
		b										1																																	REMOVE FES	33.23' Rt "F" 23+49.45			b
SHEET TOTAL			1		77.8		24.0	6			2	224328	39.4	9.6	1.3						237																1			2.4	17.6	2094	1112.9		102.0		192.9					

DRAINAGE QUANTITIES

NO SCALE **DQ-3**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 21 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:55:49 AM

CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: STEPHANIE HILLEBRAND
REVISED BY
DATE REVISED
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

BORDER LAST REVISED 7/2/2010

USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301id003.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 08000000301

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	128	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLEBRAND — No. 65410 — Exp. 9/30/15 — 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

DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	REMOVAL/ABANDON: REMOVE INLET (EA)	REMOVE CAP MANHOLE (EA)	REMOVE CULVERT (LF)	ABANDON CULVERT (LF)	REMOVE CONCRETE (CY)	REMOVE ROCK SLOPE PROTECTION (CY)	REMOVE DOWNDRAIN (EA)	REMOVE OVERSIDE DRAIN (EA)	REMOVE FLARED END SECTION (EA)	BAR REINFORCING STEEL (BOX CULVERT) (LB)	GRATED LINE DRAIN (LF)	MINOR CONCRETE (MINOR STRUCTURE) (CY)	MINOR CONCRETE (GUTTER DEPRESSION) (CY)	CONCRETE (CONCRETE APRON) (CY)	CONCRETE (CHANNEL LINING) (CY)	(N) BIOFILTRATION SWALE (LF)	(N) CONCRETE COLLAR (EA)	18" ALTERNATIVE PIPE CULVERT (LF)	24" ALTERNATIVE PIPE CULVERT (LF)	33" ALTERNATIVE PIPE CULVERT (LF)	18" REINFORCED CONCRETE PIPE (LF)	24" REINFORCED CONCRETE PIPE (LF)	30" REINFORCED CONCRETE PIPE (LF)	36" REINFORCED CONCRETE PIPE (LF)	(N) PIPE JOINT CLASSIFICATION	CONCRETE BACKFILL (CY)	18" ALTERNATIVE FLARED END SECTION (EA)	24" ALTERNATIVE FLARED END SECTION (EA)	FRAMES, GRATES & COVERS: PLATE (N) (EA)	24-12 (N) (EA)	36R (N) (EA)	36" PRECAST CONCRETE PIPE INLET (LF)	36" PRECAST CONCRETE PIPE MANHOLE (LF)	MISCELLANEOUS IRON AND STEEL (LB)	STRUCTURAL CONCRETE, BOX CULVERT (CY)	ROCK SLOPE PROTECTION: No. 2, METHOD B (CY)	LIGHT, METHOD B (CY)	1/4 TON, METHOD B (CY)	FABRIC (CLASS 8) (SY)	(N) "H" OR "V"	(N) MAXIMUM COVER (LF)	DESCRIPTION	STATION	DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT
D-7	35	a								1																																	REMOVE OSD	8.76′ Lt "E" 36+93.79	D-7	35	a
D-3	36	a												0.7																													JS No. 3	28.93′ Rt "B" 12+91.62	D-3	36	a
		b																		14					S																4.4	24" AP				b
		c														2.7														1	5.2		236					5.2		GCP DI W/ APRON	43.59′ Rt "B" 12+96.71			c
D-7	37	a																200																								BFS	52.45′ Lt "E" 35+07.70	D-7	37	a
		b																												1	3.8		236					3.8		GCP DI	61.10′ Lt "E" 36+08.83			b
		c																		20																				5.6	18" AP				c
		d												0.3																												JS No. 3	40.19′ Lt "E" 36+08.75			d
D-7	38	a																																				136.9		361.4	328.5			RSP	64.07′ Rt "A" 539+41.09	D-7	38	a
		b																																				438.5		229.8			RSP				b
		c																																			44.6		117.8	107.1			RSP	64.04′ Rt "A" 543+61.62			c
		d																																			151.2		226.8			RSP				d
D-8	39	a								1																																	REMOVE OSD	69.00′ Rt "A" 545+52.09	D-8	39	a
D-5	40	a															130.1																										Conc Chnl		D-5	40	a
D-7	40	b												1.0																1			326					3.0		G1 DI	60.73′ Rt "D" 32+54.42	D-7	40	b
		c																		9																				2.7	18" AP				c
		d												0.5																												JS No. 2	51.21′ Rt "D" 32+55.24			d
D-6	40	e												0.5																												JS No. 2	82.72′ Rt "D" 21+42.52	D-6	40	e
		f																			16																				5.5	24" AP				f
		g												1.1																1			326					3.5		G1 DI	98.41′ Rt "D" 21+43.94			g
		h												0.5																												JS No. 2	58.88′ Rt "D" 24+05.44			h
		i																		15																				6.5	18" AP				i
		j												1.0																1			326					3.0		G1 DI	74.57′ Rt "D" 24+06.87			j
		k												1.0																1			326					3.0		G1 DI	52.52′ Rt "D" 27+17.37			k
		l																		16																				7.8	18" AP				l
		m												0.5																												JS No. 2	37.10′ Rt "D" 27+24.42			m
SHEET TOTAL										2				7.0		2.7	130.1			60	30									9.0		1776		181.5	589.7	479.2	892.2							

DRAINAGE QUANTITIES

NO SCALE **DQ-8**

CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: STEPHANIE HILLEBRAND
REVISED BY
DATE REVISED

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 22 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:56:03 AM

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301id008.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 08000000301

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	129	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLEBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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

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

DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT	REMOVAL/ABANDON: REMOVE INLET (EA)	REMOVAL/ABANDON: CAP MANHOLE (EA)	REMOVAL/ABANDON: REMOVE CULVERT (LF)	REMOVAL/ABANDON: ABANDON CULVERT (LF)	REMOVAL/ABANDON: REMOVE CONCRETE (CY)	REMOVAL/ABANDON: REMOVE ROCK SLOPE PROTECTION (CY)	REMOVAL/ABANDON: REMOVE DOWNDRAIN (EA)	REMOVAL/ABANDON: REMOVE OVERSIDE DRAIN (EA)	REMOVAL/ABANDON: REMOVE FLARED END SECTION (EA)	BAR REINFORCING STEEL (BOX CULVERT) (LB)	GRATED LINE DRAIN (LF)	MINOR CONCRETE (MINOR STRUCTURE) (CY)	MINOR CONCRETE (GUTTER DEPRESSION) (CY)	CONCRETE (CONCRETE APRON) (CY)	CONCRETE (CHANNEL LINING) (CY)	(N) BIOFILTRATION SWALE (LF)	(N) CONCRETE COLLAR (EA)	18" ALTERNATIVE PIPE CULVERT (LF)	24" ALTERNATIVE PIPE CULVERT (LF)	33" ALTERNATIVE PIPE CULVERT (LF)	18" REINFORCED CONCRETE PIPE (LF)	24" REINFORCED CONCRETE PIPE (LF)	30" REINFORCED CONCRETE PIPE (LF)	36" REINFORCED CONCRETE PIPE (LF)	(N) PIPE JOINT CLASSIFICATION	CONCRETE BACKFILL (CY)	18" ALTERNATIVE FLARED END SECTION (EA)	24" ALTERNATIVE FLARED END SECTION (EA)	FRAMES, GRATES & COVERS: PLATE (N) (EA)	FRAMES, GRATES & COVERS: 24-12 (N) (EA)	FRAMES, GRATES & COVERS: 36R (N) (EA)	36" PRECAST CONCRETE PIPE INLET (LF)	36" PRECAST CONCRETE PIPE MANHOLE (LF)	MISCELLANEOUS IRON AND STEEL (LB)	STRUCTURAL CONCRETE, BOX CULVERT (CY)	ROCK SLOPE PROTECTION: No. 2, METHOD B (CY)	ROCK SLOPE PROTECTION: LIGHT, METHOD B (CY)	ROCK SLOPE PROTECTION: 1/4 TON, METHOD B (CY)	ROCK SLOPE PROTECTION: FABRIC (CLASS 8) (SY)	(N) "H" OR "V"	(N) MAXIMUM COVER (LF)	DESCRIPTION	STATION	DRAINAGE PLAN SHEET No.	DRAINAGE SYSTEM No.	DRAINAGE UNIT
D-6	40	n												1.0																												2.7		G1 DI	51.16' Rt "D" 29+28	D-6	40	n
		o																			89																					8.8	18" AP				o
		p																		1																							Conc COLLAR	49.32' Rt "D" 28+38.42			p
		q																			43																					2.4	18" AP				q
		r												0.6																													JS No. 1	41.70' Rt "D" 27+97			r
D-4	41	a															57.9																											Conc Chnl		D-4	41	a
D-7	42	a																		1																							Conc COLLAR	65.1' Rt "A" 543+95±	D-7	42	a
		b																			152																					3.2	18" AP				b
		c												1.9																			1			326						5.3		G2 DI	69' Rt "A" 545+48			c
		d																			23																					4.3	18" AP				d
		e																												1													18" AFES	92.21' Rt "A" 545+48			e
		f																																		5.0			20.8			RSP				f
D-6	43	a												0.7																															JS No. 1	90.07' Rt "D" 21+43.19	D-6	43	a
		b																											29			S											24" RCP				b
		c														0.7																		1	2.9		236						2.9		GCP DI W/ APRON	108.84' Rt "D" 21+21.22			c
D-6	44	a												0.7																															JS No. 2	38.91' Rt "D" 26+69.94	D-6	44	a
		b																											24			S											24" RCP				b
		c														0.7																		1	2.8		236						2.8		GCP DI W/ APRON	63.63' Rt "D" 26+71.16			c
D-6	45	a												0.7																															JS No. 2	37.95' Rt "D" 27+96.91	D-6	45	a
		b																											20			S											24" RCP				b
		c														0.7																		1	3.2		236						3.2		GCP DI W/ APRON	58.90' Rt "D" 27+97.41			c
D-4	46	a											30.0																															GRATED LINE DRAIN		D-4	46	a
SHEET TOTAL													30.0	5.6		2.1	57.9			307				73					1		2	3	8.9		1360		5.0			20.8						
TOTAL			10	1	1352.3	38.1	80.5	131	2	5	15	497561	69.4	114.3	20.7	6.6	380.8			1571	399	13	167	1307	28	180		1.2	4	3				32.5	51.3	16326	2434.2	284.0	829.0	479.2	1380.8						

DRAINAGE QUANTITIES

NO SCALE **DQ-9**

CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: STEPHANIE HILLEBRAND
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

REVISED BY | DATE REVISED

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 23 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 8:56:06 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301id009.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 08000000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	132	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLEBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

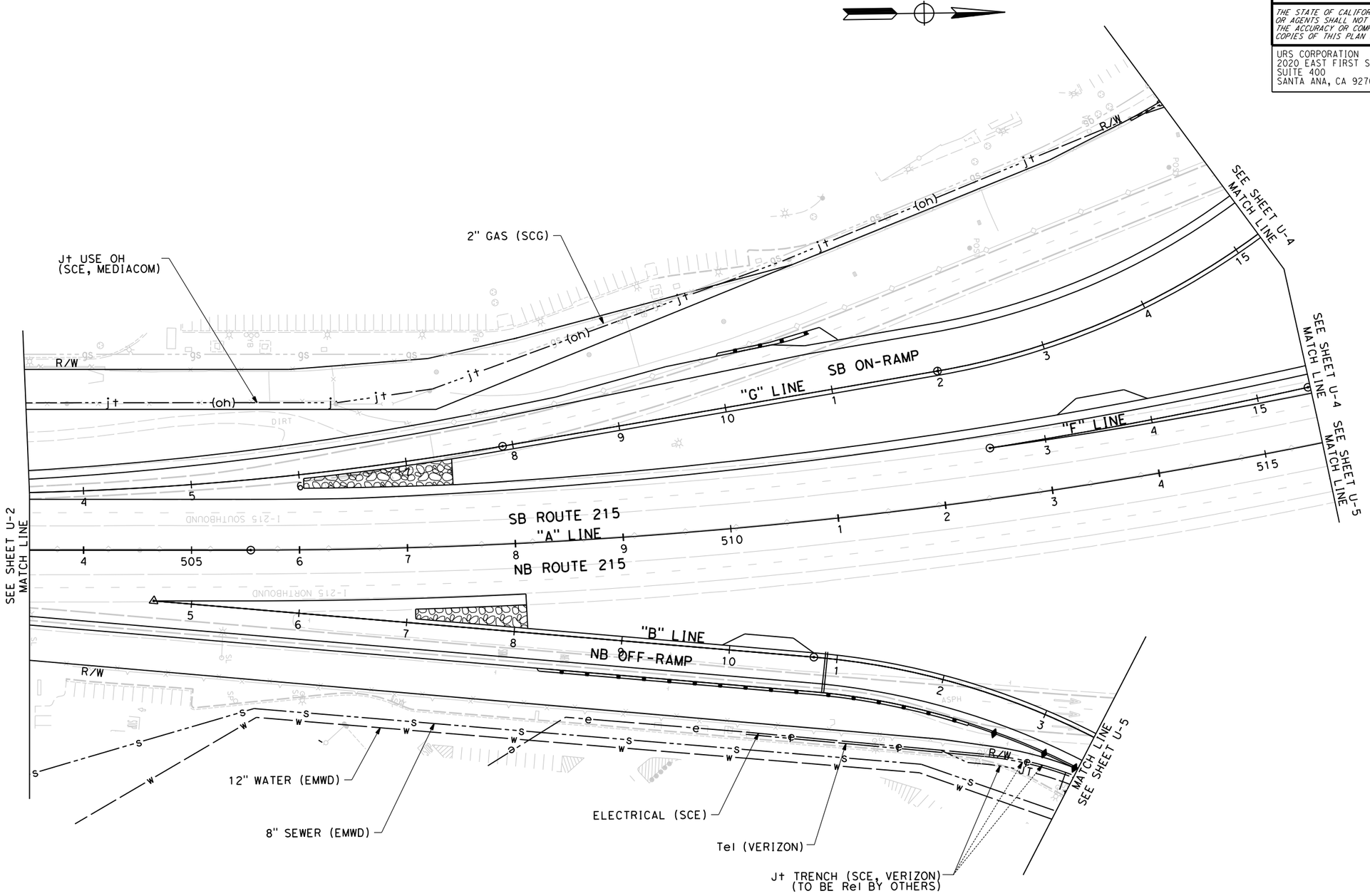
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



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

THIS PLAN ACCURATE FOR UTILITY WORK ONLY

UTILITY PLAN

SCALE 1"= 50'

U-3

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 24 OF 115

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: CATHERINE LAMPON
CHECKED BY: STEPHANIE HILLEBRAND
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:56:12 AM

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301ka003.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	133	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLEBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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

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.

POSITIVE LOCATION INFORMATION

No. ⬠	LOCATION	DEPTH OF COVER OR ELEVATION	METHOD	UTILITY OWNER
10	38.3' Lt "N" 508+08.1	4.38'	POTHOLING	SCG
11	37.6' Lt "N" 510+03.8	5.23'	POTHOLING	SCG
15	13.7' Lt "N" 508+06.8	6.35'	POTHOLING	SCG
16	13.5' Lt "N" 509+00.2	5.95'	POTHOLING	SCG
17	12.3' Lt "N" 510+00.5	8.90'	POTHOLING	SCG
18	9.4' Rt "N" 512+76.3	6.51'	POTHOLING	SCE
19	11.2' Rt "N" 516+10.4	10.65'	POTHOLING	SCE
20	24.7' Rt "N" 510+00.9	5.53'	POTHOLING	SCG
21	25.1' Rt "N" 510+79.9	6.84'	POTHOLING	SCG
22	25.0' Rt "N" 511+94.7	9.65'	POTHOLING	SCG
23	24.4' Rt "N" 512+77.4	11.10'	POTHOLING	SCG
24	25.3' Rt "N" 513+80.5	13.20'	POTHOLING	SCG
26	25.2' Rt "N" 516+04.5	13.50'	POTHOLING	SCG
27	24.5' Rt "N" 517+78.8	8.00'	POTHOLING	SCG
29	65.1' Rt "N" 510+01.6	6.10'	POTHOLING	SCE

SEE SHEET U-6 MATCH LINE

6" RECYCLED WATER (EMWD)
2" GAS (SCG)
15" SEWER (EMWD)
HAUN Rd
R/W
rcw
"E" LINE
SB OFF-RAMP
"F" LINE
SB LOOP ON-RAMP
J† TRENCH (VERIZON, TWC, SUNESYS, AT&T)
MATCH LINE SEE SHEET U-6
ABANDONED CABLE TELEVISION (TWC)
12 kV/33 kV Elec (SCE)
J† TRENCH (TWC, VERIZON, SUNESYS)
8" HP GAS (SCG)
6" MP GAS (SCG)
Tel (VERIZON)
Elec (SCE)
CABLE TELEVISION (TWC)
TELEPHONE (VERIZON)
ABANDONED CABLE TELEVISION (TWC)
ABANDONED Elec (SCE)
RELOCATE 21" WATER (EMWD) (SEE WATER LINE RELOCATION PLANS AND Str PLANS)
J† TRENCH (VERIZON, TWC, SUNESYS)
NEWPORT Rd
"N" LINE
FIBER OPTIC CABLE (AT&T)
FIBER OPTIC CABLE (SUNESYS)
J† USE OH (SCE, MEDIACOM, SUNESYS) (TO BE Rel BY OTHERS)
12KV Elec (SCE)
ABANDONED Tel (VERIZON)
TELECOMMUNICATION (MEDIACOM)
ABANDONED CABLE TELEVISION (TWC)
FIBER OPTIC CABLE (AT&T)
30" SEWER (EMWD)
12" RECYCLED WATER (EMWD)
12" WATER (EMWD)
SB ON-RAMP
"G" LINE
TELECOMMUNICATION (MEDIACOM) (TO BE ABANDONED BY OTHERS)
ABANDONED FIBER OPTIC CABLE (SUNESYS)
2" GAS (SCG)
CABLE TELEVISION AND TELECOMMUNICATION (TWC, MEDIACOM) (TO BE ABANDONED BY OTHERS)
TELECOMMUNICATION (MEDIACOM)
12KV Elec OH (SCE) (TO BE Rel BY OTHERS)
ABANDONED Tel (VERIZON)
115KV Elect OH (SCE) (TO BE Rel BY OTHERS)
ABANDONED FIBER OPTIC CABLE (SUNESYS)
6" MP GAS LINE (SCG) (TO BE Rel BY OTHERS)
12" CASING FOR 6" GAS LINE (SEE Str PLANS)
ABANDONED FIBER OPTIC CABLE (AT&T)
SB ROUTE 215
MATCH LINE SEE SHEET U-3
MATCH LINE SEE SHEET U-5
MATCH LINE SEE SHEET U-3

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

THIS PLAN ACCURATE FOR UTILITY WORK ONLY

UTILITY PLAN

SCALE 1"= 50'

U-4

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 25 OF 115

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: CATHERINE LAMPON
CHECKED BY: STEPHANIE HILLEBRAND
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:56:18 AM

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301ka004.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

NOTE:

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

POSITIVE LOCATION INFORMATION

No. ⬠	LOCATION	DEPTH OF COVER OR ELEVATION	METHOD	UTILITY OWNER
42	63.1' Lt "N" 531+76.2	4.17'	POTHOLING	SCE
44	35.8' Lt "N" 532+71.1	3.66'	POTHOLING	SCG
45	19.3' Lt "N" 532+55.6	9.30'	POTHOLING	SCG
46	7.7' Rt "N" 524+56.3	4.90'	POTHOLING	SCE
47	25.0' Rt "N" 524+28.0	7.60'	POTHOLING	SCG
48	25.4' Rt "N" 525+04.6	8.35'	POTHOLING	SCG
49	25.1' Rt "N" 525+92.9	8.60'	POTHOLING	SCG
50	25.7' Rt "N" 527+02.3	10.41'	POTHOLING	SCG
51	24.9' Rt "N" 527+98.2	10.30'	POTHOLING	SCG
52	25.5' Rt "N" 529+16.7	11.40'	POTHOLING	SCG
54	25.4' Rt "N" 530+95.0	9.45'	POTHOLING	SCG
55	24.8' Rt "N" 532+14.3	9.52'	POTHOLING	SCG

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	134	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

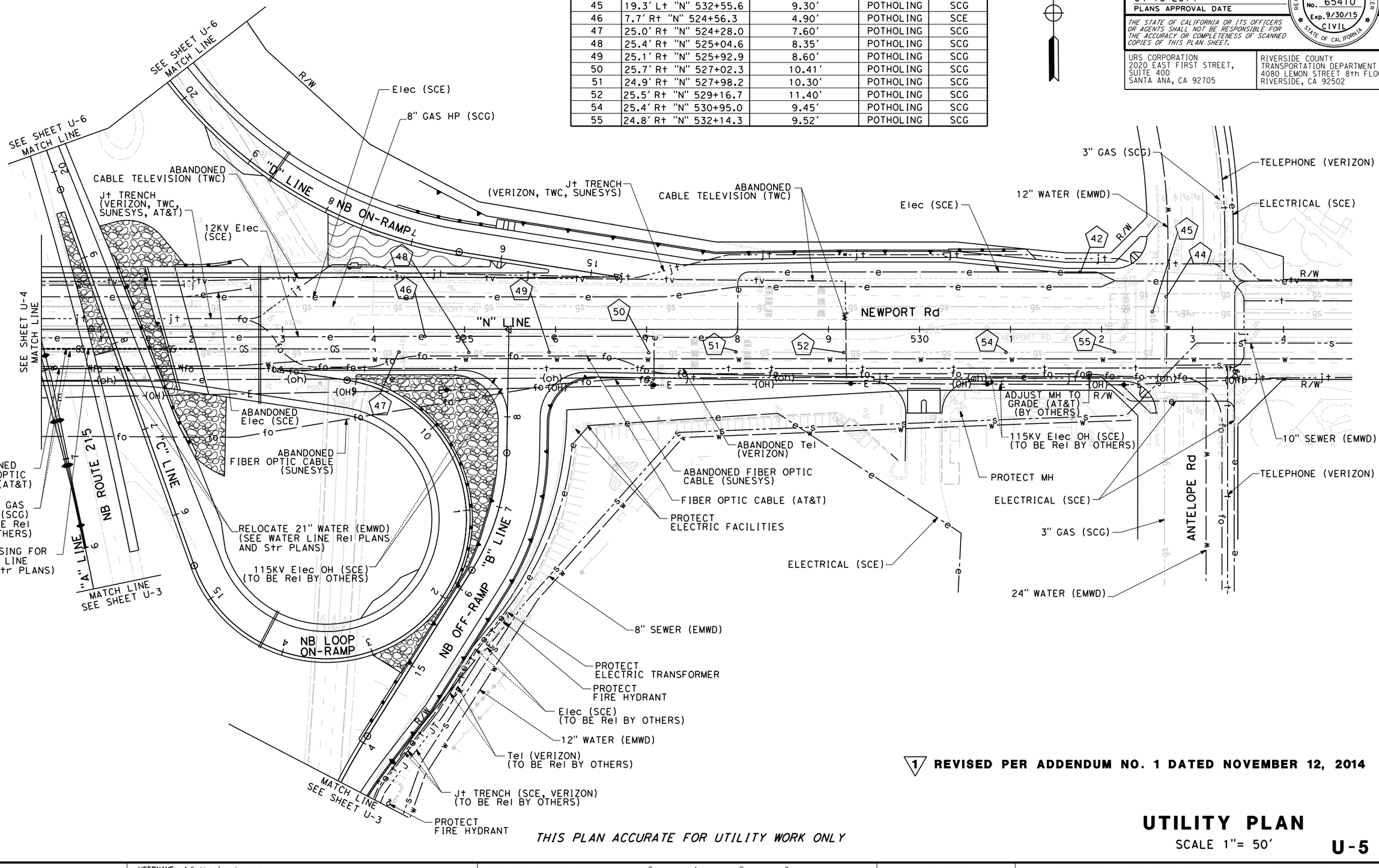
04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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

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

THIS PLAN ACCURATE FOR UTILITY WORK ONLY

UTILITY PLAN

SCALE 1"= 50'

U-5

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 26 OF 115

LAST REVISION 00-00-00 DATE PLOTTED => 11/6/2014 TIME PLOTTED => 8:56:24 AM

REVISED BY	DATE REVISED

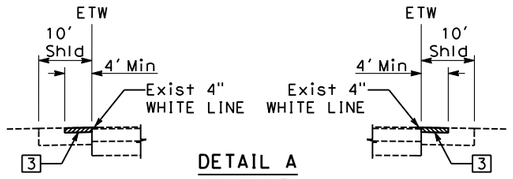
CALCULATED-DESIGNED BY: CATHERINE LAMPON
CHECKED BY: STEPHANIE HILLEBRAND
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301ka005.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

NOTE:

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



DETAIL A
NO SCALE

RUMBLE STRIP REMOVAL NOTES:

1. BEGIN RUMBLE STRIP REMOVAL ON INSIDE AND OUTSIDE SHOULDERS:
   SB I-215: Sta 479+00 AND NB I-215: Sta 481+95
2. END RUMBLE STRIP REMOVAL ON INSIDE AND OUTSIDE SHOULDERS:
   SB I-215: Sta 549+36 AND NB I-215: Sta 556+40
3. COLD PLANE 0.15' Min OUTSIDE THE Exist 4" WHITE STRIPE AND OVERLAY 0.15' Min HMA (TYPE A) TO COMPLETELY REMOVE RUMBLE STRIP. SEE DETAIL A FOR TYPICAL SECTION OF SHOULDER OVERLAY.
4. COLD PLANE EXISTING RUMBLE STRIP AND OVERLAY BEFORE SHIFTING TRAFFIC ONTO THE EXISTING INSIDE OR OUTSIDE SHOULDER.

LEGEND:

- DEMOLITION AREA
- WORK AREA CONSTRUCTION
- TEMPORARY ASPHALT PAVEMENT WORK AREA CONSTRUCTION
- DIRECTION OF TRAVEL
- TEMPORARY RAILING (TYPE K) WITH SCUPPERS, AND TRAFFIC SCREEN, UNLESS OTHERWISE NOTED
- TEMPORARY CRASH CUSHION MODULE, ARRAY PER PLAN
- CHANNELIZERS (SURFACE MOUNTED)
- ROADSIDE SIGN (1 POST)
- ANGLE POINT
- TYPE II BARRICADE
- TYPE III BARRICADE
- CHANGE IN STRIPING
- (#) TEMPORARY PAVEMENT DELINEATION DETAIL NUMBER
- (LL) 12" WHITE LIMIT LINE
- (PM) PAVEMENT MARKING OR LEGEND AS SHOWN
- (A) 4" WHITE LINE TO INTERSECTION
- (CW) 12" WHITE CROSSWALK LINE
- (CH) CHEVRON
- WVDS WIRELESS VEHICLE DETECTION SYSTEM

GENERAL NOTES (ALL STAGES):

1. RESTRIPE FREEWAY MAINLINE AND RAMPS PRIOR TO PLACING TEMPORARY RAILING (TYPE K). USE CALTRANS REVISED STANDARD PLANS T10, T10A, AND T14 FOR MAINLINE AND RAMP CLOSURES.
2. TEMPORARY TRAFFIC STRIPES AND PAVEMENT MARKINGS MUST BE PAINTED (2-COAT).
3. ALL CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS MUST BE REMOVED.
4. LANE WIDTHS MUST BE 12' MINIMUM UNLESS OTHERWISE NOTED. INSIDE/OUTSIDE SHOULDER DIMENSIONS ARE MEASURED FROM THE FACE OF BARRIER, CURB OR TEMPORARY RAILING (TYPE K).
5. TEMPORARY TRAFFIC SCREEN MUST BE PLACED ON TOP OF TEMPORARY RAILING (TYPE K) ADJACENT TO TRAVEL WAY UNLESS SIGHT DISTANCE RESTRICTIONS DICTATE OTHERWISE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.
6. EXISTING LUMINAIRES, RAMP METERS, OVERHEAD SIGNS AND OTHER PERTINENT ITEMS LOCATED IN THE CONSTRUCTION ZONE WILL BE PROTECTED AND REMAIN OPERATIONAL UNLESS DIRECTED BY ENGINEER.
7. FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
8. CONSTRUCTION OF TEMPORARY HOT MIX ASPHALT CURB RAMP WILL BE PAID FOR AS PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA) AND HOT MIX ASPHALT (TYPE A). REMOVAL OF TEMPORARY HOT MIX ASPHALT CURB RAMP WILL BE PAID FOR AS REMOVE ASPHALT CONCRETE PAVEMENT.
9. MAINTAIN PEDESTRIAN TRAFFIC ACCESS THROUGH CONSTRUCTION AREA.
10. IN AREAS WHERE FREEWAY PAVEMENT REMOVAL IS NEEDED WITHIN THE MEDIAN FOR CONSTRUCTION OF BRIDGE FOUNDATIONS, RECONSTRUCT THE PAVEMENT PER THE EXISTING PAVEMENT STRUCTURAL SECTION SHOWN ON THE TYPICAL SECTIONS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	153	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

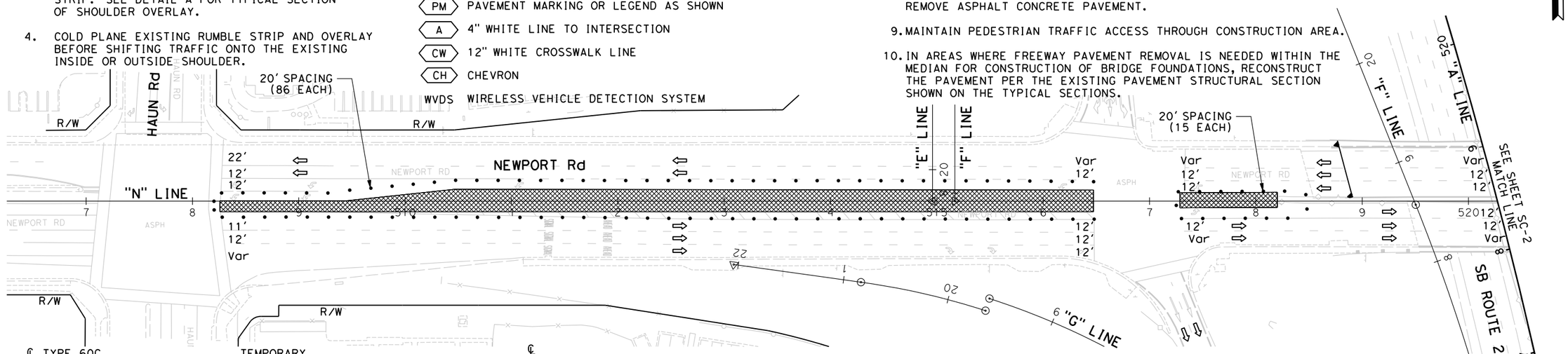
DOUGLAS E. SMITH No. 43549 Exp. 6/30/16 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

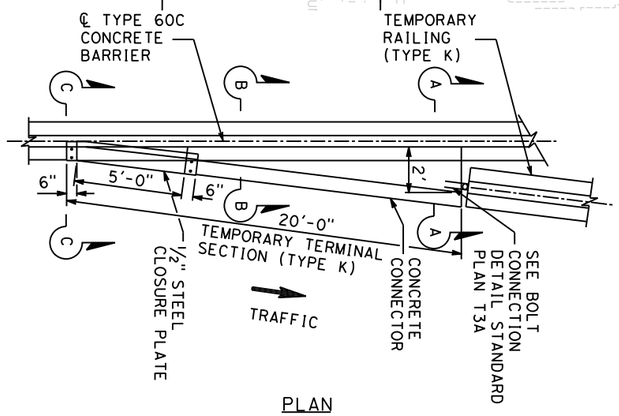
04-15-2014
PLANS APPROVAL DATE

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.

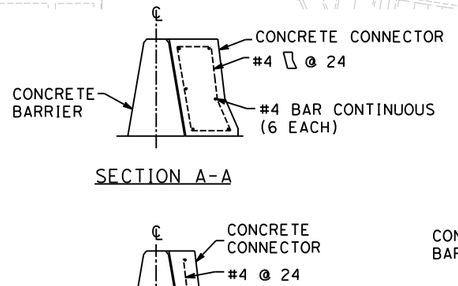
URS CORPORATION
2020 EAST FIRST STREET, SUITE 400
SANTA ANA, CA 92705

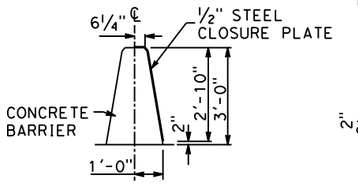
RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502

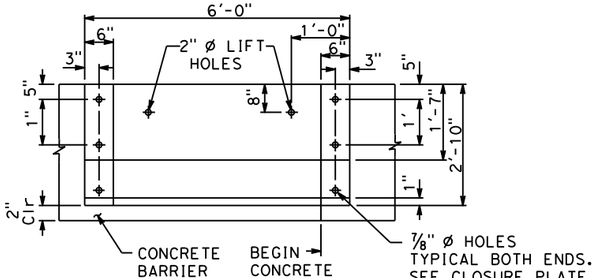




PLAN







CLOSURE PLATE (SIDE VIEW)

TEMPORARY TERMINAL SECTION (TYPE K) DETAIL

NO SCALE

NOTE: SEE Std PLAN T5 FOR ADDITIONAL DETAILS FOR TEMPORARY TERMINAL SECTION (TYPE K).

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1A)

SCALE 1"= 50'

SC-1

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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 27 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:47:25 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN | CALCULATED-DESIGNED BY: TERENCE HO | CHECKED BY: KEITH RAND | REVISED BY | DATE REVISED | Caltrans

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	154	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

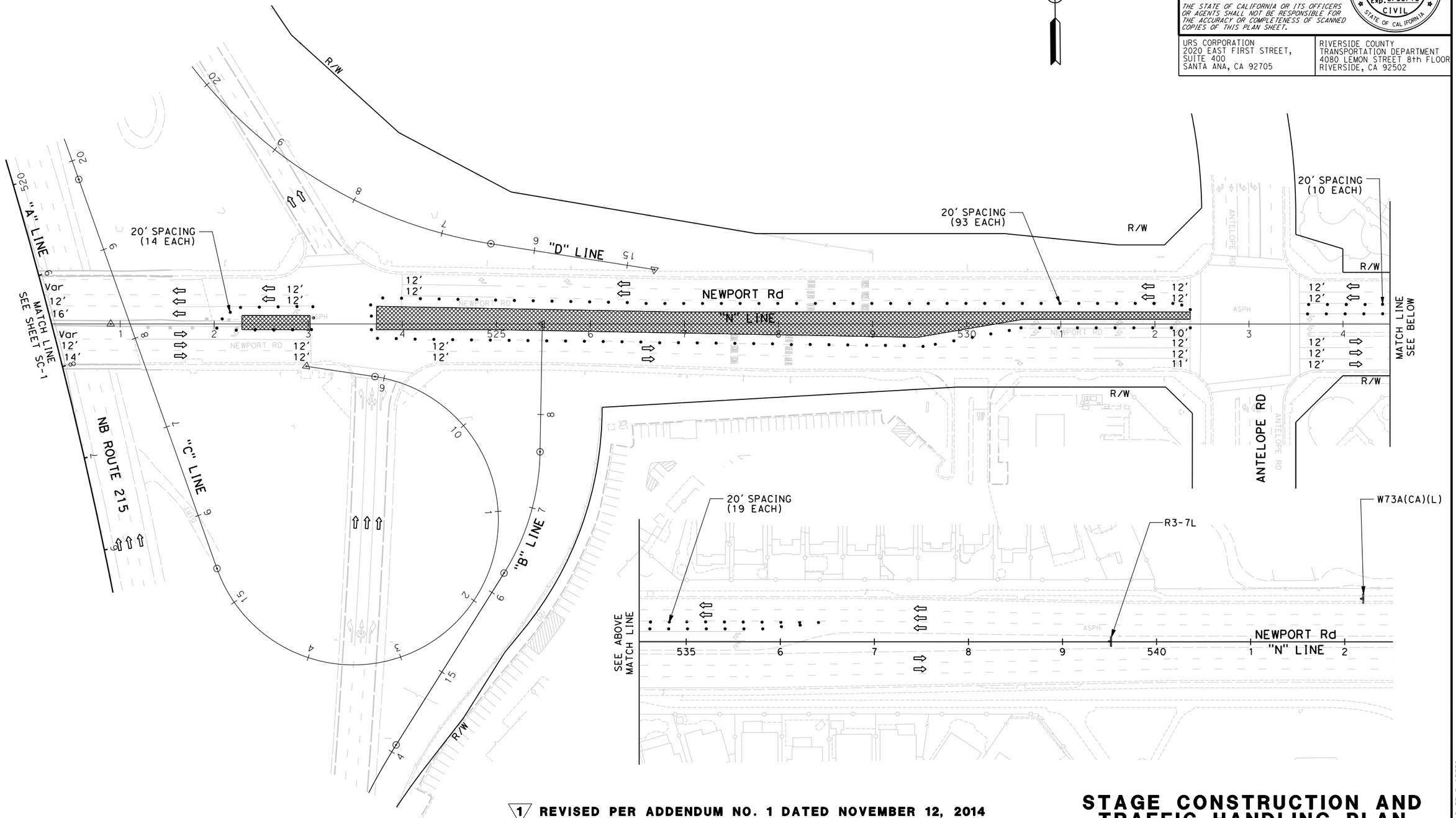
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1A)

SCALE 1"= 50'

SC-2

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 28 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:47:32 AM

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

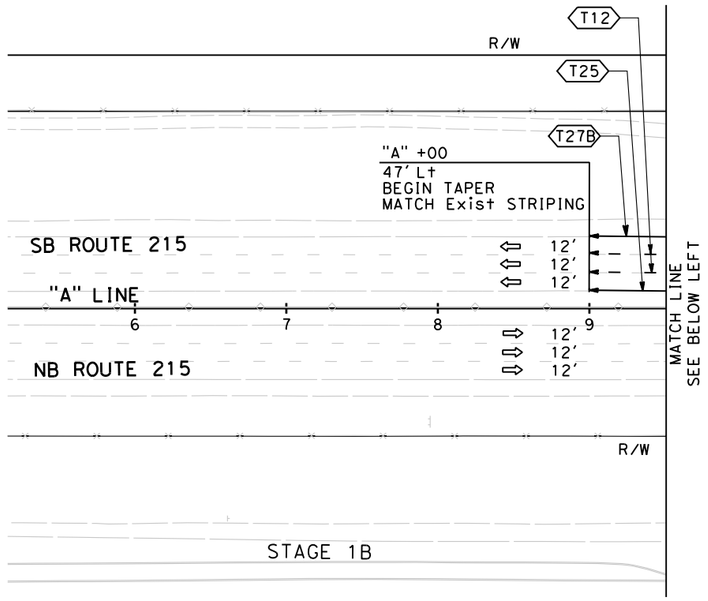
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

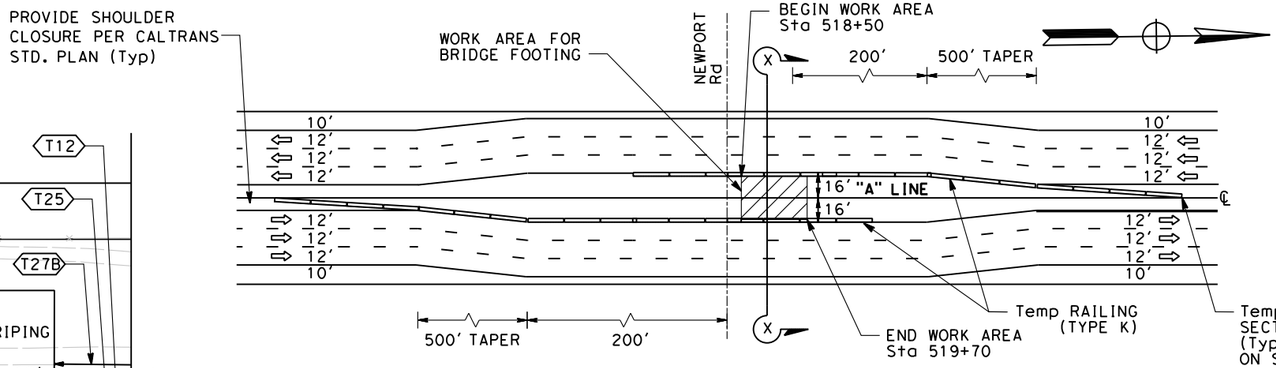
Caltrans

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

NOTE:

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

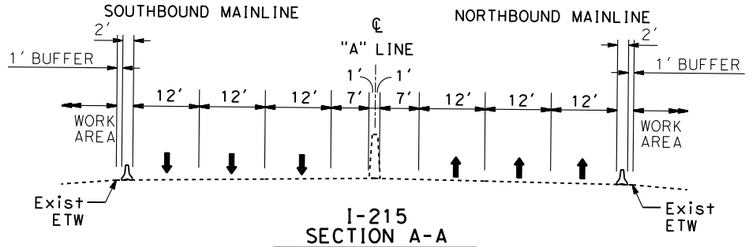




STAGE 1B-1: Sta 507+60 TO 529+00

NO SCALE

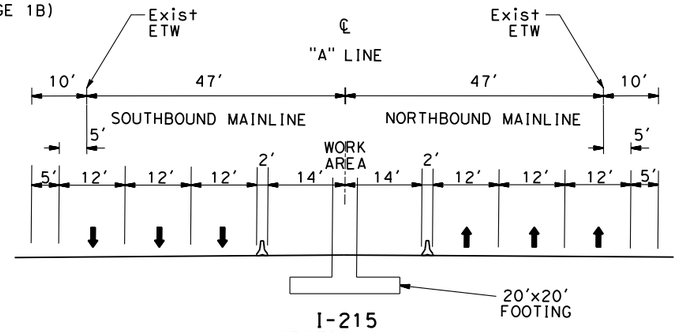
(NOTE: STAGE 1B-1 IS TO BE CONSTRUCTED PRIOR TO STAGE 1B)



I-215
SECTION A-A

NO SCALE

STAGE 1B



I-215
SECTION X-X

NO SCALE

STAGE 1B-1

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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1B-1 AND 1B)

SCALE 1"= 50'

SC-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	155	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

REVISED BY	DATE REVISED
TERENCE HO	KEITH RAND

CALCULATED-DESIGNED BY | CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 29 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:47:40 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma003.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	156	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

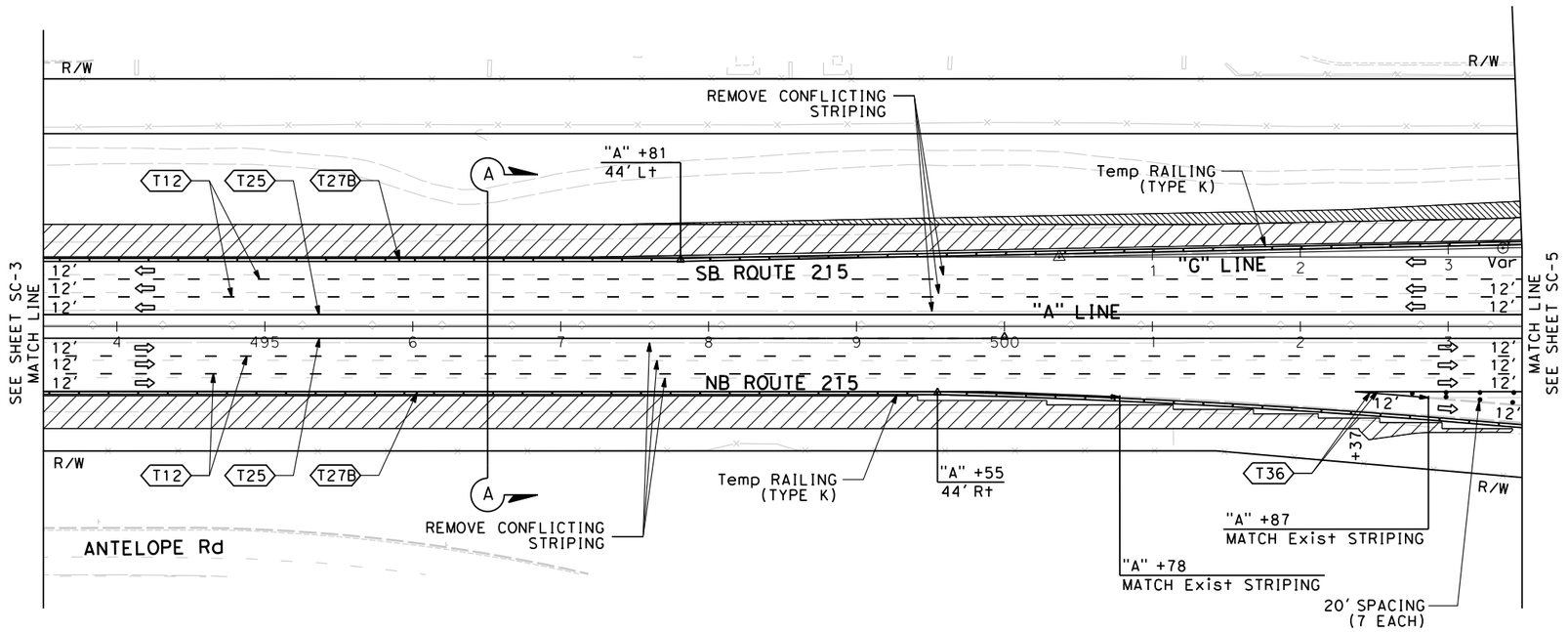
DOUGLAS E. SMITH No. 43549 Exp. 6/30/16 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

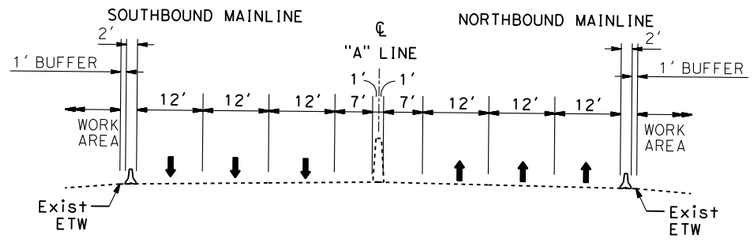
04-15-2014
PLANS APPROVAL DATE

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





I-215
SECTION A-A
NO SCALE

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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1B)

SCALE 1"= 50'

SC-4

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 30 OF 115

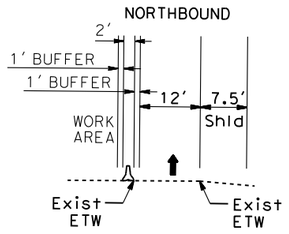
LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:47:44 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND
REVISED BY | DATE REVISED

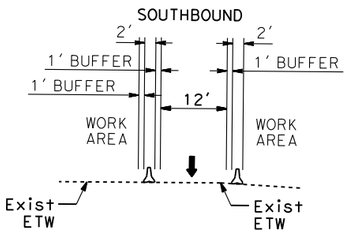
BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma004.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

NOTE:

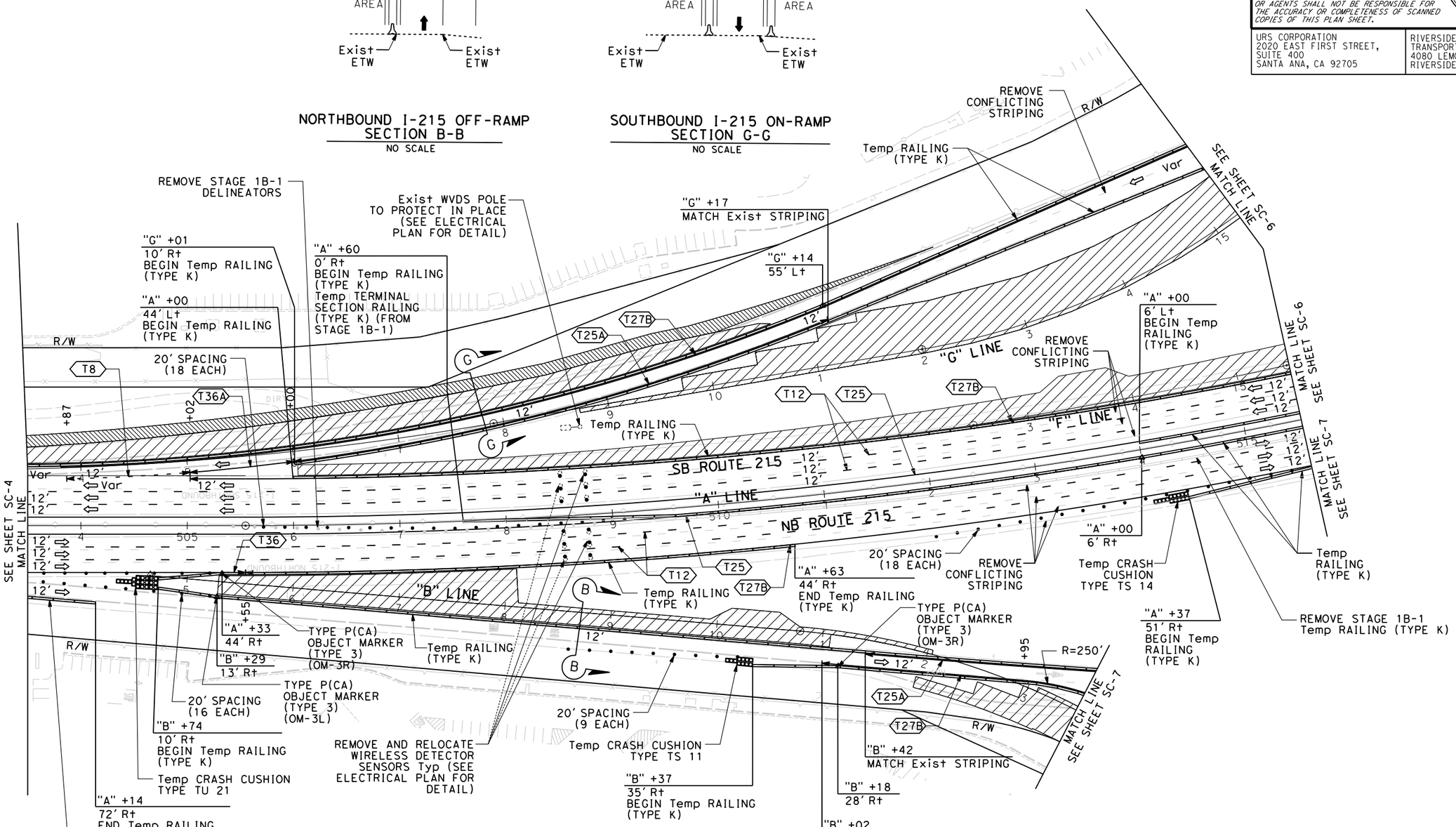
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



NORTHBOUND I-215 OFF-RAMP
SECTION B-B
NO SCALE



SOUTHBOUND I-215 ON-RAMP
SECTION G-G
NO SCALE



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1B)

SCALE 1"= 50'

SC-5

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	157	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 31 OF 115

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND
REVISED BY | DATE REVISED

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:47:49 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma005.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	158	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

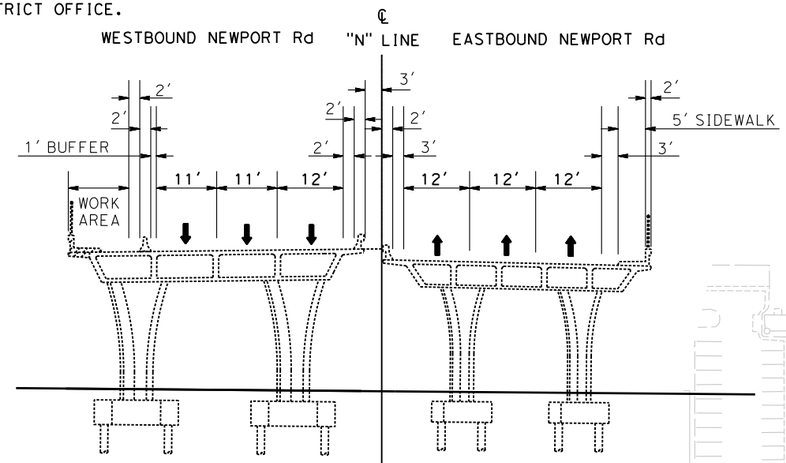
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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

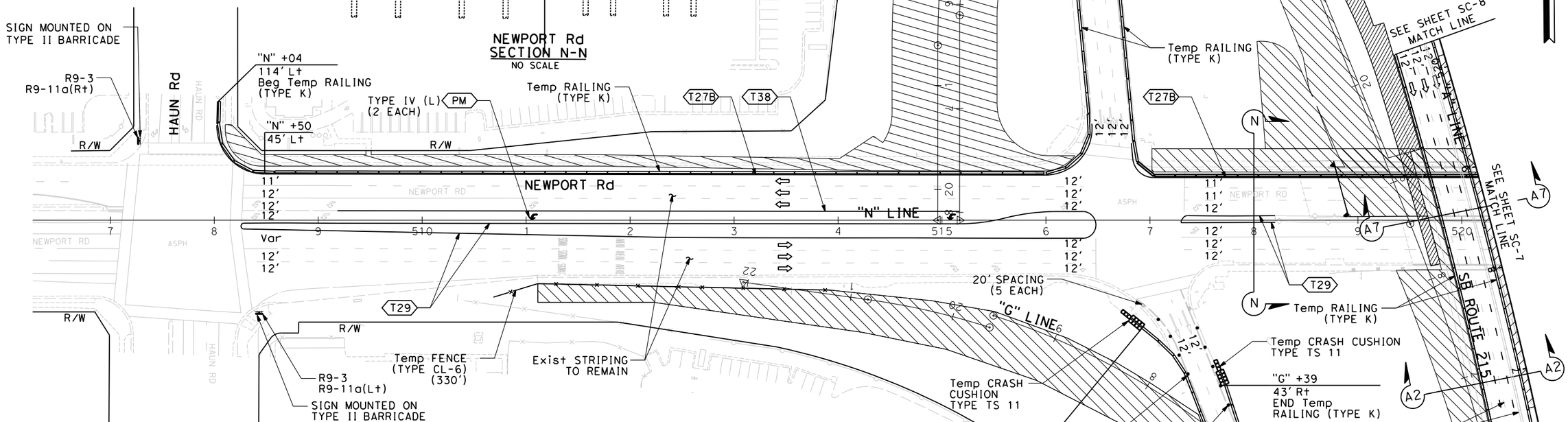
RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502

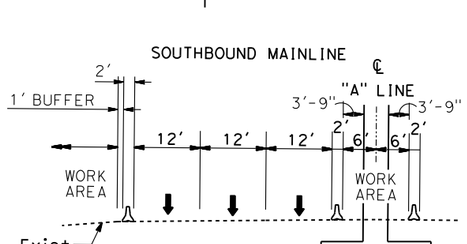
NOTE:

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

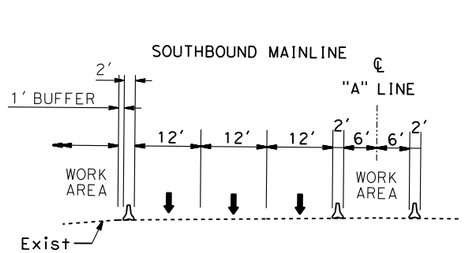


NEWPORT Rd
SECTION N-N
NO SCALE





I-215
SECTION A7-A7
NO SCALE



I-215
SECTION A2-A2
NO SCALE

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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1B)

SCALE 1"= 50′

SC-6

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 32 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:47:54 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN | CALCULATED-DESIGNED BY: TERENCE HO | CHECKED BY: KEITH RAND | REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma006.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	159	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

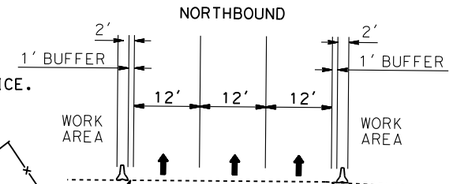
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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

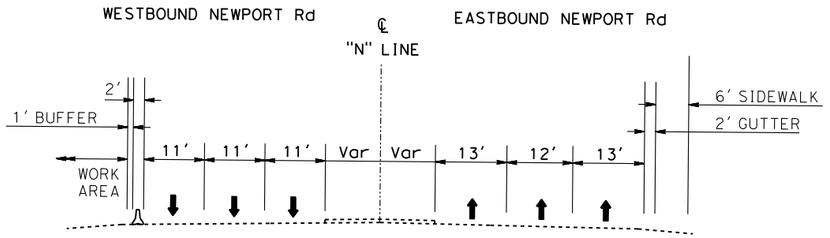
RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502

NOTE:

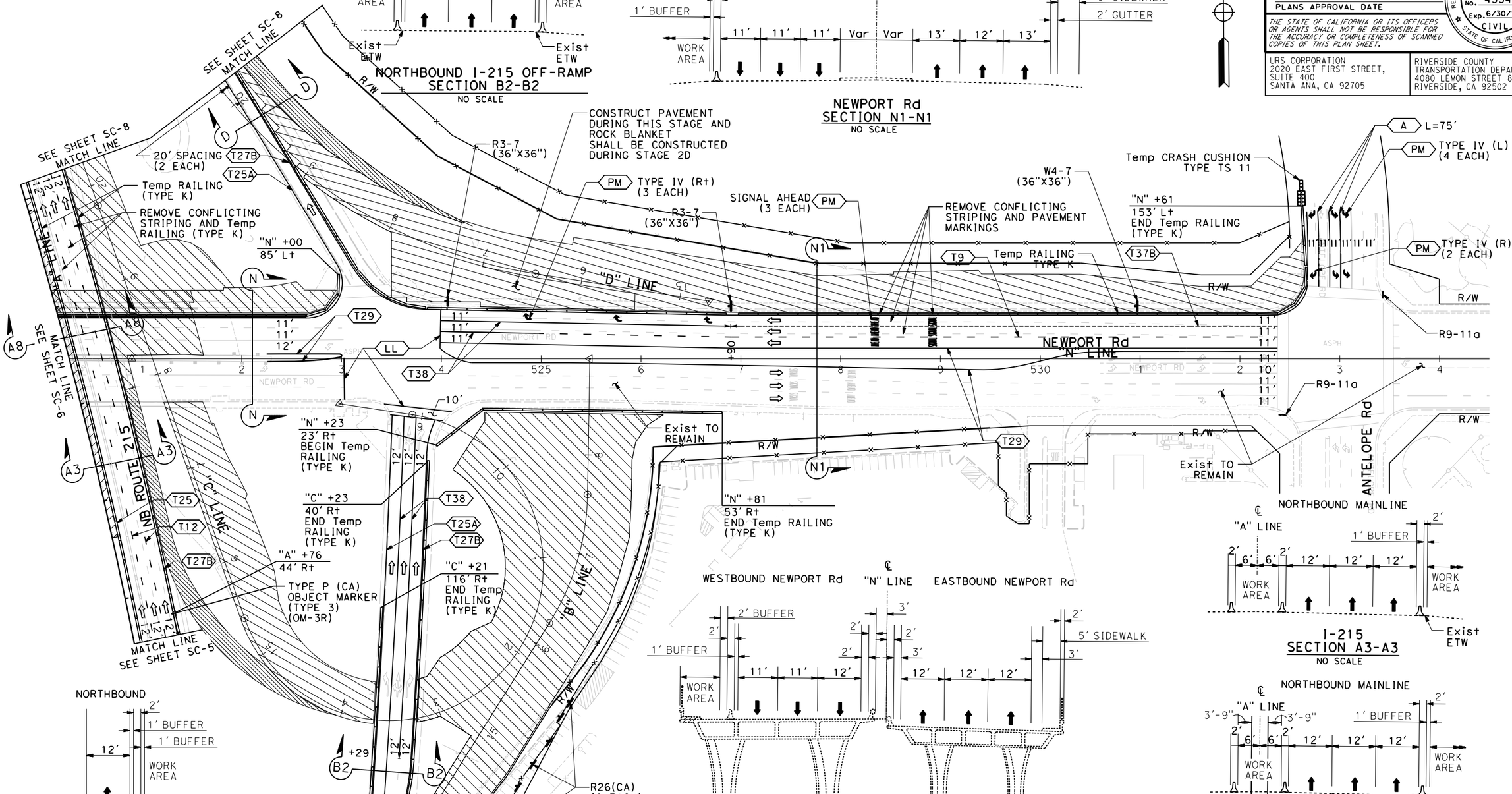
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

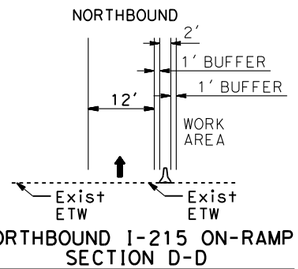


NORTHBOUND I-215 OFF-RAMP
SECTION B2-B2
NO SCALE

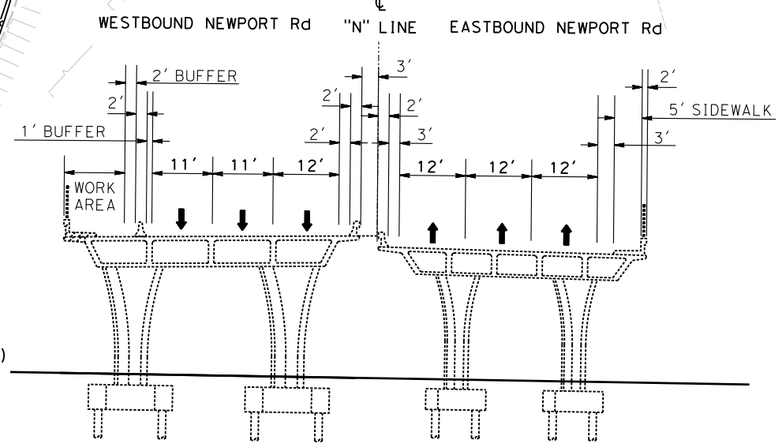


NEWPORT Rd
SECTION N1-N1
NO SCALE



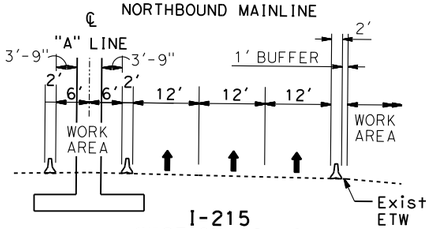


NORTHBOUND I-215 ON-RAMP
SECTION D-D
NO SCALE



NEWPORT Rd
SECTION N-N
NO SCALE

I-215
SECTION A3-A3
NO SCALE



I-215
SECTION A8-A8
NO SCALE

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1B)

SCALE 1"= 50'

SC-7

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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 33 OF 115

LAST REVISION — DATE PLOTTED => 11/6/2014 — TIME PLOTTED => 10:47:59 AM

00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

CALCULATED-DESIGNED BY: TERENCE HO

CHECKED BY: KEITH RAND

REVISED BY	DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma007.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	160	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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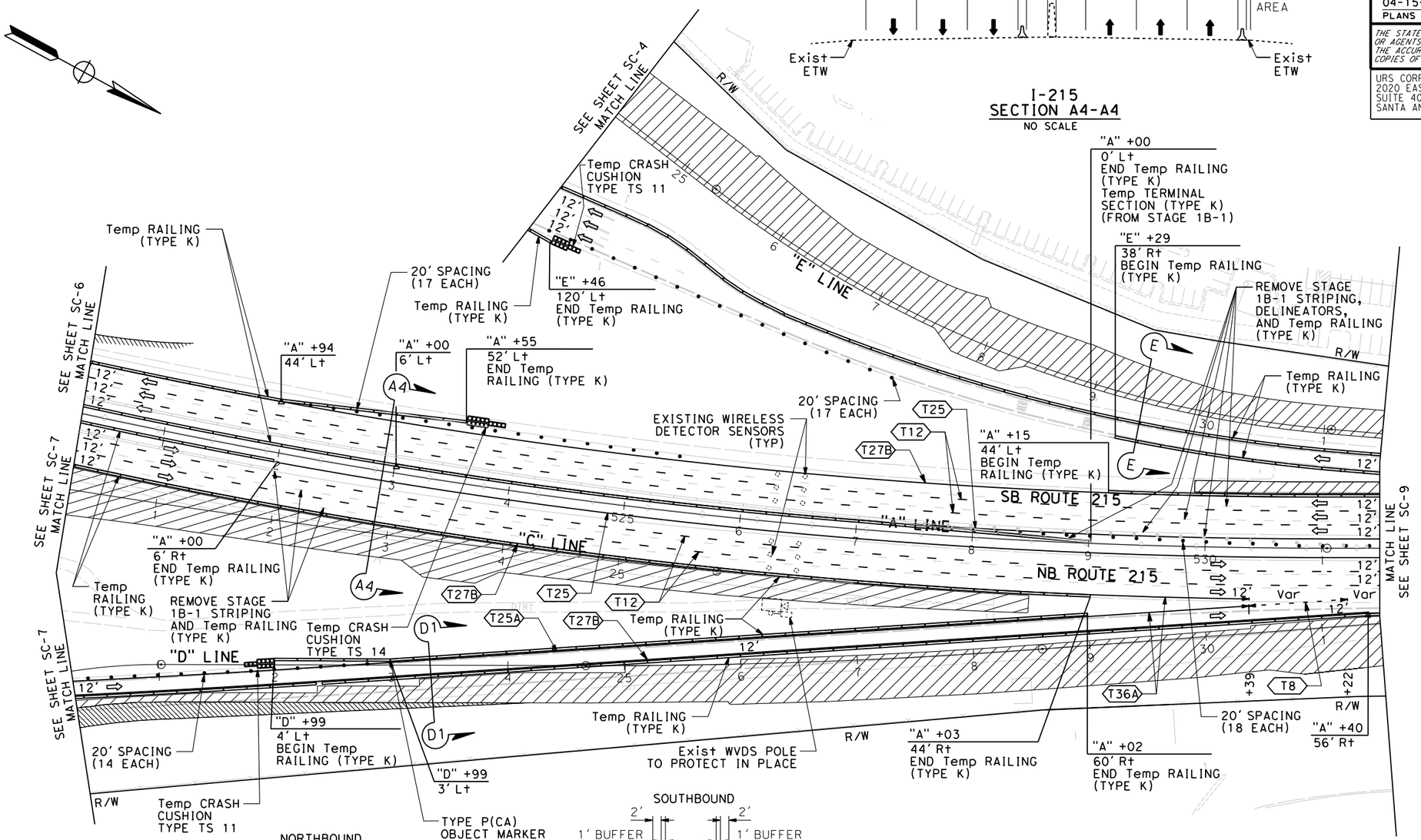
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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

NOTE:

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



NORTHBOUND I-215 ON-RAMP
SECTION D1-D1
NO SCALE

SOUTHBOUND I-215 OFF-RAMP
SECTION E-E
NO SCALE

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

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

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1B)

SCALE 1"= 50'

SC-8

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 34 OF 115

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:48:06 AM

BORDER LAST REVISED 7/2/2010
USERNAME => kent_ko
DGN FILE => ...\0800000301ma008.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	161	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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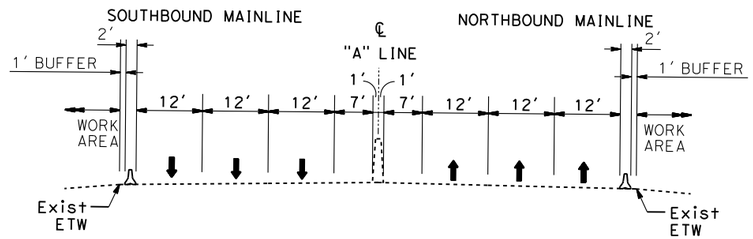
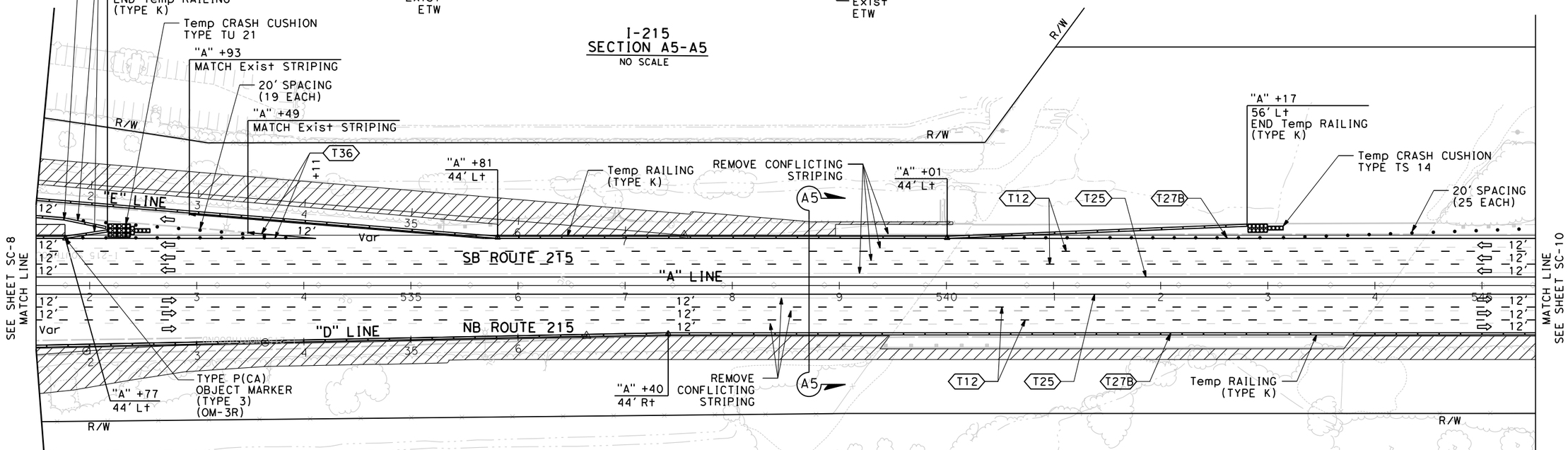
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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



I-215
SECTION A5-A5
NO SCALE



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1B)

SCALE 1"= 50'

SC-9

REVISED BY	DATE REVISED
TERENCE HO	
KEITH RAND	

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 35 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:48:11 AM

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma009.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	162	475

04-15-14
REGISTERED CIVIL ENGINEER DATE

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

04-15-2014
PLANS APPROVAL DATE

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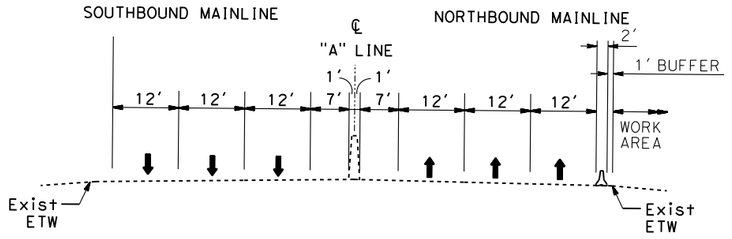
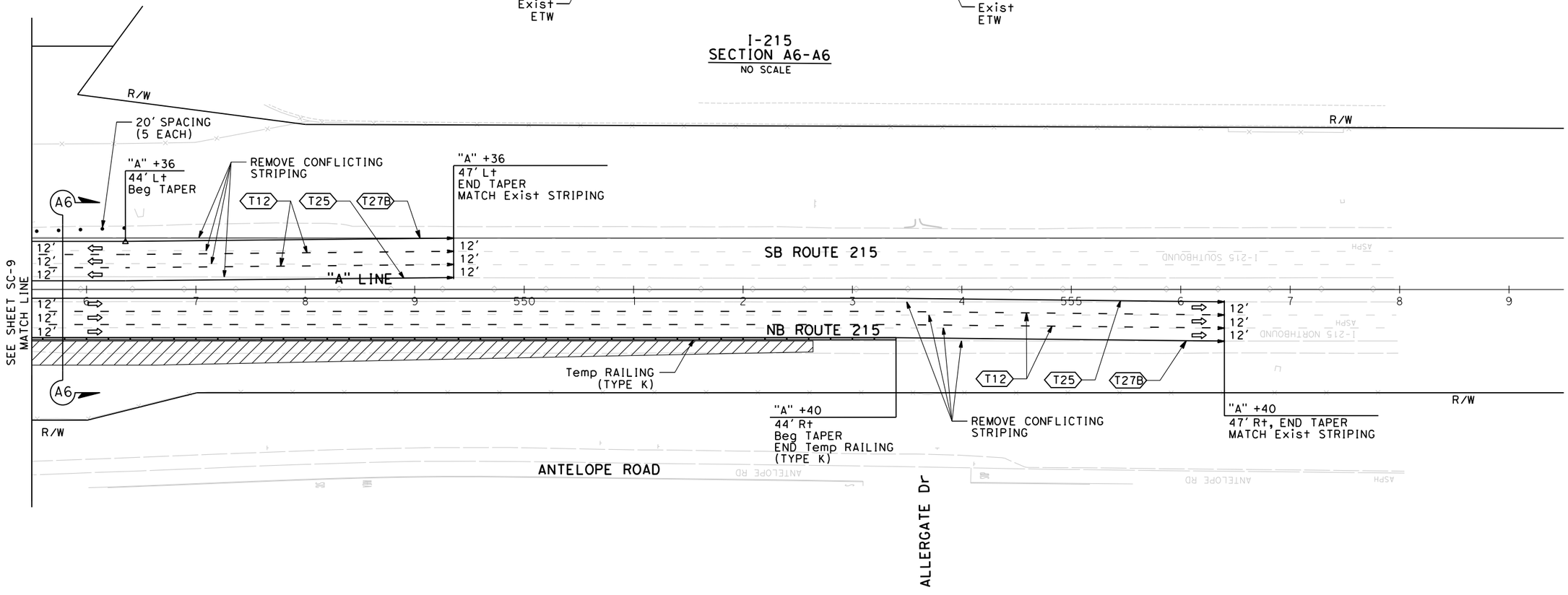
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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



I-215
SECTION A6-A6
NO SCALE



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1B)

SCALE 1"= 50'

SC-10

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 36 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:48:15 AM

REVISED BY | DATE REVISED
TERENCE HO | KEITH RAND
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR | JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | Gibbons

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma010.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	163	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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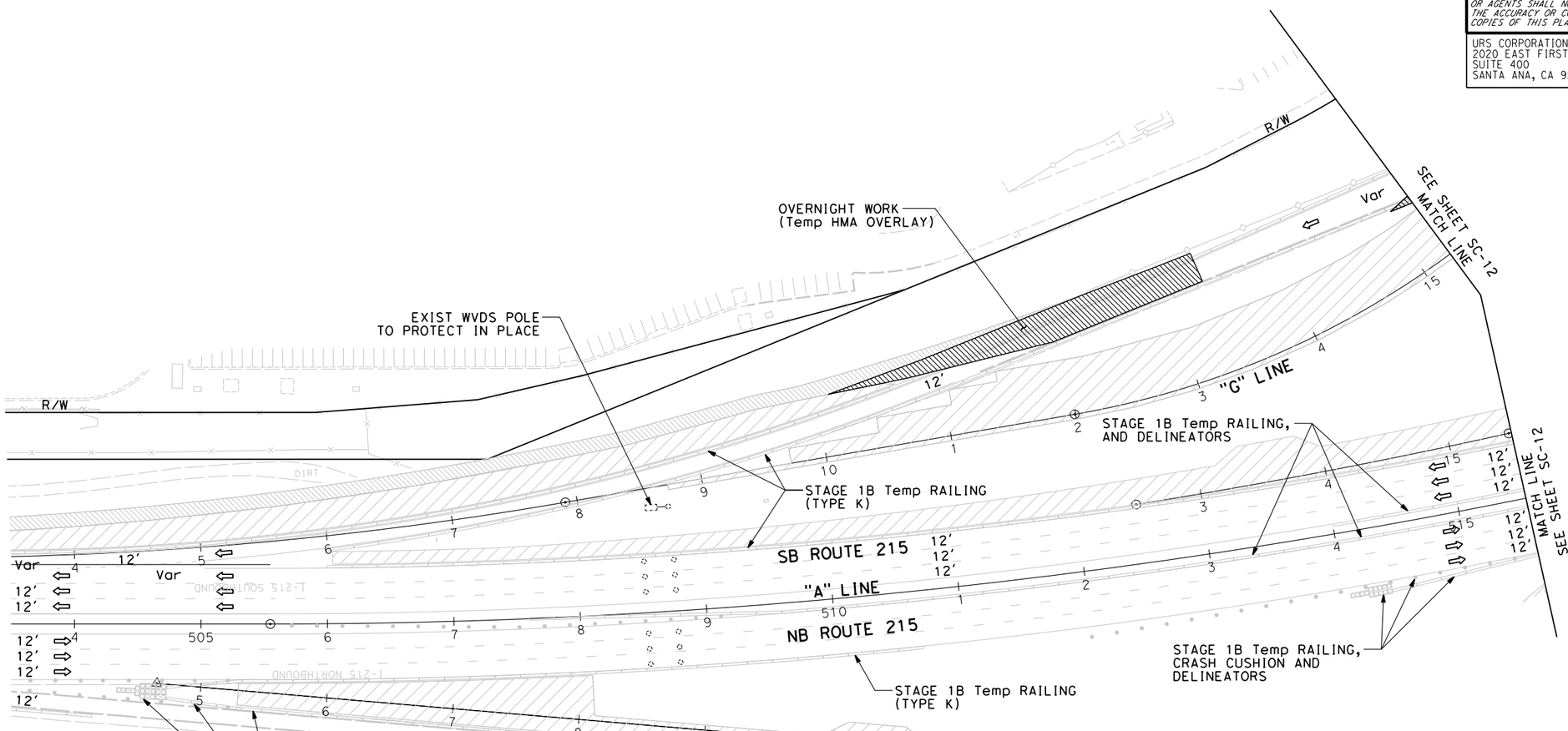
RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502

NOTE:

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



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1C)

SCALE 1"= 50'

SC-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND

REVISED BY	DATE REVISED

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 37 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:48:22 AM

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma011.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	164	475

04-15-14
REGISTERED CIVIL ENGINEER DATE

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

04-15-2014
PLANS APPROVAL DATE

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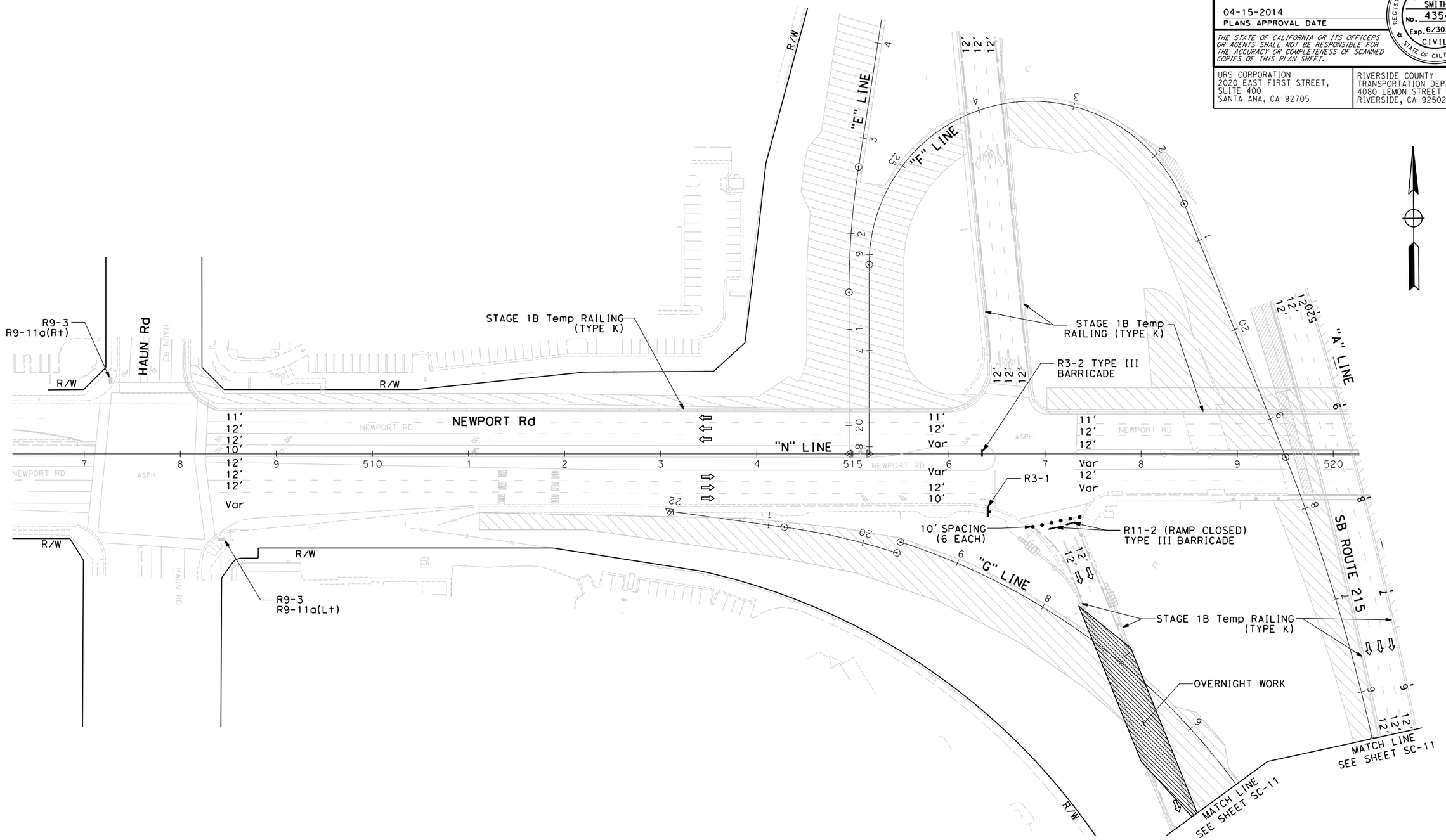
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1C)

SCALE 1"= 50'

SC-12

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 38 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:48:26 AM

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Gibbons

REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma012.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	165	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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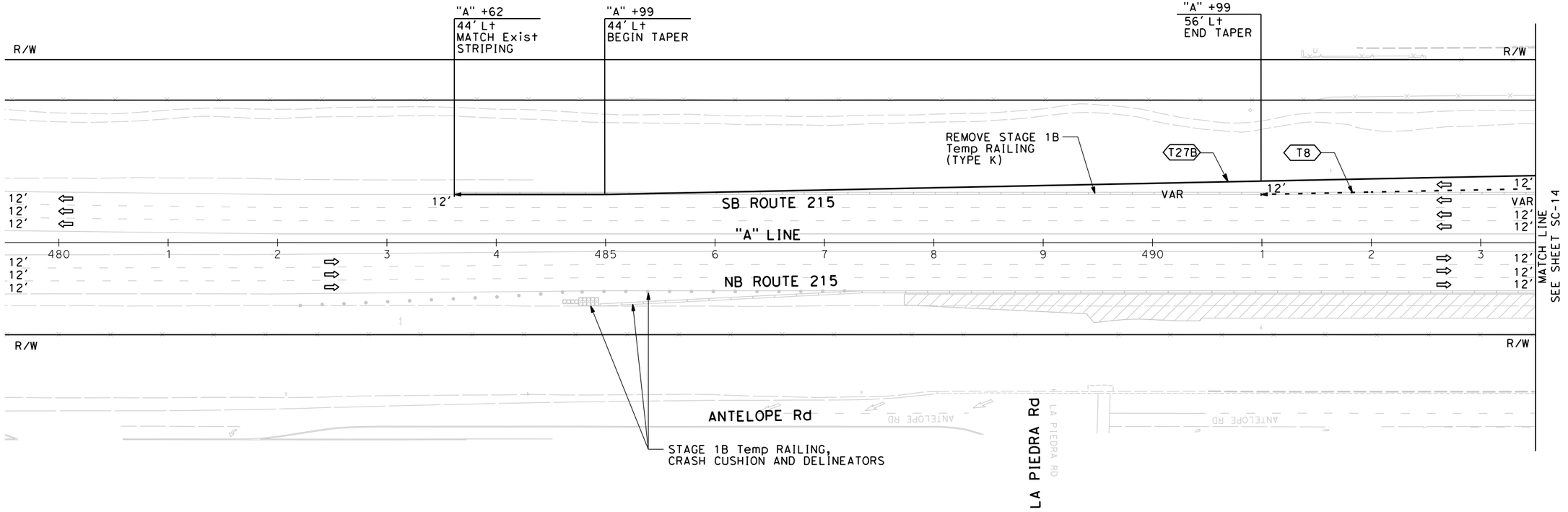
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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

NOTE:

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



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1D)

SCALE 1"= 50'

SC-13

REVISED BY	DATE REVISED
TERENCE HO	KEITH RAND

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 39 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:48:31 AM

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma013.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

NOTE:

FOR ACCURATE RIGHT OF WAY DATA, CONTACT
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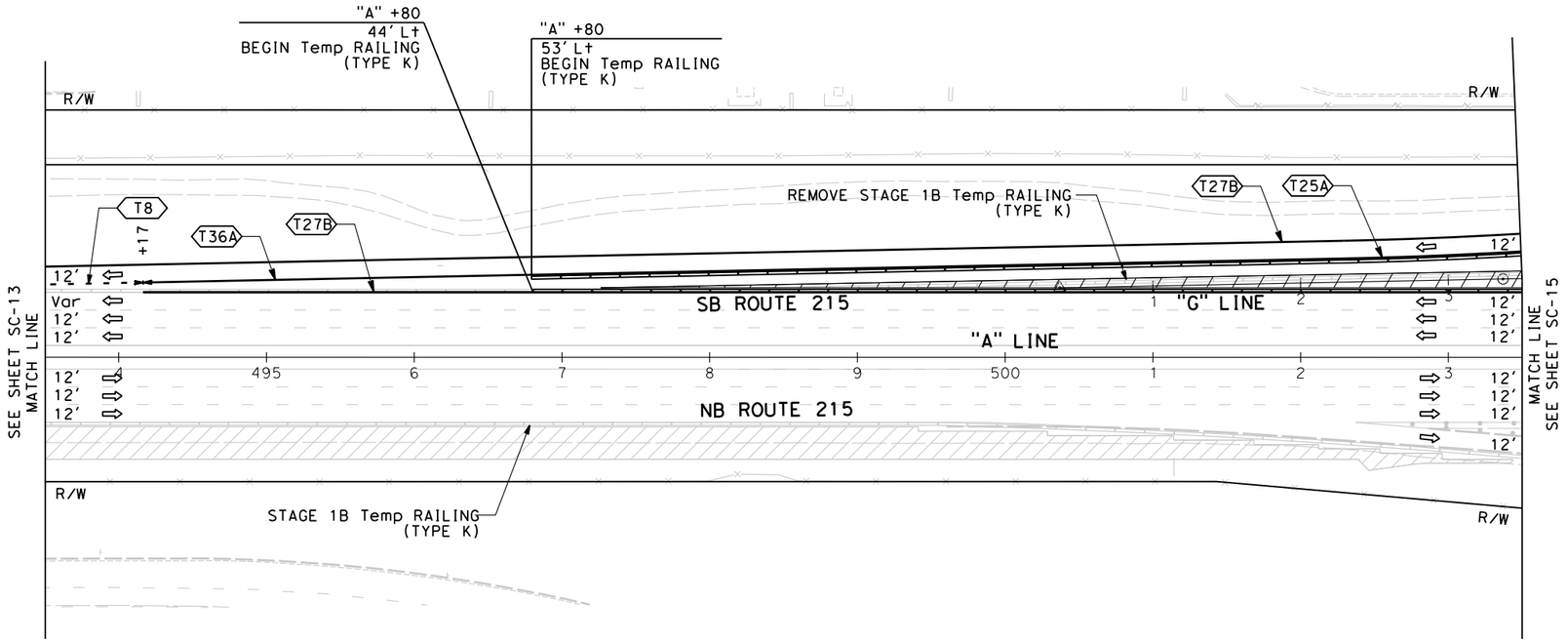

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	166	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 40 OF 115

REVISED BY | DATE REVISED
TERENCE HO | KEITH RAND
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR
JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1D)

SCALE 1"= 50'

SC-14

LAST REVISION | DATE PLOTTED => 11/6/2014
00-00-00 | TIME PLOTTED => 10:48:34 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma014.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	167	475

REGISTERED CIVIL ENGINEER — 04-15-14 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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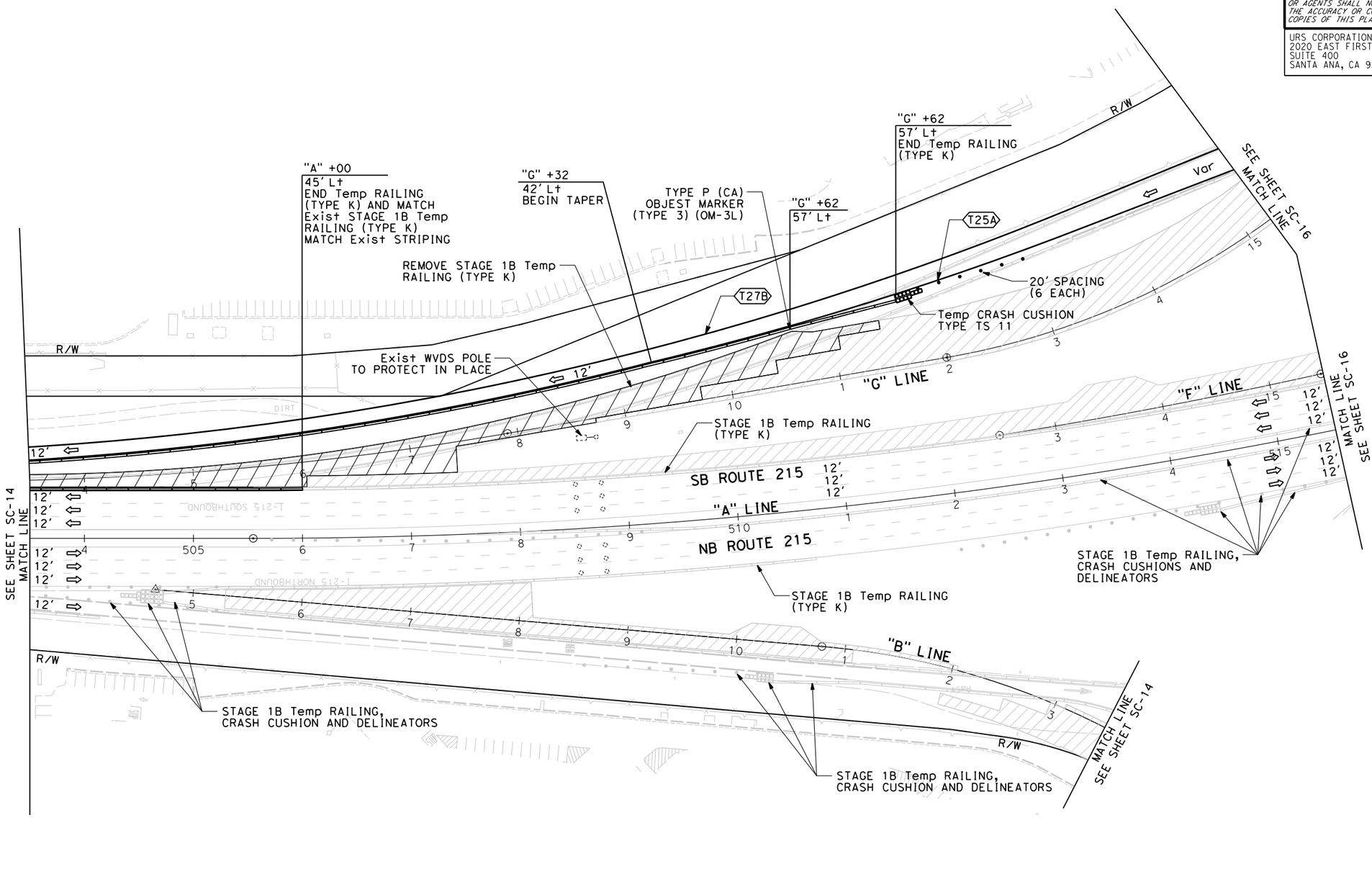
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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.



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1D)

SCALE 1"= 50'

SC-15

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 41 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:48:37 AM

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CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma015.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	168	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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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

SEE SHEET SC-17 MATCH LINE

THIS PORTION OF NEW RAMP SHALL BE CONSTRUCTED AFTER DEMOLITION OF Exist BRIDGE

FOR FINAL STRIPING SEE PD SHEETS

"E" LINE

"F" LINE

"E" +74
36' Lt
MATCH FINAL STRIPING

"N" +98
45' Lt
BEGIN REMOVE STAGE 1B
Temp RAILING (TYPE K)

REMOVE STAGE 1B Temp RAILING (TYPE K)

"N" +04
42' Lt
BEGIN REMOVE STAGE 1B
Temp RAILING (TYPE K)
END Temp RAILING
(TYPE K) AND MATCH
TO Exist STAGE 1B
Temp RAILING (TYPE K)

SEE SHEET SC-17 MATCH LINE

R9-3
R9-11a(Rt)

HAUN Rd

R/W

A L=100
T38
T9

STAGE 1B Temp RAILING (TYPE K)

LL
T27B

NEWPORT Rd

"N" LINE

CW

TYPE IV ARROW (4 EACH)
PM

T27B
T22
T9

R9-3
R9-11a(Lt)

"NB"
"FWY"
"ONLY"
PM

L=100 A

REMOVE CONFLICTING STRIPING

"G" LINE

"N" +03
42' Lt
BEGIN Temp RAILING
(TYPE K)
BEGIN REMOVE STAGE 1B
Temp RAILING
(TYPE K)

REMOVE CRASH CUSHION AND DELINEATORS FROM STAGE 1B

"G" +66
45' Lt
END TAPER

"G" +60
MATCH
Exist STRIPING

REMOVE STAGE 1B Temp RAILING (TYPE K)

STAGE 1B Temp RAILING (TYPE K)

"G" +11
MATCH
Exist STRIPING

T27B
T9
T25A

SB ROUTE 215

MATCH LINE SEE SHEET SC-15

MATCH LINE SEE SHEET SC-15

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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1D)

SCALE 1"= 50'

SC-16

REVISED BY: KEITH RAND
DATE REVISED:
CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY:
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:48:41 AM

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 42 OF 115

BORDER LAST REVISED 7/2/2010
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DGN FILE => ...\0800000301ma016.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	169	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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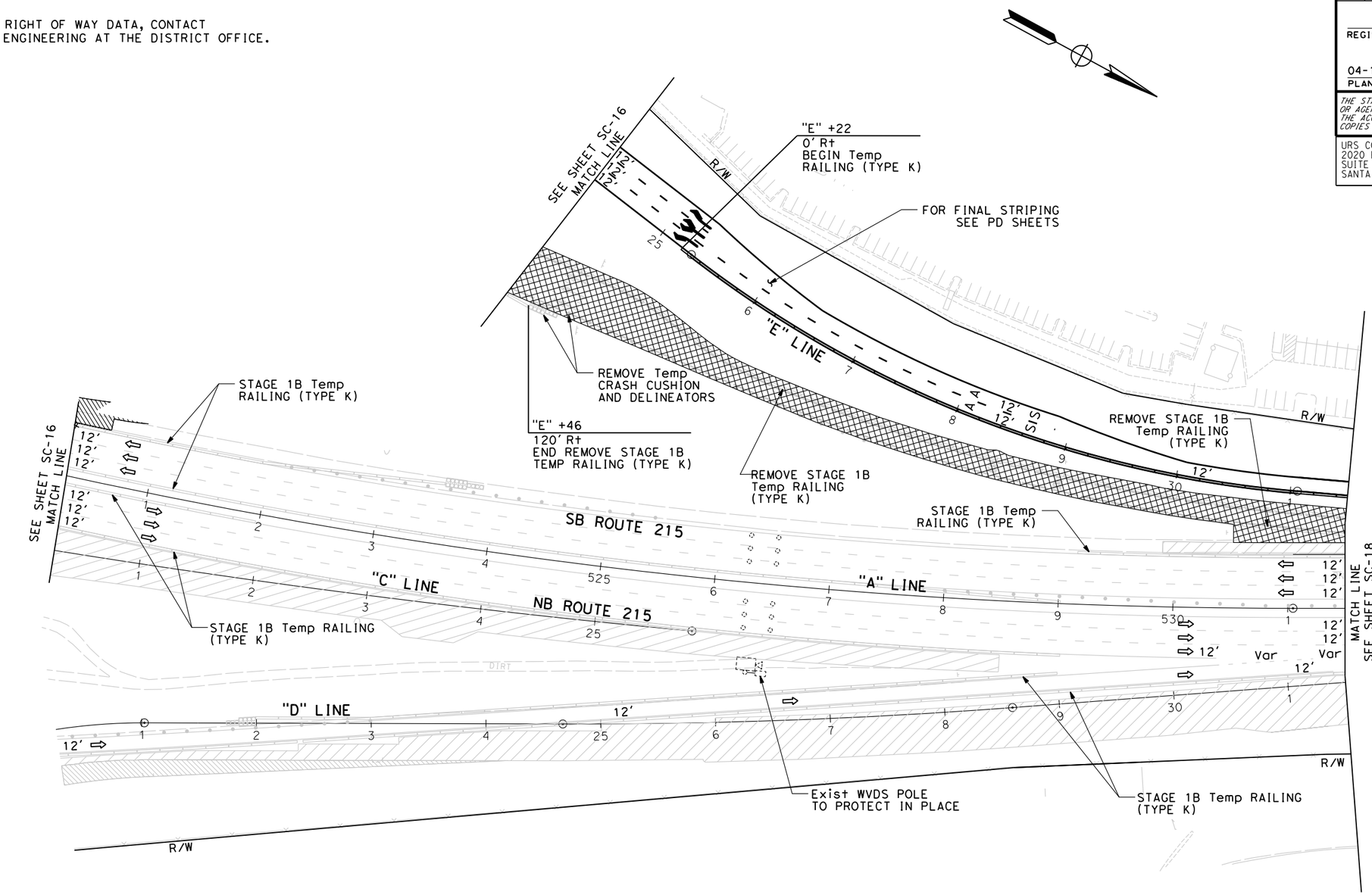
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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

NOTE:

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



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1D)

SCALE 1"= 50'

SC-17

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 43 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:48:47 AM

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CALCULATED-DESIGNED BY: TERENCE HO
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma017.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	170	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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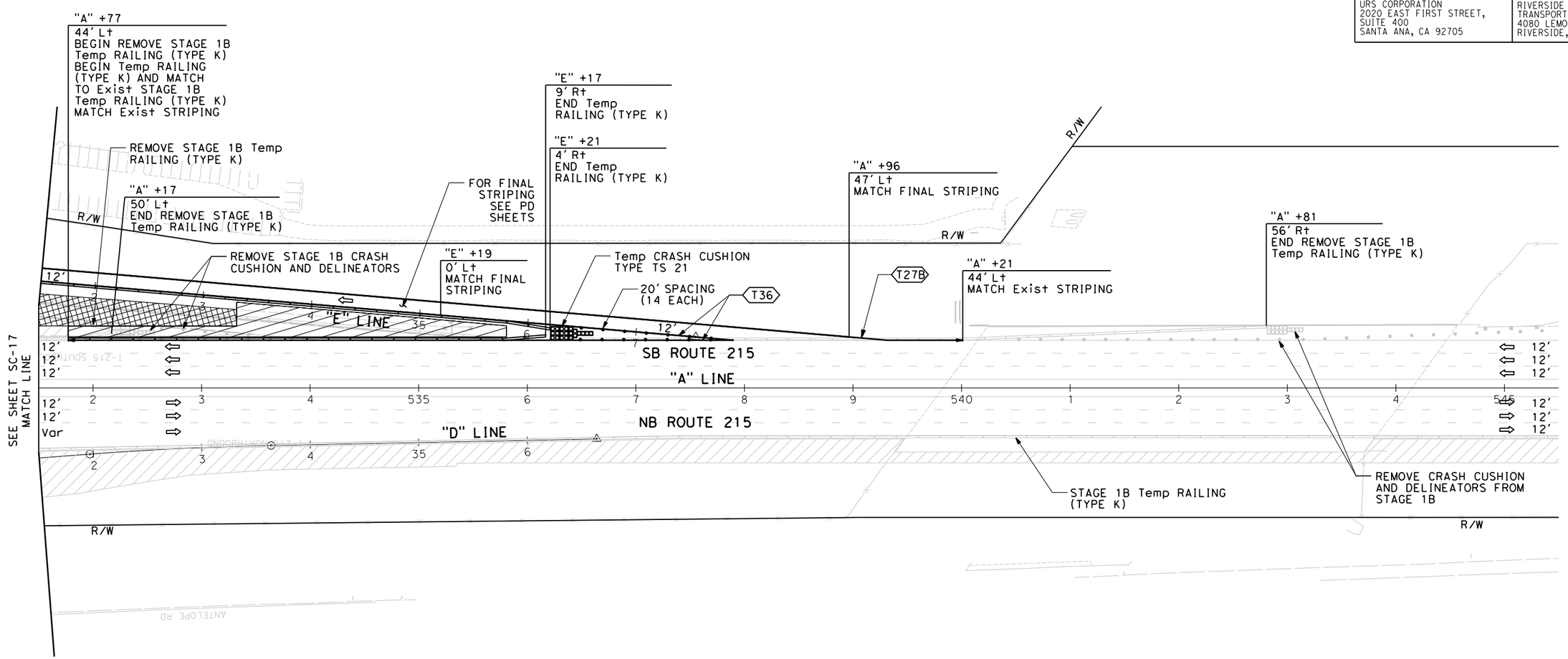
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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

NOTE:

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



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1D)

SCALE 1"= 50'

SC-18

REVISED BY	DATE REVISED
TERENCE HO	
KEITH RAND	

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Gibbons

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 44 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:48:53 AM

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma018.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	171	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
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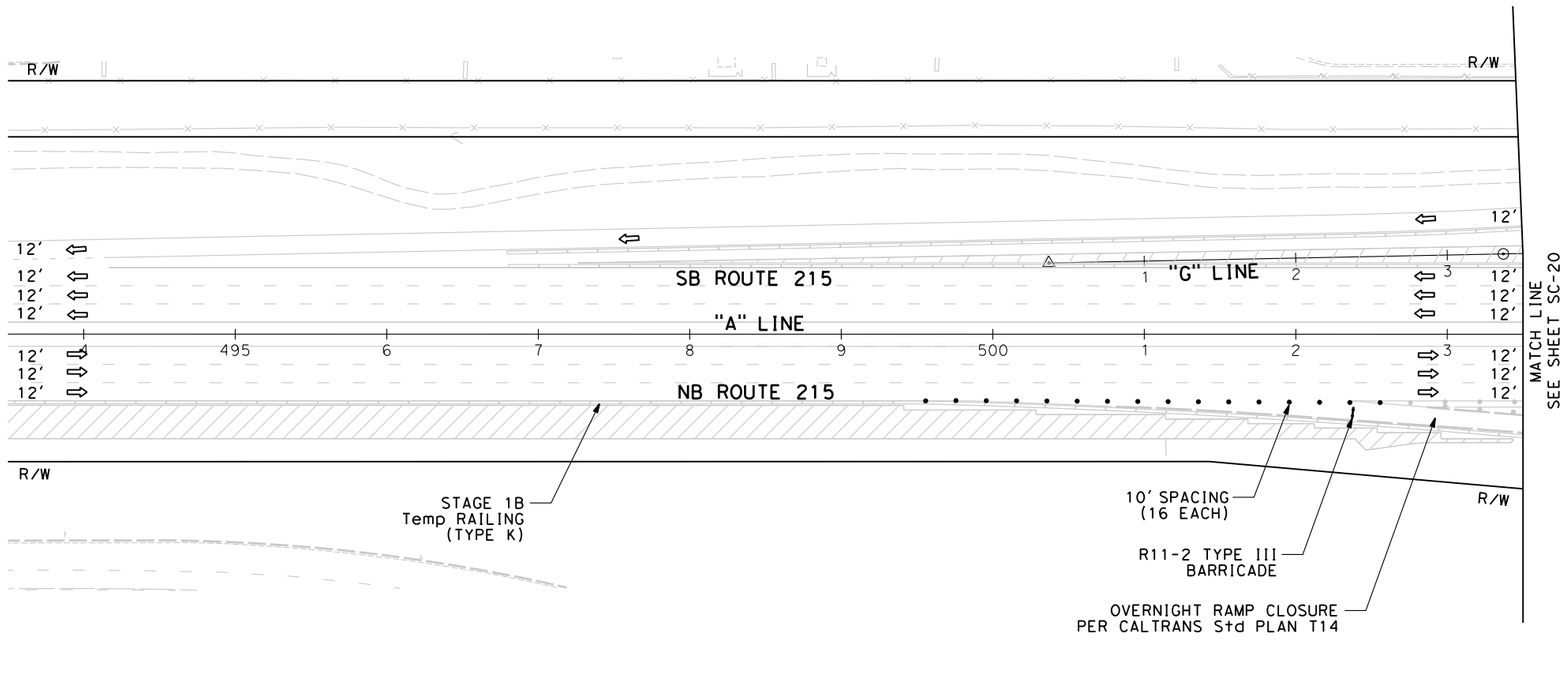
SUITE 400
SANTA ANA, CA 92705

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



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1E)

SCALE 1"= 50′

SC-19

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 45 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:48:56 AM

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma019.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	172	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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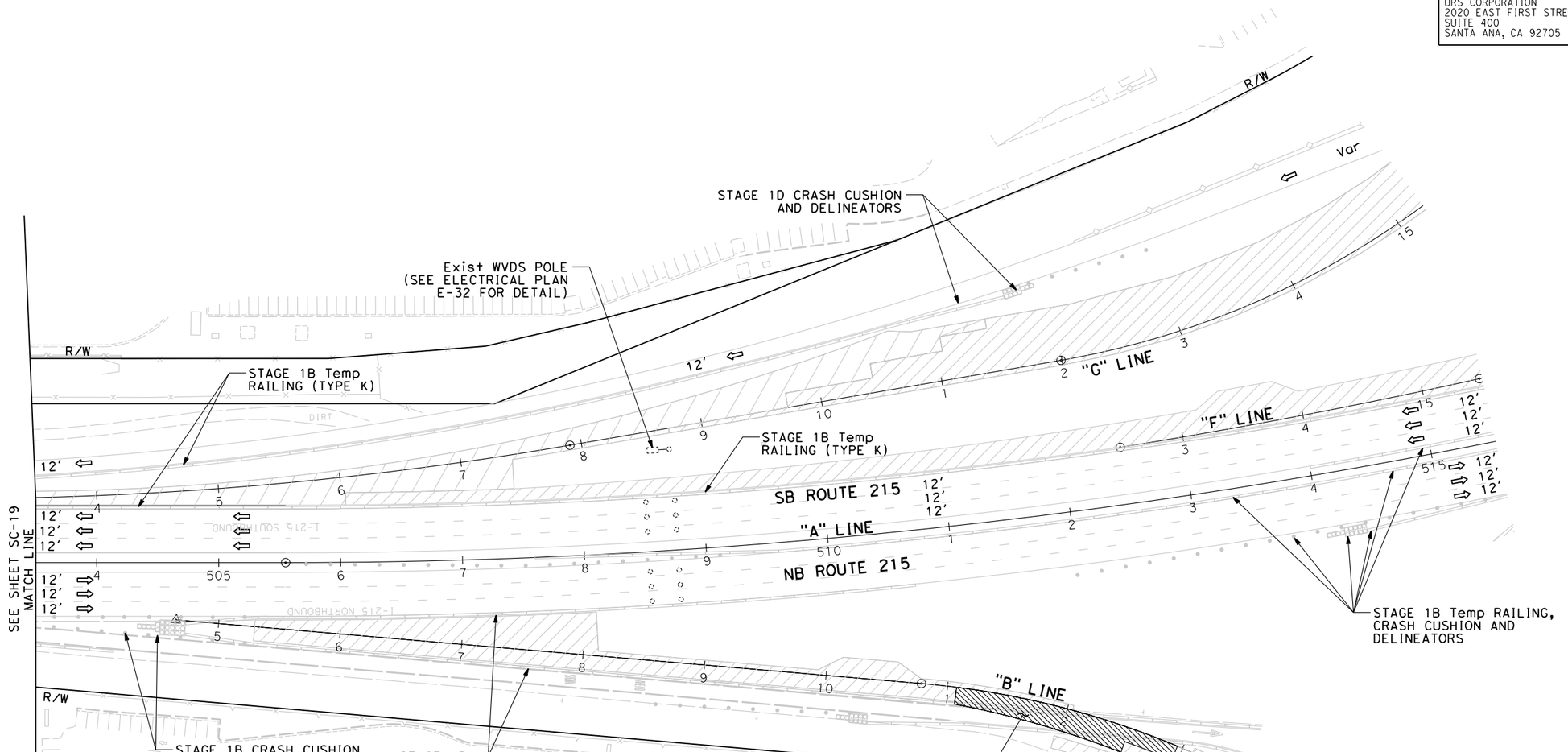
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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

NOTE:

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



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1E)

SCALE 1"= 50'

SC-20

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 46 OF 115

LAST REVISION DATE PLOTTED => 11/6/2014
00-00-00 TIME PLOTTED => 10:48:59 AM

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma020.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	173	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

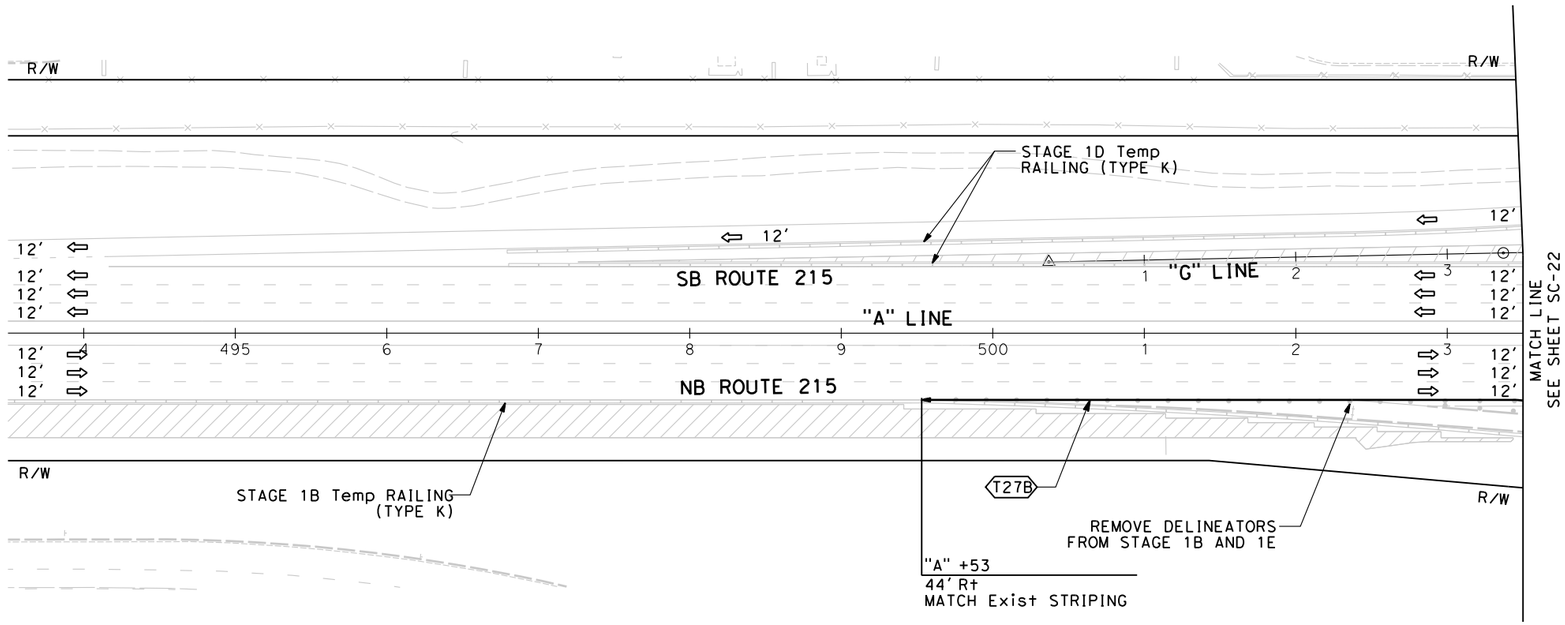
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1F)

SCALE 1"= 50′

SC-21

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 47 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:49:05 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

CALCULATED-DESIGNED BY: TERENCE HO

CHECKED BY: KEITH RAND

REVISED BY | DATE REVISED

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USERNAME => kent_ko
DGN FILE => ...\0800000301ma021.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	174	475

REGISTERED CIVIL ENGINEER — DATE: 04-15-14

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

04-15-2014
PLANS APPROVAL DATE

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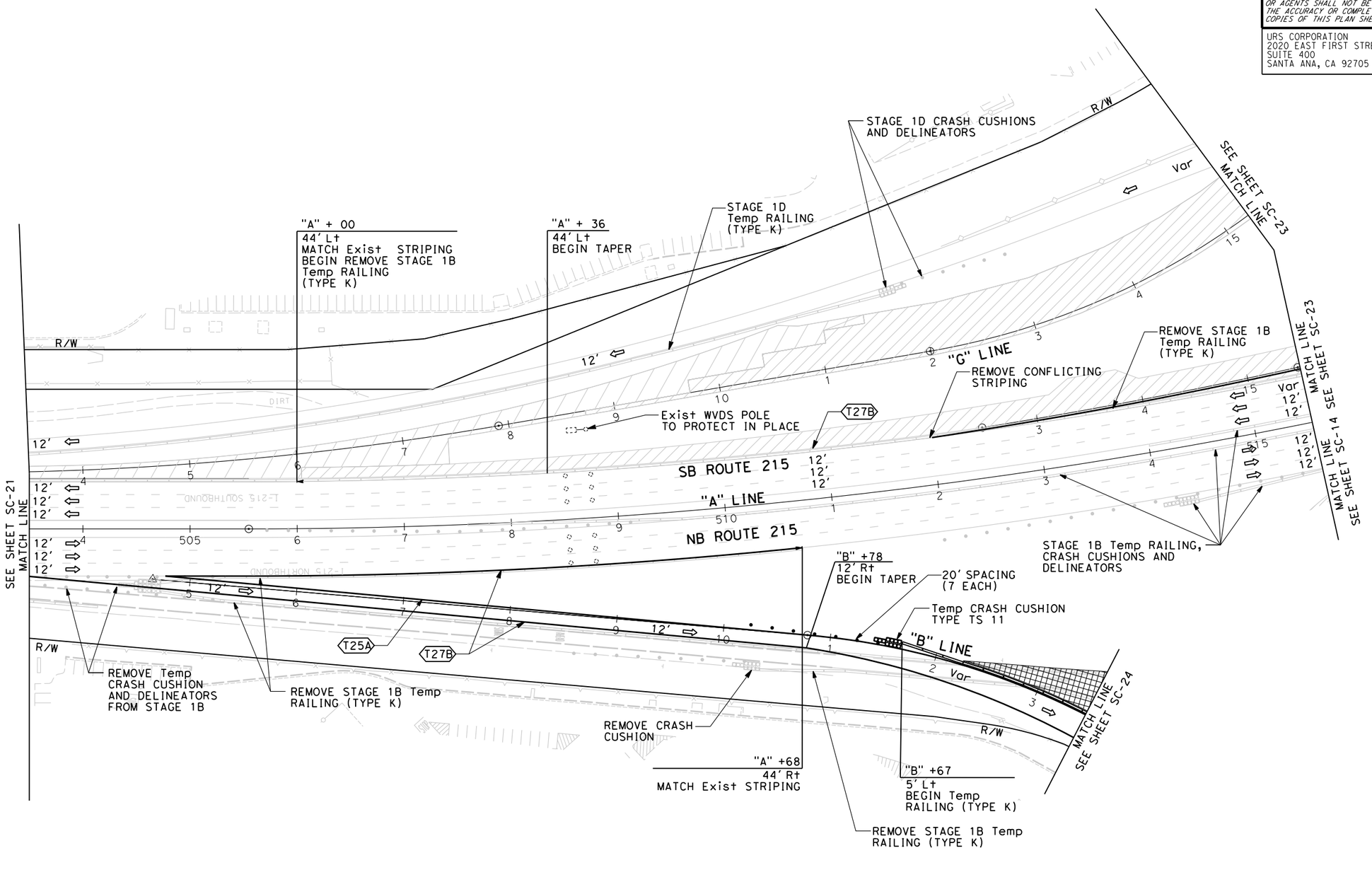
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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

NOTE:

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



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1F)

SCALE 1"= 50'

SC-22

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 48 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:49:08 AM

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: TERENCE HO
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CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 7/2/2010
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DGN FILE => ...\0800000301ma022.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	175	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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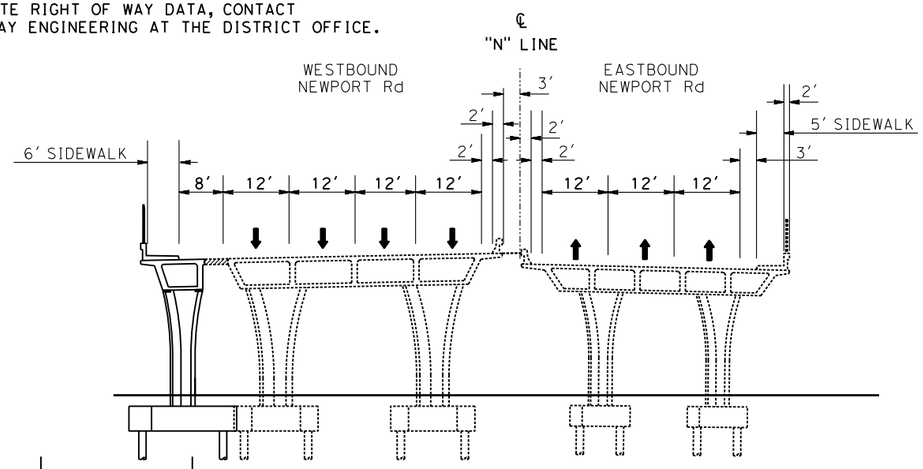
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

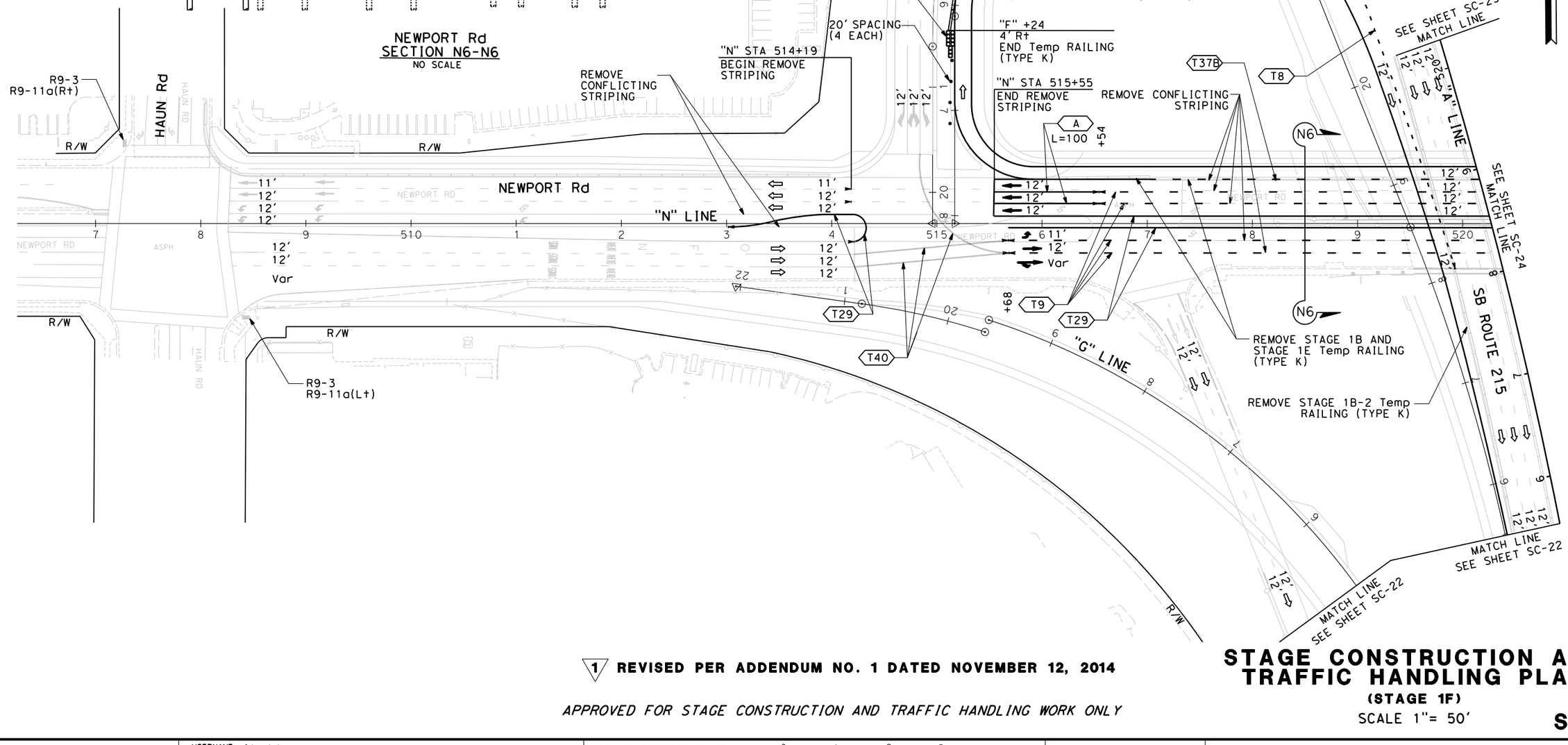
RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502

NOTE:

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



NEWPORT Rd
SECTION N6-N6
NO SCALE



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1F)

SCALE 1"= 50'

SC-23

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 49 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:49:13 AM

REVISED BY	DATE REVISED
TERENCE HO	KEITH RAND

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma023.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	176	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

SEE SHEET SC-25 MATCH LINE

REMOVE STAGE 1B Temp RAILING (TYPE K)

"D" +68
18' Rt
BEGIN Temp RAILING (TYPE K)

Temp CRASH CUSHION TYPE TS 11

20' SPACING (5 EACH)

"D" LINE

"A" LINE

STAGE 1B Temp RAILING (TYPE K)

REMOVE STAGE 1B Temp RAILING (TYPE K)

"N" +87
54' Lt

"N" +80
42' Lt

"N" +26
45' Lt
BEGIN REMOVE STAGE 1B Temp RAILING (TYPE K)

STAGE 1B Temp RAILING (TYPE K)

MATCH STAGE 1B STRIPING

NEWPORT Rd

"N" LINE

SEE SHEET SC-13 MATCH LINE

NB ROUTE 215

"C" LINE

REMOVE CONFLICTING STRIPING

"N" +26
60' Rt
BEGIN Temp RAILING (TYPE K)

MATCH LINE SEE SHEET SC-22

THIS PORTION OF NEW RAMP SHALL BE CONSTRUCTED AFTER DEMOLITION OF Exist BRIDGE

"B" LINE

"N" +63
57' Rt
END Temp RAILING (TYPE K)

FOR FINAL STRIPING SEE PD SHEETS

"B" +06
1' Lt
END Temp RAILING (TYPE K)
MATCH FINAL STRIPING

MATCH LINE SEE SHEET SC-22

Temp HMA CURB RAMP

REMOVE STAGE 1B Temp RAILING (TYPE K)

"B" +00
MATCH FINAL STRIPING

TYPE IV (L) ARROW (3 EACH)

TYPE IV (L) ARROW (6 EACH)

ANTELOPE Rd

R9-11a

PM TYPE I 18' ARROW
PM TYPE IV (L) ARROW
PM TYPE I 18' ARROW
PM TYPE II (R) ARROW
PM TYPE I 18' ARROW
PM TYPE III (L) ARROW
PM TYPE II B ARROW
PM TYPE III (R) ARROW
PM TYPE I 18' ARROW
PM TYPE I 18' ARROW
PM TYPE IV (L) ARROW
PM TYPE I 18' ARROW

T25A T27B T37B T9 T40 T22 T38A T29 T38 LL CW A

R/W

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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1F)

SCALE 1"= 50'

SC-24

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 50 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:49:16 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN | CALCULATED-DESIGNED BY: KEITH RAND | CHECKED BY: TERENCE HO | REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma024.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	177	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

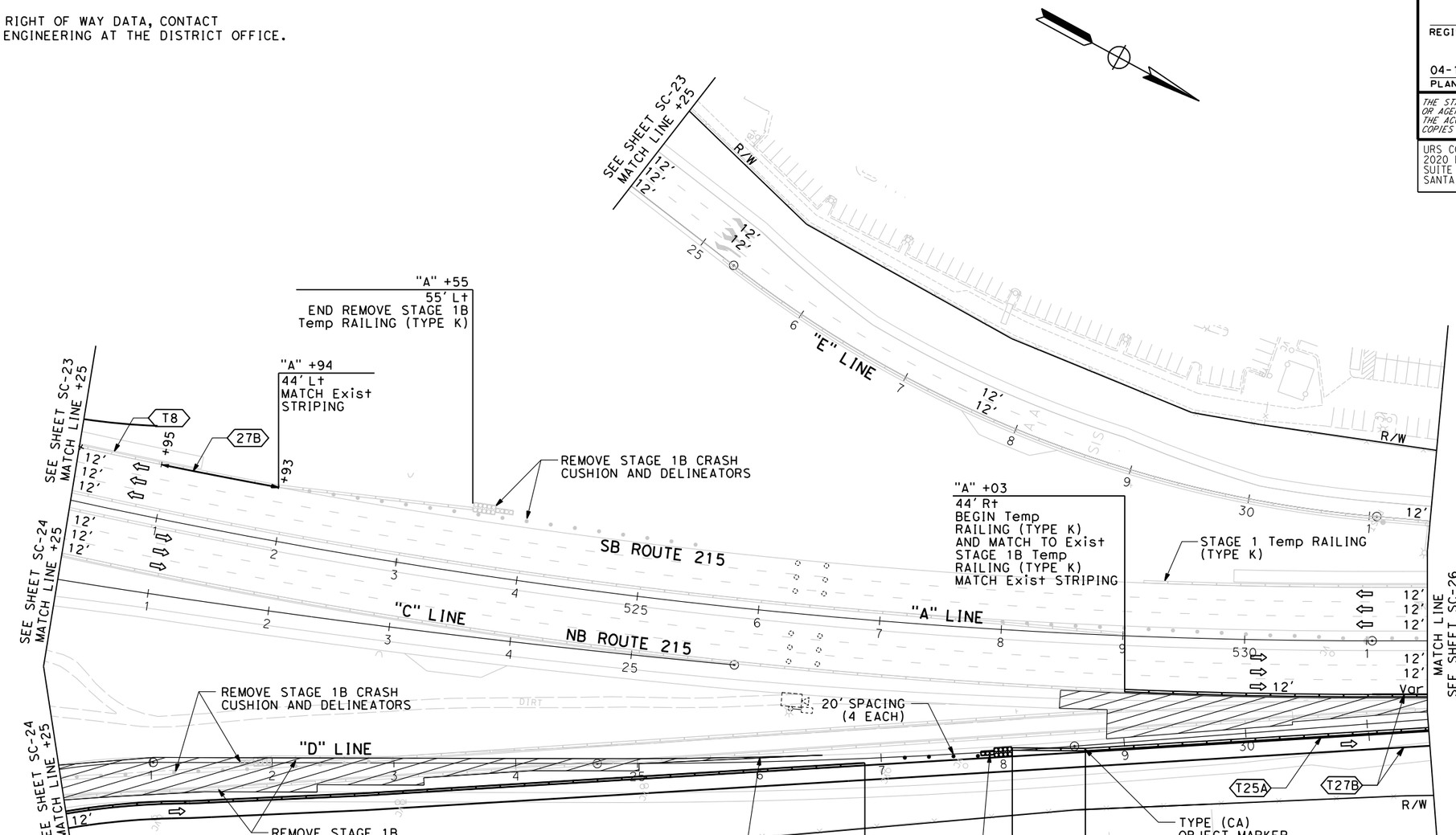
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1F)

SCALE 1"= 50'

SC-25

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 51 OF 115

LAST REVISION 00-00-00 — DATE PLOTTED => 11/6/2014 — TIME PLOTTED => 10:49:20 AM

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Gibbs

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma025.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	178	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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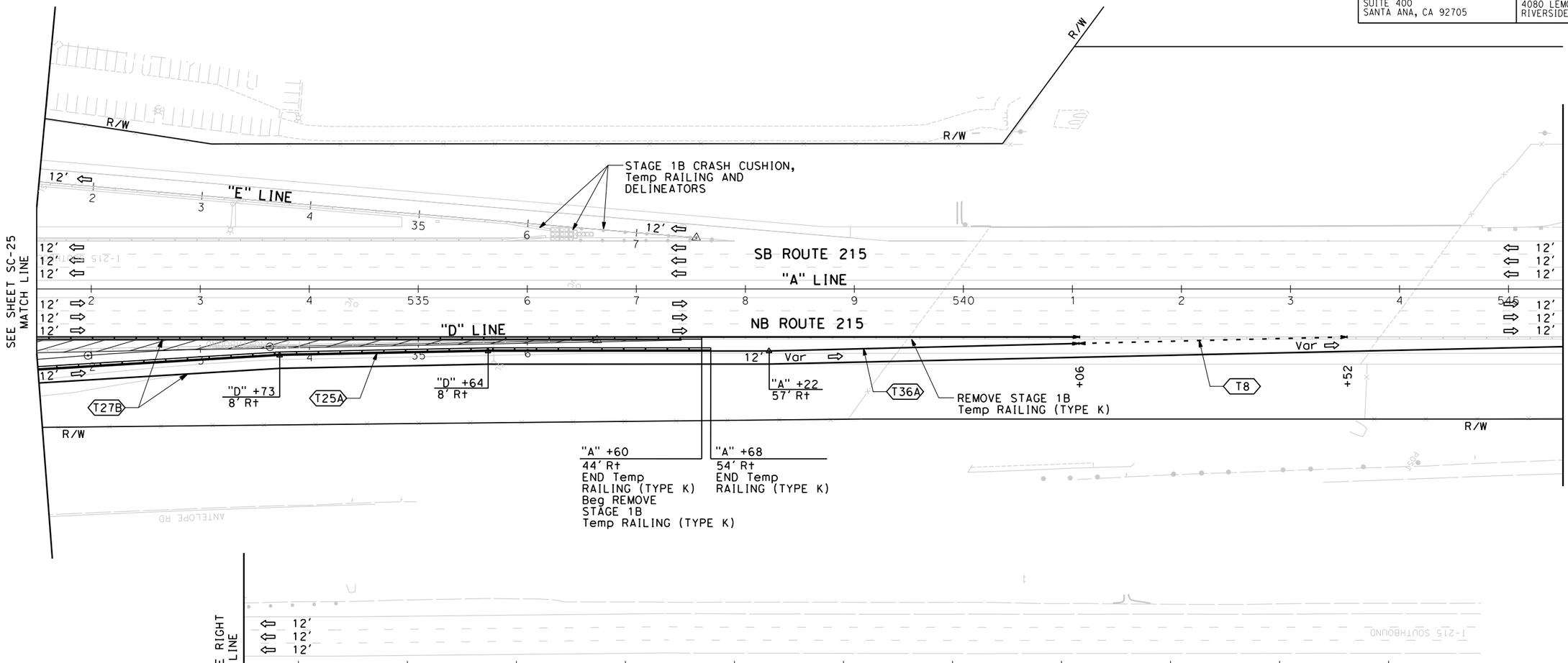
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 1F)

SCALE 1"= 50′

SC-26

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: KEITH RAND
CHECKED BY: TERENCE HO
REVISED BY | DATE REVISED

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 52 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:49:23 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma026.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	179	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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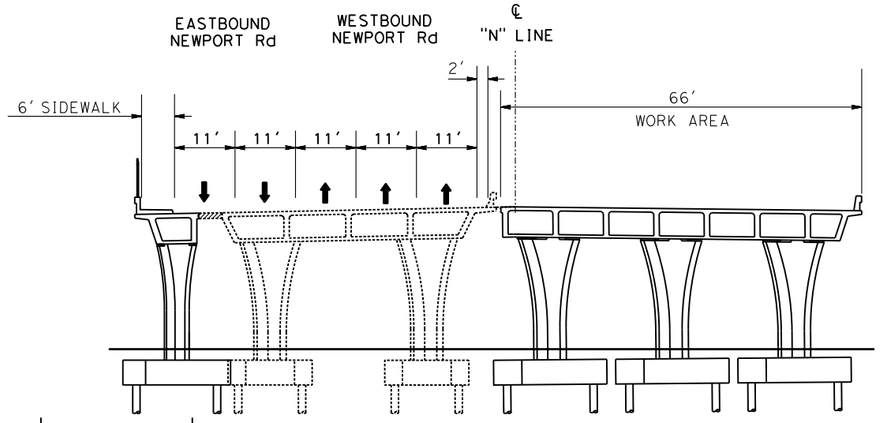
URS CORPORATION
2020 EAST FIRST STREET, SUITE 400
SANTA ANA, CA 92705

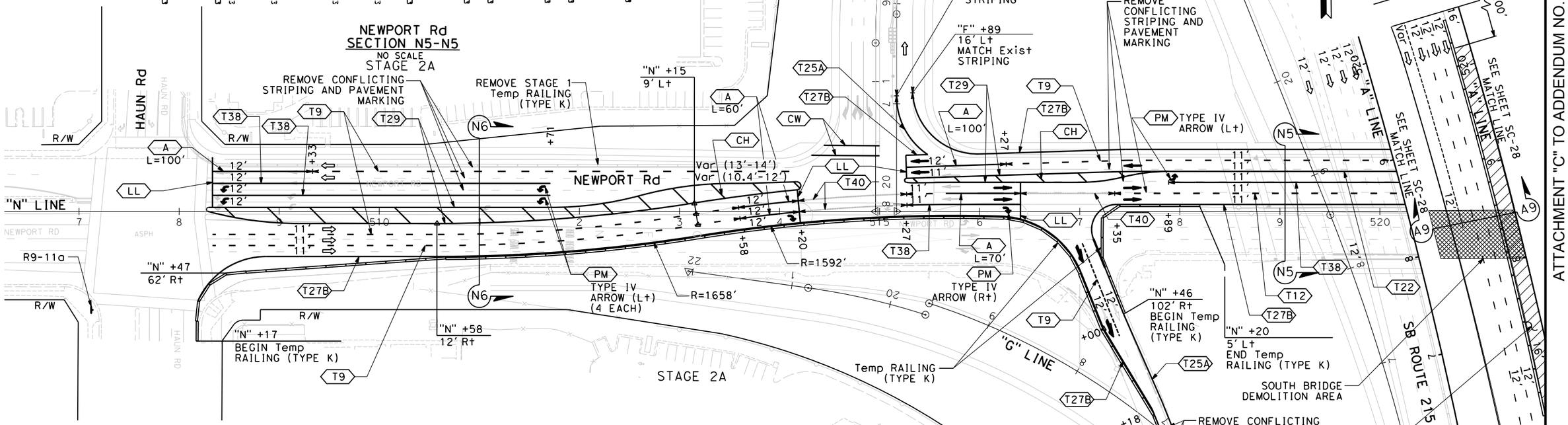
RIVERSIDE COUNTY TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502

NOTE:

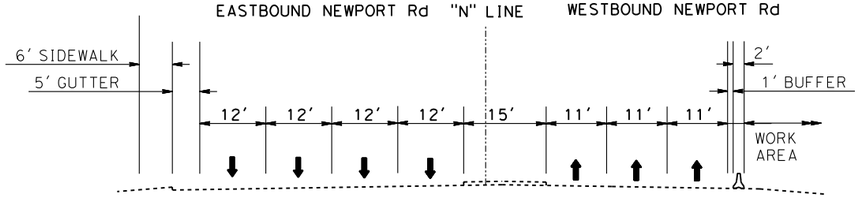
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



NEWPORT Rd
SECTION N5-N5
NO SCALE
STAGE 2A

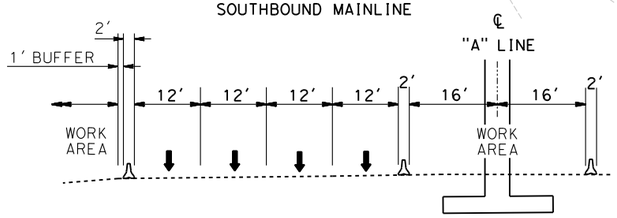


℄ EASTBOUND NEWPORT Rd "N" LINE WESTBOUND NEWPORT Rd



NEWPORT Rd
SECTION N6-N6
NO SCALE
STAGE 2A

SOUTHBOUND MAINLINE



I-215
SECTION A9-A9
NO SCALE
STAGE 2A-1

STAGE 2A-1
NO SCALE
(NOTE: STAGE 2A-1 IS TO BE CONSTRUCTED AFTER STAGE 2A)

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN
(STAGE 2A-1 AND 2A)
SCALE 1"= 50'

SC-27

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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 53 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 3:13:23 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN | CALCULATED-DESIGNED BY: TERENCE HO | CHECKED BY: KEITH RAND | REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma027.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	180	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

REVISED BY	DATE REVISED
TERENCE HO	KEITH RAND

CALCULATED-DESIGNED BY — CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR — JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

NOTE:

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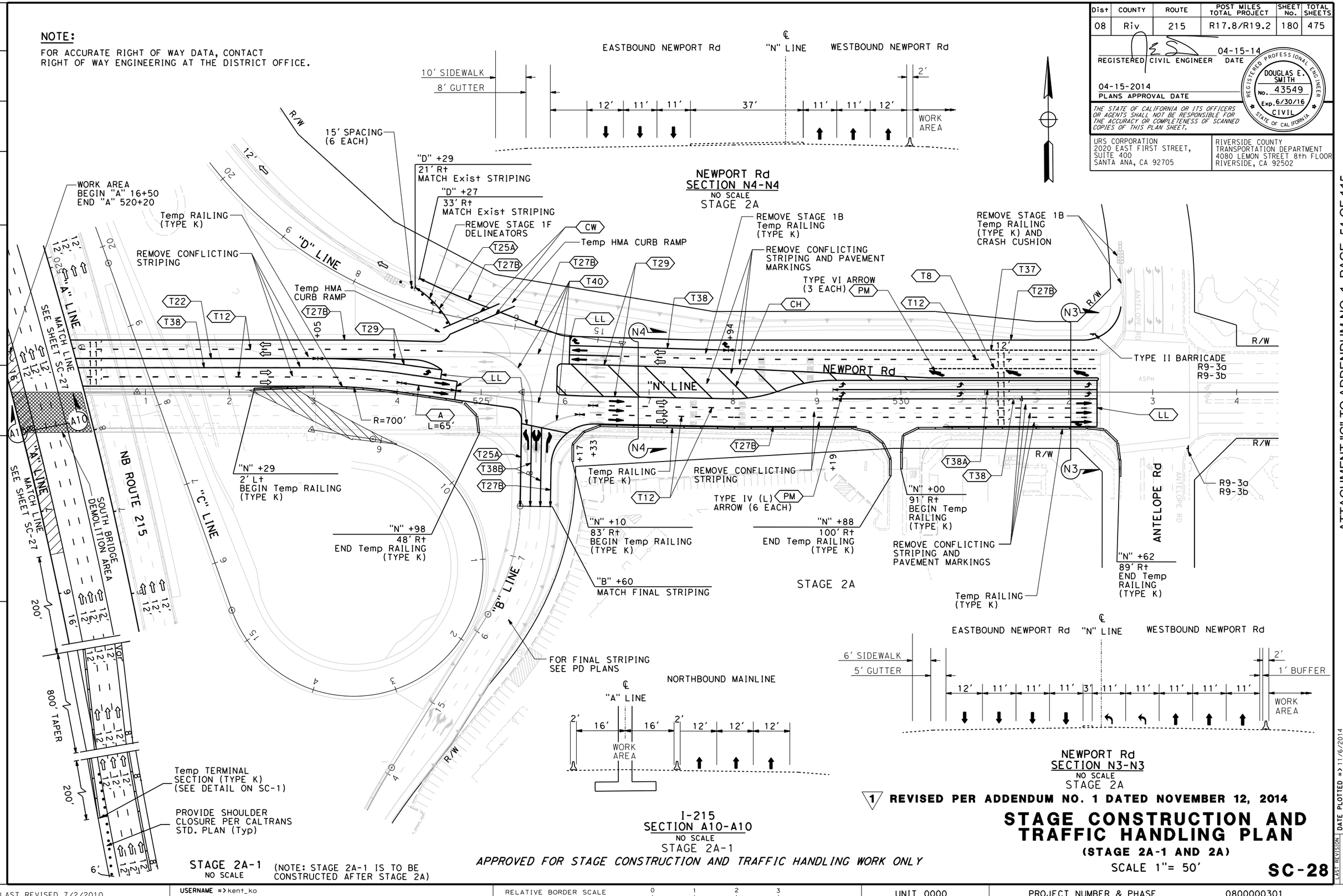


1 REVISED PER ADDENDUM NO. 1 DATED NOVEMBER 12, 2014

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 2A-1 AND 2A)

SCALE 1"= 50'

SC-28

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 54 OF 115

LAST REVISION 00-00-00 — DATE PLOTTED => 11/6/2014 — TIME PLOTTED => 3:10:09 PM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma028.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	181	475

04-15-14
REGISTERED CIVIL ENGINEER DATE

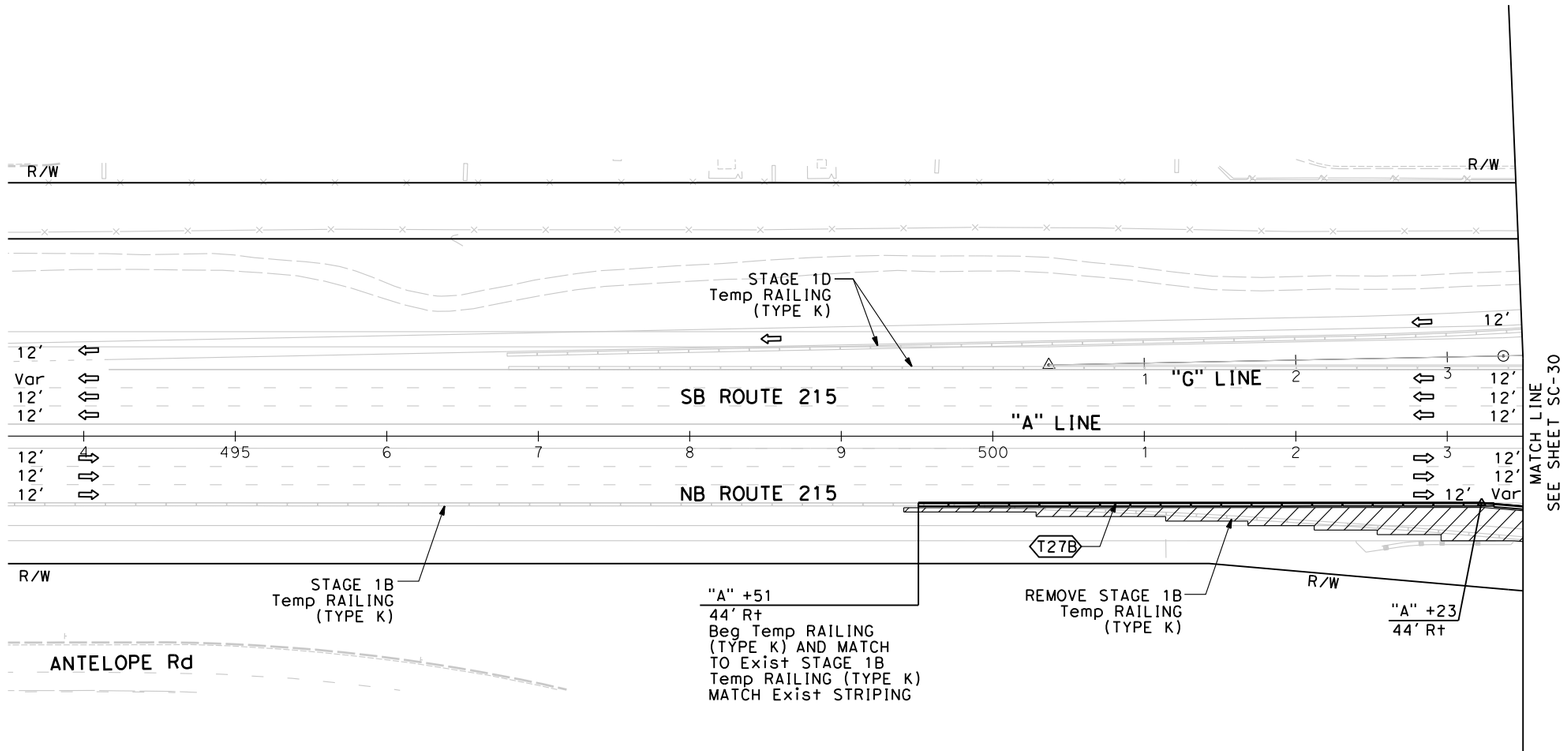
REGISTERED PROFESSIONAL ENGINEER
DOUGLAS E. SMITH
No. 43549
Exp. 6/30/16
CIVIL
STATE OF CALIFORNIA

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 STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 2B)

SCALE 1"= 50′

SC-29

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 55 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:49:40 AM

REVISED BY	DATE REVISED
TERENCE HO	KEITH RAND

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma029.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	182	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

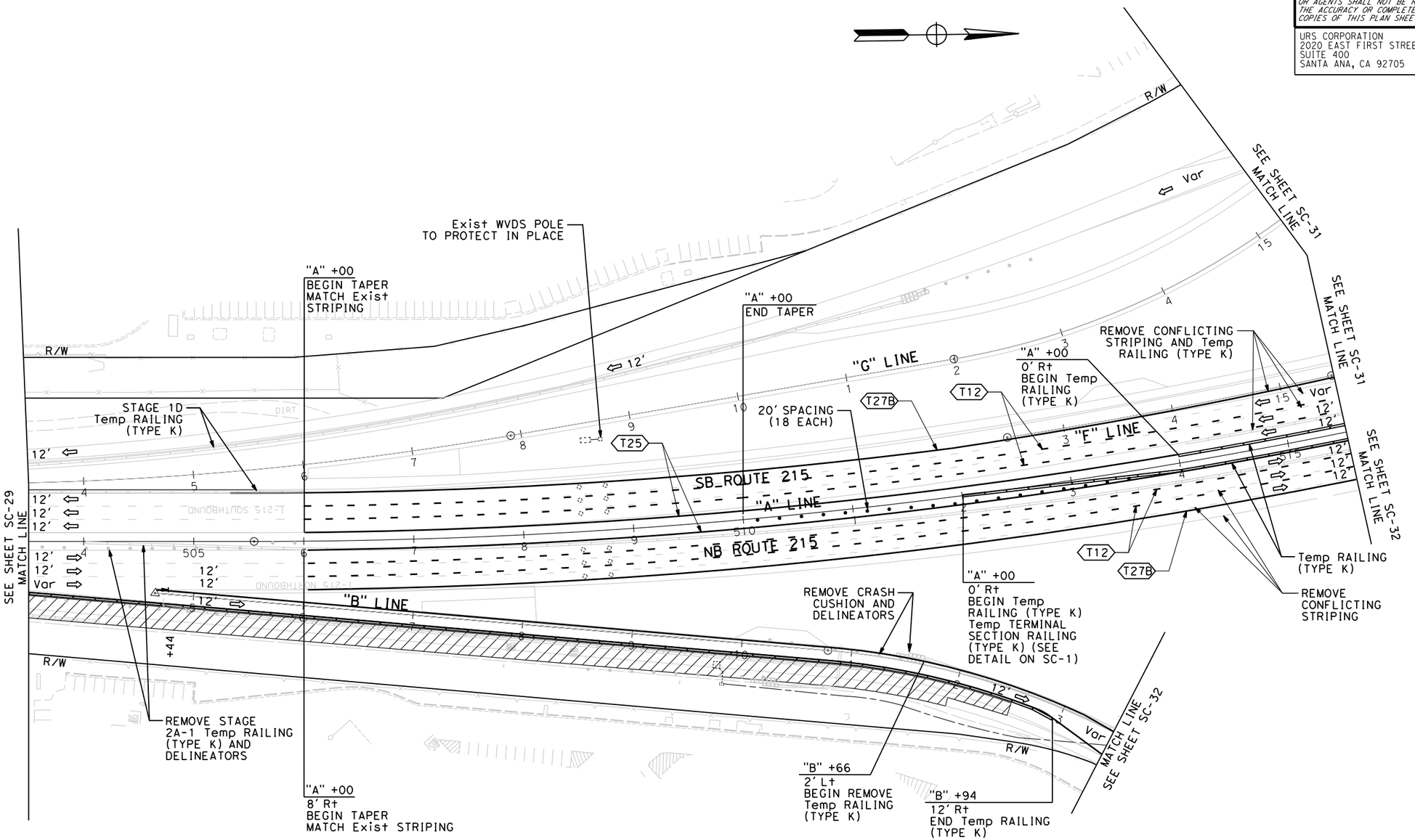
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 2B)

SCALE 1"= 50'

SC-30

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 56 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:49:44 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN | CALCULATED-DESIGNED BY: TERENCE HO | CHECKED BY: KEITH RAND | REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma030.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	183	475

REGISTERED CIVIL ENGINEER — DATE: 04-15-14

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

04-15-2014
PLANS APPROVAL DATE

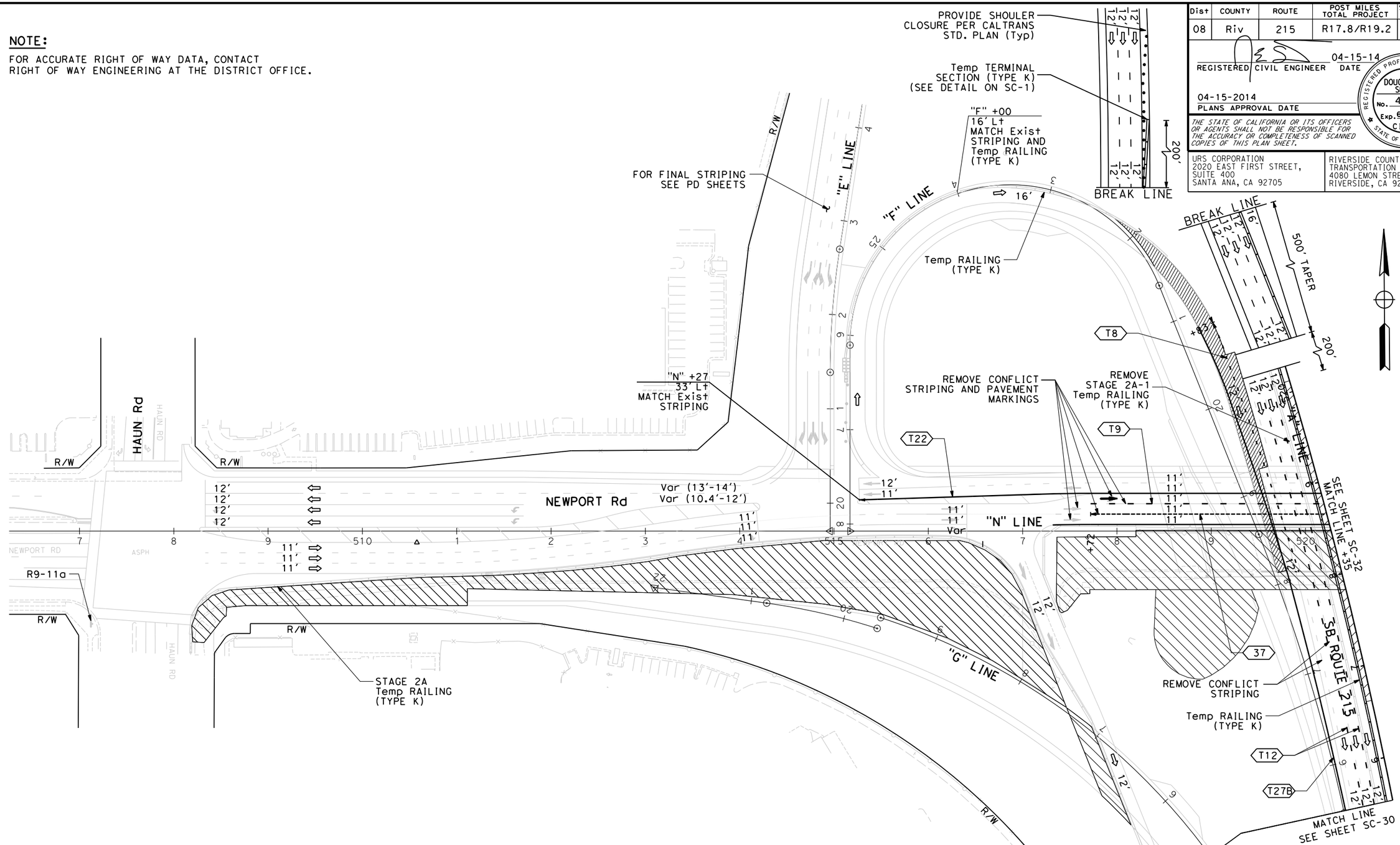
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 2B)

SCALE 1"= 50'

SC-31

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 57 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:49:51 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN | CALCULATED-DESIGNED BY: TERENCE HO | CHECKED BY: KEITH RAND | REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma031.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	184	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

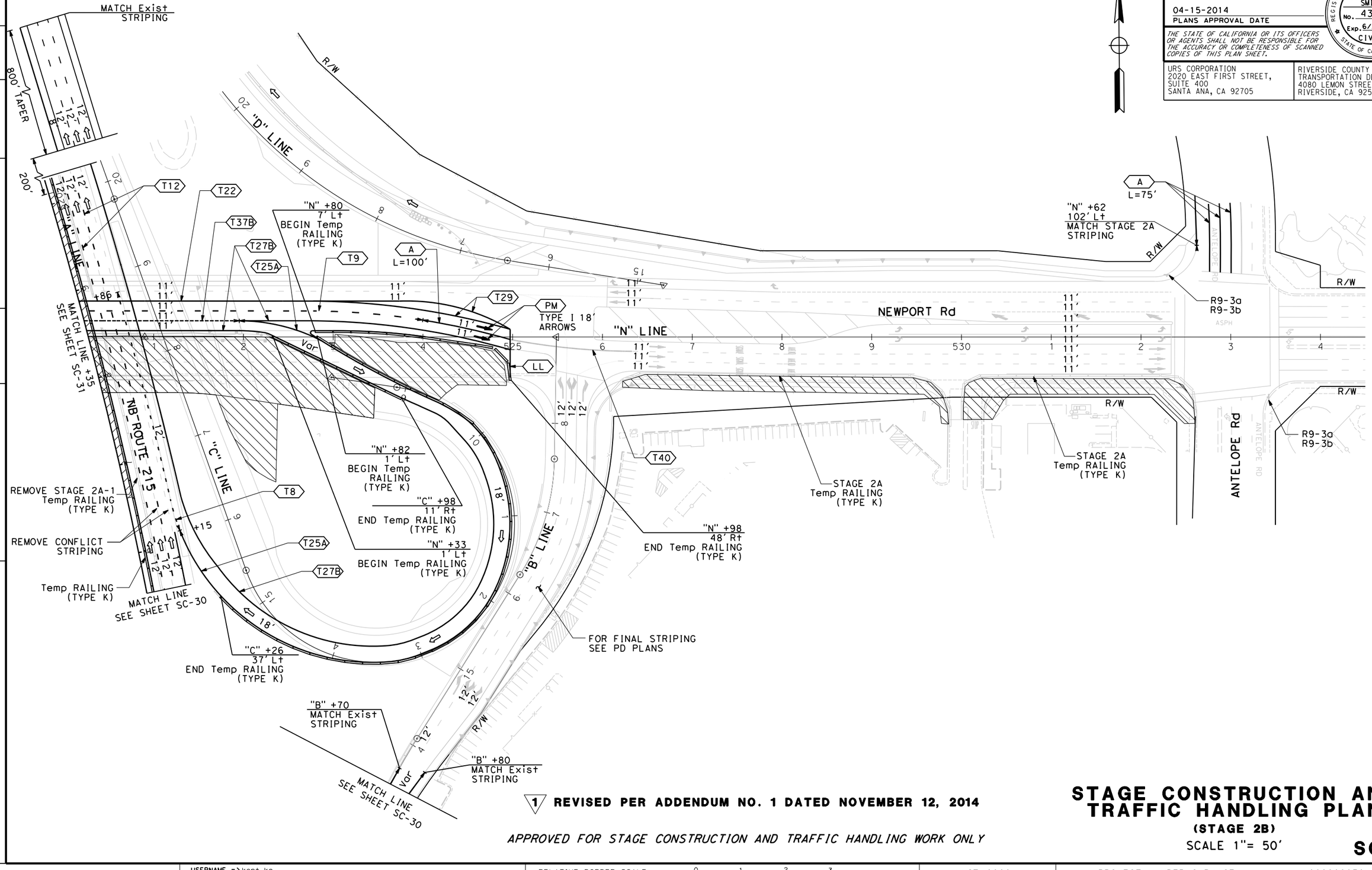
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 2B)

SCALE 1"= 50'

SC-32

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

CALCULATED-DESIGNED BY: TERENCE HO

CHECKED BY: KEITH RAND

REVISED BY	DATE REVISED

LAST REVISION: 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:49:55 AM

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 58 OF 115

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma032.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	185	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

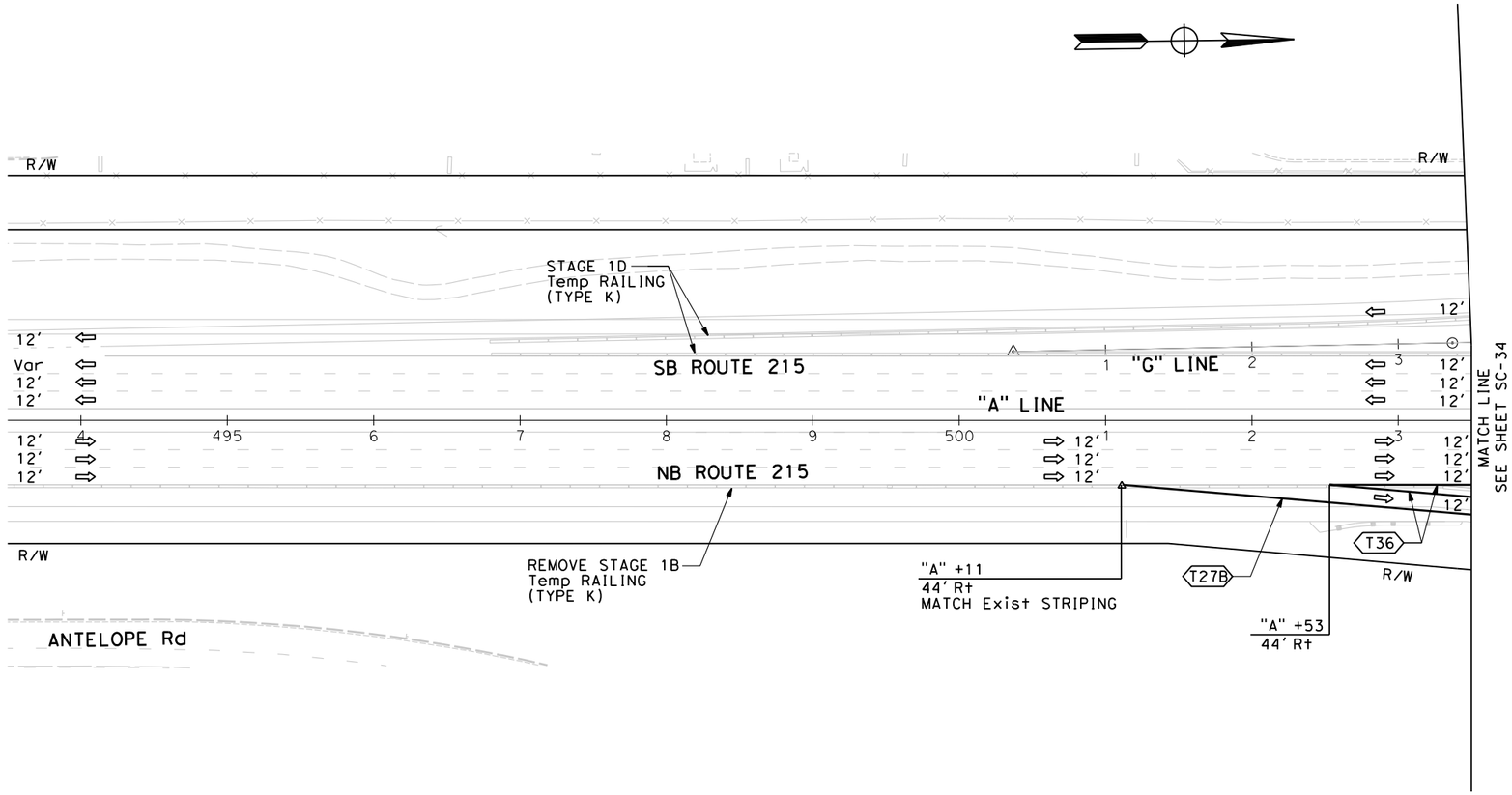
DOUGLAS E. SMITH No. 43549 Exp. 6/30/16 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

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


R/W
R/W
STAGE 1D
Temp RAILING
(TYPE K)
12′
Var
12′
12′
SB ROUTE 215
"G" LINE
"A" LINE
12′
12′
12′

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	186	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

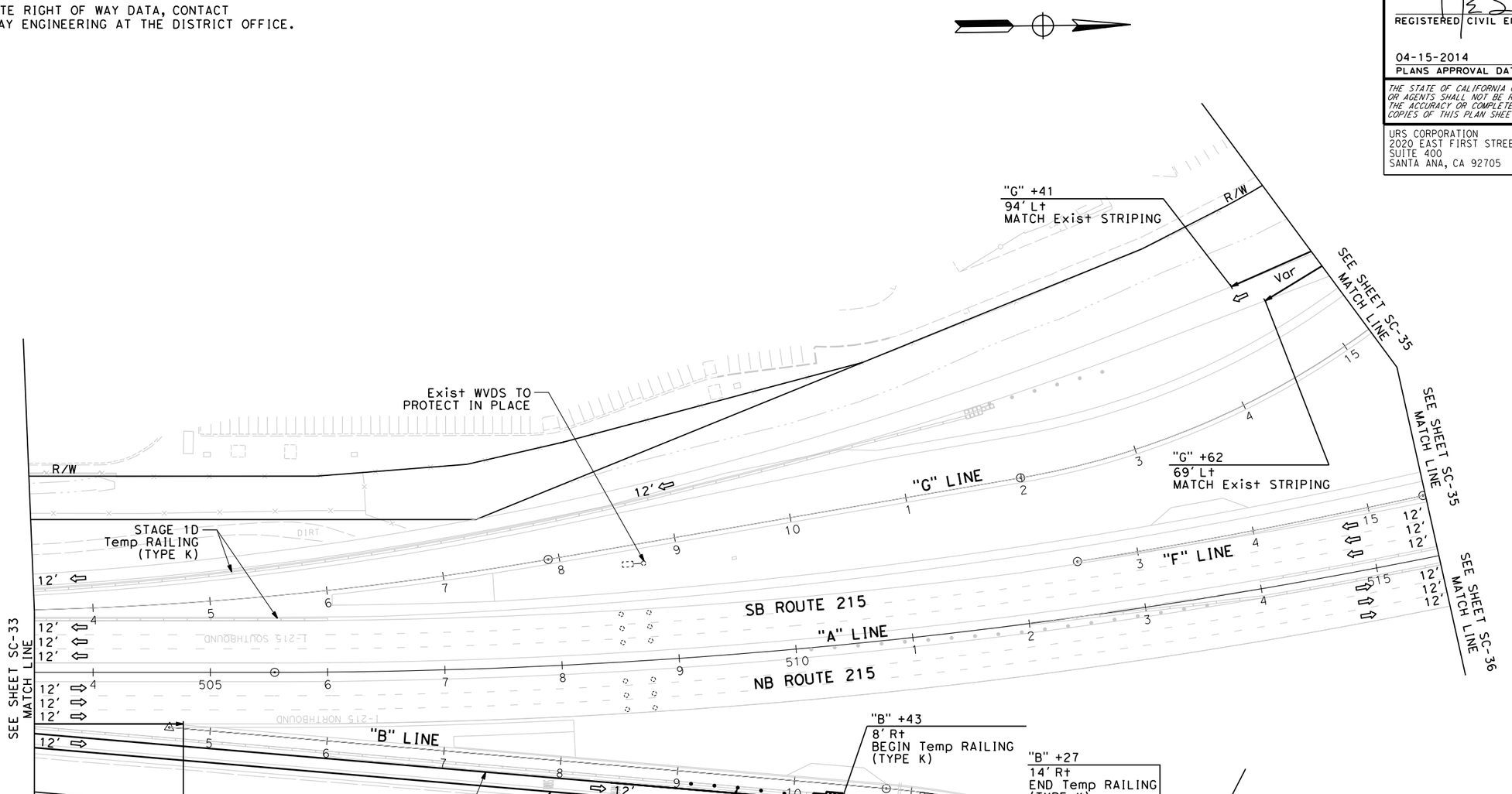
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 2C)

SCALE 1"= 50'

SC-34

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 60 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:50:04 AM

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma034.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	187	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

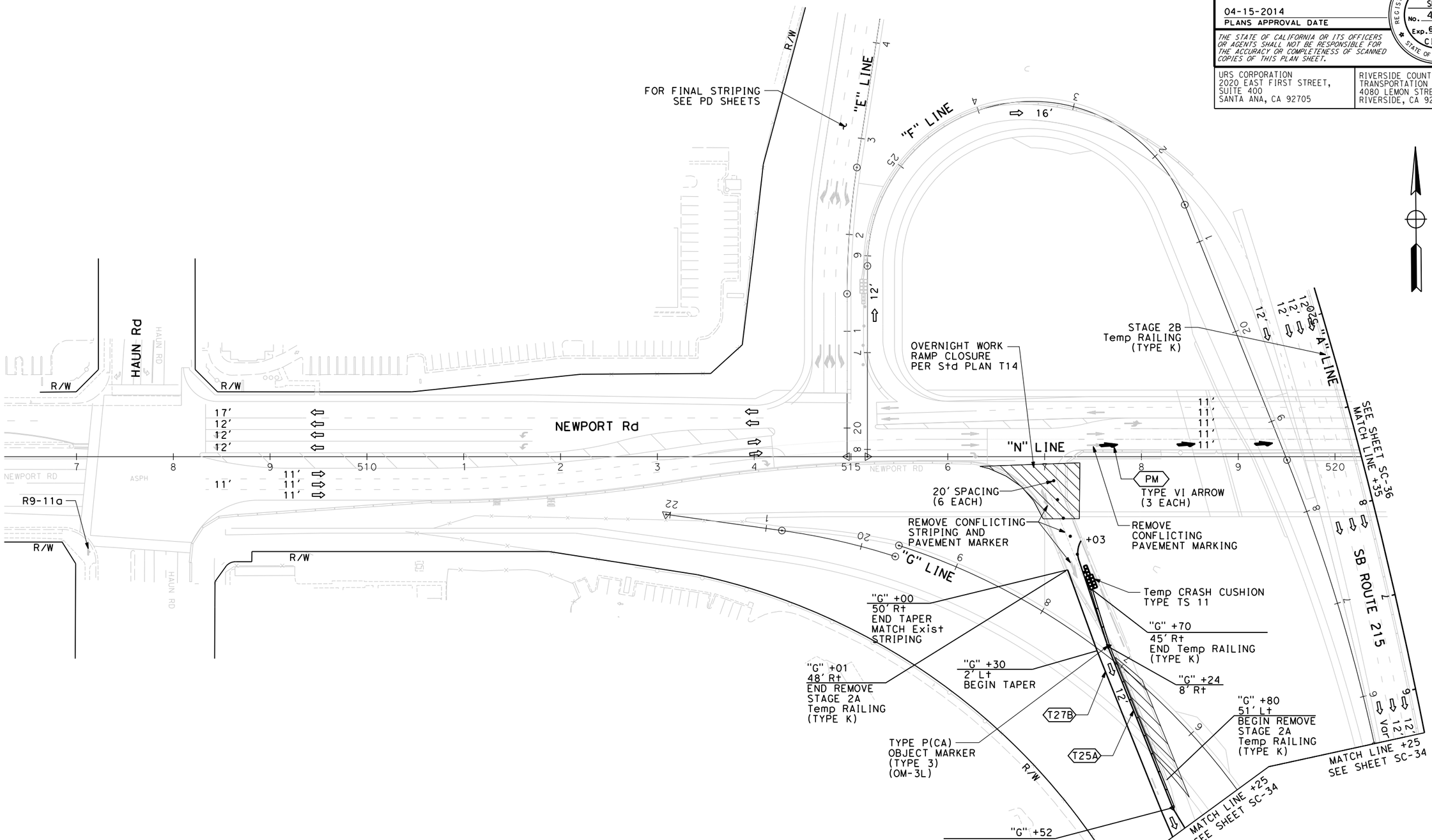
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 2C)

SCALE 1"= 50'

SC-35

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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 61 OF 115

CALCULATED-DESIGNED BY	REVISED BY
CHECKED BY	DATE REVISED
TERENCE HO	
KEITH RAND	

CONSULTANT FUNCTIONAL SUPERVISOR
JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:50:08 AM
00-00-00

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma035.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	188	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

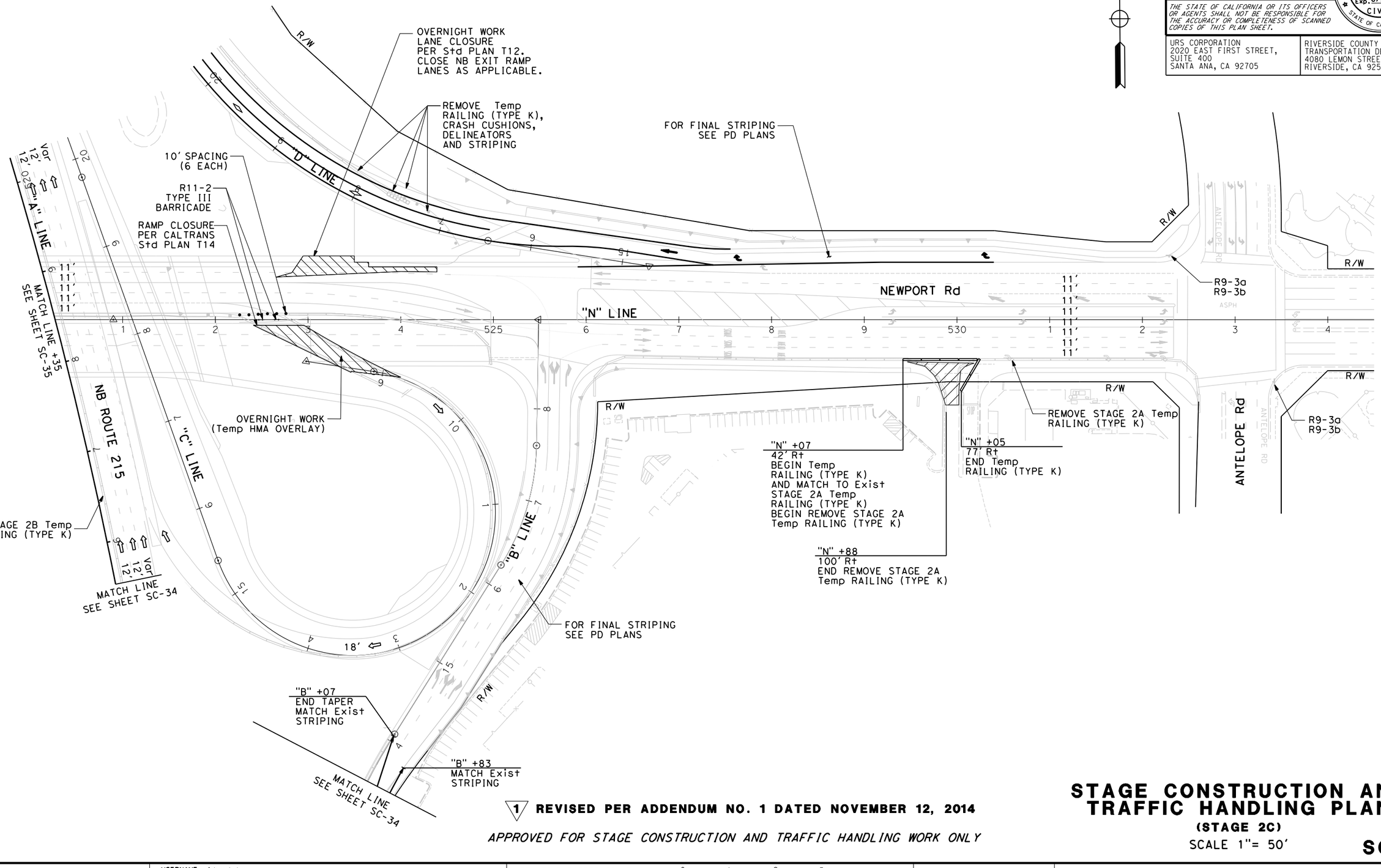
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 2C)

SCALE 1"= 50'

SC-36

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 62 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:50:12 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND
REVISED BY | DATE REVISED

BORDER LAST REVISED 7/2/2010
USERNAME => kent_ko
DGN FILE => ...\0800000301ma036.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	189	475

REGISTERED CIVIL ENGINEER — DATE: 04-15-14

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

04-15-2014
PLANS APPROVAL DATE

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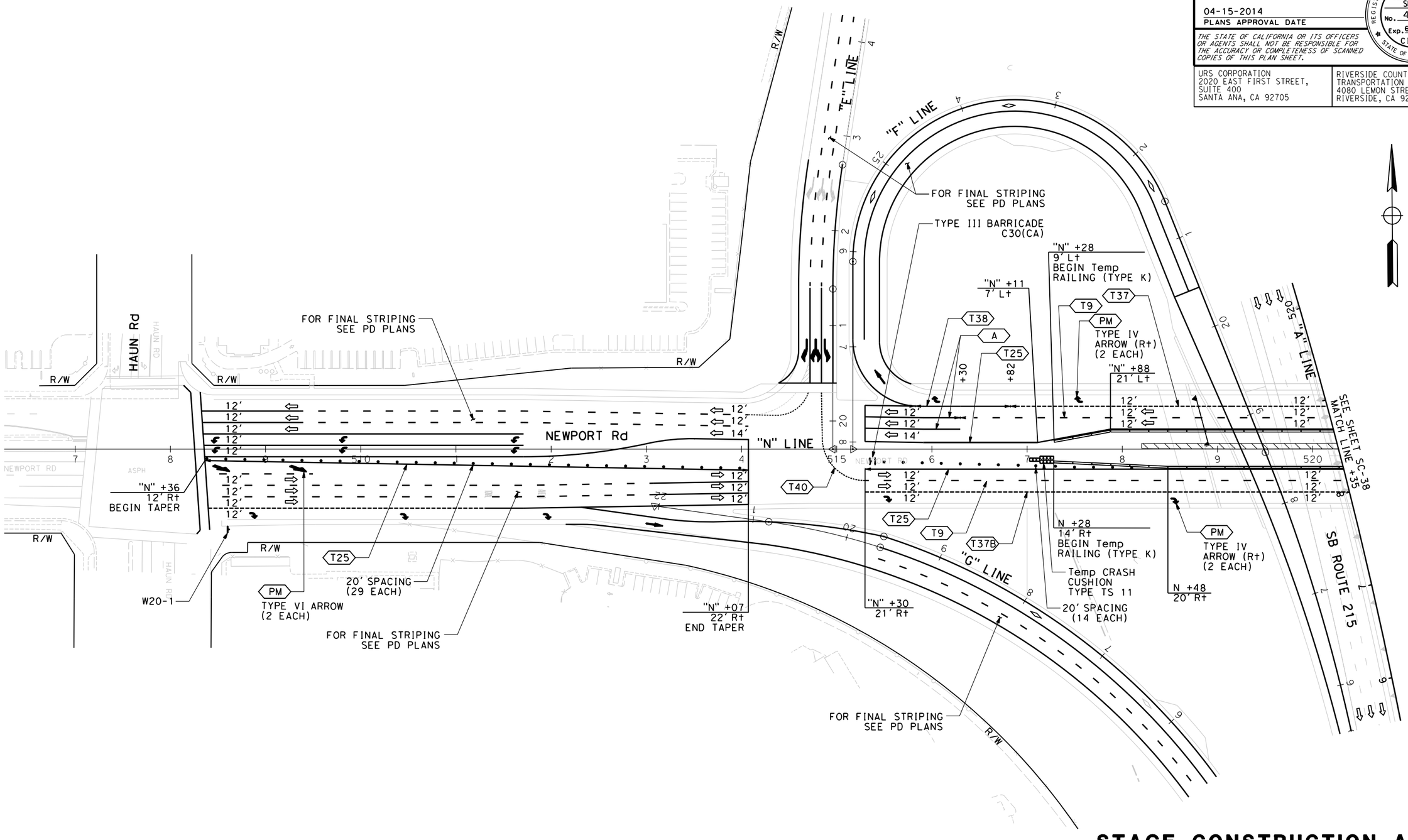
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 2D)

SCALE 1"= 50'

SC-37

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 63 OF 115

CALCULATED-DESIGNED BY	TERENCE HO
CHECKED BY	KEITH RAND
CONSULTANT FUNCTIONAL SUPERVISOR	JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Gibbs

REVISED BY	DATE REVISED

LAST REVISION: DATE PLOTTED => 11/6/2014, TIME PLOTTED => 10:50:17 AM, 00-00-00

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301ma037.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	190	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

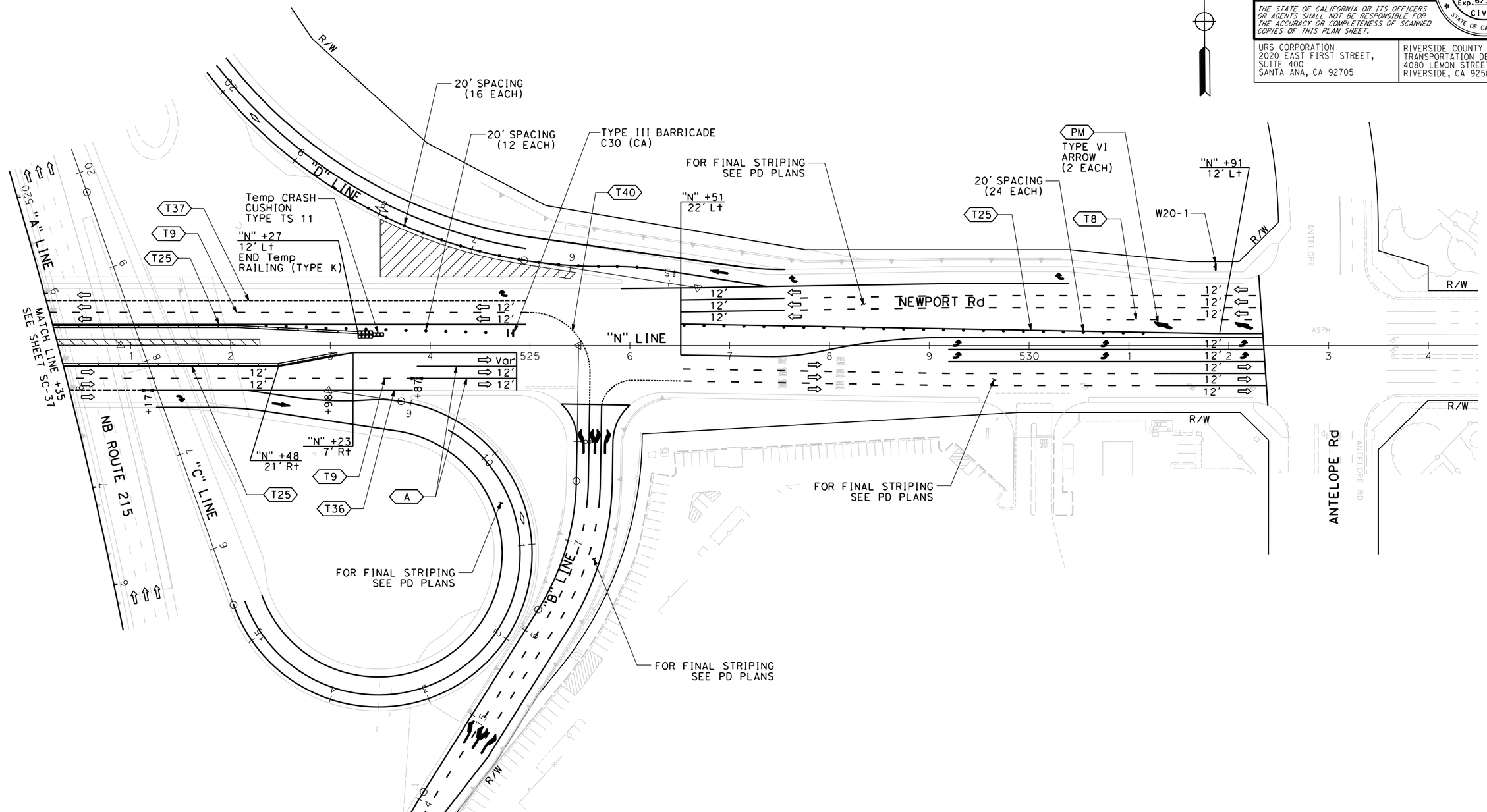
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.



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

APPROVED FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING WORK ONLY

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

(STAGE 2D)

SCALE 1"= 50'

SC-38

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 64 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:50:22 AM

CALCULATED-DESIGNED BY	REVISED BY	DATE REVISED
CHECKED BY	TERENCE HO	
	KEITH RAND	

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301ma038.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	191	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

STAGE CONSTRUCTION QUANTITIES

STAGE	STATION	LOCATION	DETAIL No. OR Pvmt MARKING	REMOVE Pvmt MARKER	REMOVE PAINTED TRAFFIC STRIPE		REMOVE PAINTED PAVEMENT MARKING	REMOVE Temp RAILING (TYPE K) (N)	REMOVE Temp CRASH CUSHION MODULE (N)	REMOVE CHANNELIZER (SURFACE MOUNTED) (N)	TEMPORARY PAVEMENT MARKER RETROREFLECTIVE		PAINT TRAFFIC STRIPE (2-COAT)			PAINT PAVEMENT MARKING (2-COAT)	Temp RAILING (TYPE K)	TEMPORARY TRAFFIC SCREEN	Temp CRASH CUSHION MODULE	CHANNELIZER (SURFACE MOUNTED)	TYPE II BARRICADE	TYPE III BARRICADE	Temp FENCE (TYPE CL-6)	Temp SIGNS (N)
					4"	8"					TYPE G	TYPE H	4" YELLOW	4" WHITE	8" WHITE									
				EA	LF		SQFT	LF	EA	EA	EA		LF			SQFT	LF	LF	EA	EA	EA	EA	LF	EA
STAGE 1A	STA N 508+20 - STA N 542+19	Rt,Lt																		237				2
STAGE 1B-1	STA A 507+60 - STA A 529+00	Rt,Lt															2740	2740		38				
STAGE 1B-1	STA A 507+60 - STA A 529+00	Rt,Lt	T12	141	6684						141			6684										
STAGE 1B-1	STA A 507+60 - STA A 529+00	Rt,Lt	T25	71	3342							71	3342											
STAGE 1B-1	STA A 507+60 - STA A 529+00	Rt,Lt	T27B		3342									3342										
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T8											200										
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T9								17			739										
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T12	605	28958						605			28958										
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T25	329	15733							329	15733											
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T25A									111	2640											
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T27B		16410									19470										
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T29									308	3661											
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T36								29				665									
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T36A								17				373									
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T37B								20				548									
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	T38	10		201					74				1750									
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	TYPE IV				30									165								
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	AHEAD				93									93								
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	SIGNAL				96									96								
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt	LL													217								
STAGE 1B	STA A 479+00 - STA A 556+40	Rt,Lt						2740	28	38							24980	24980	164	227	2		330	8
STAGE 1C	STA A 516+87 - STA A 517+36	Rt,Lt																		6		2		2
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	T8											317										
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	T9								46			2146										
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	T22										596											
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	T25A									85	2009											
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	T27B											5860										
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	T36								16				340									
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	T36A								12				263									
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	T38								6				100									
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	NB													14								
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	FWY													16								
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	ONLY													22								
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	TYPE IV				60									60								
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	LL													150								
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt															4060	4060	32	20				
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	T25A	46	1070																			
STAGE 1D	STA A 483+62 - STA A 545+35	Rt,Lt	T27B		1180																			
STAGE 1D	STA A 483+62 - STA A 545+50	Rt,Lt	T38	15		317																		
STAGE 1D	STA A 493+62 - STA A 545+35	Rt,Lt						7880	68	77														
STAGE 1E	STA A 499+30 - STA A 502+38	Rt,Lt																		16		1		1
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T8											535										
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T9								110			5200										
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T25A									180	4274											
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T27B											10576										
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T29									235	2786											
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T36A												338									
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T37B								34				963									
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T38								41				939									
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T38A												177									
SCQ-1 SHEET TOTAL				1217	77237		279	10620	96	115	2487		125524			833	31780	31780	196	544	2	3	330	13

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

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN QUANTITIES

NO SCALE

SCQ-1

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 65 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:50:25 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: TERENCE HO
CHECKED BY: KEITH RAND
REVISED BY | DATE REVISED

Gibbons

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301mc001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	192	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

STAGE CONSTRUCTION QUANTITIES

STAGE	STATION	LOCATION	DETAIL No. OR Pvmt MARKING	REMOVE Pvmt MARKER	REMOVE PAINTED TRAFFIC STRIPE		REMOVE PAINTED PAVEMENT MARKING	REMOVE Temp RAILING (TYPE K) (N)	REMOVE Temp CRASH CUSHION MODULE (N)	REMOVE CHANNELIZER (SURFACE MOUNTED) (N)	TEMPORARY PAVEMENT MARKER RETROREFLECTIVE		PAINT TRAFFIC STRIPE (2-COAT)			PAINT PAVEMENT MARKING (2-COAT)	Temp RAILING (TYPE K)	TEMPORARY TRAFFIC SCREEN	Temp CRASH CUSHION MODULE	CHANNELIZER (SURFACE MOUNTED)	TYPE II BARRICADE	TYPE III BARRICADE	Temp FENCE (TYPE CL-6)	Temp SIGNS (N)
					4"	8"					TYPE G	TYPE H	4" YELLOW	4" WHITE	8" WHITE									
				EA	LF		SQFT	LF	EA	EA	EA		LF			SQFT	LF	LF	EA	EA	EA	EA	LF	EA
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T40											436										
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	TYPE I (18')													500								
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	TYPE II (B)													59								
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	TYPE II													45								
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	TYPE III													84								
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	TYPE IV													150								
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	LL													183								
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt															3400	3400	44	20				
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T9	63	2967																			
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T27B		1765																			
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	T38	108		2564																		
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	TYPE IV				30																	
STAGE 1F	STA A 499+53 - STA A 543+52	Rt,Lt	LL				80																	
STAGE 1F	STA A 499+52 - STA A 543+52	Rt,Lt						8480	107	91														
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T8											200										
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T9								97			4576										
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T22										536											
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T25A									28	629											
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T27B											5391										
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T29									280	3326											
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T37								8				440									
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T38								77				1811									
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T38A												115									
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T38B								18				192									
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T40											896										
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	Type I (18')													400								
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	TYPE II													45								
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	TYPE II (B)													59								
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	TYPE III													84								
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	TYPE IV													240								
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	TYPE VI													210								
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	SIGNAL				288																	
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	AHEAD				279																	
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	LL													478								
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt															2540	2540			1			2
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T9	146	6917																			
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T22																					
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T25A	100	2359																			
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T27B		1691																			
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T37B			512																		
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	T38	61		1425																		
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt						1360	11															
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	Type I (18')				550																	
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	TYPE II				45																	
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	TYPE III				84																	
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	TYPE IV				180																	
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	SIGNAL				288																	
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	AHEAD				279																	
STAGE 2A	STA A 507+13 - STA A 533+27	Rt,Lt	LL				403																	
STAGE 2A-1	STA A 504+00 - STA A 532+00	Rt,Lt						6300	28	72							3600	3600		36				
SCQ-2 SHEET TOTAL				478	20200		2506	16140	146	163	508		18548			2537	9540	9540	44	56	1			2

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

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN QUANTITIES

NO SCALE

SCQ-2

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 66 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:50:28 AM

REVISED BY | DATE REVISED
TERENCE HO | KEITH RAND
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301mc002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

NOTE:

(N) NOT A PAY ITEM. FOR INFORMATION ONLY.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	193	475

04-15-14
REGISTERED CIVIL ENGINEER DATE

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

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

STAGE CONSTRUCTION QUANTITIES

STAGE	STATION	LOCATION	DETAIL No. OR Pvmt MARKING	REMOVE Pvmt MARKER	REMOVE PAINTED TRAFFIC STRIPE		REMOVE PAINTED PAVEMENT MARKING	REMOVE Temp RAILING (TYPE K) (N)	REMOVE Temp CRASH CUSHION MODULE (N)	REMOVE CHANNELIZER (SURFACE MOUNTED) (N)	TEMPORARY PAVEMENT MARKER RETROREFLECTIVE		PAINT TRAFFIC STRIPE (2-COAT)			PAINT PAVEMENT MARKING (2-COAT)	Temp RAILING (TYPE K)	TEMPORARY TRAFFIC SCREEN	Temp CRASH CUSHION MODULE	CHANNELIZER (SURFACE MOUNTED)	TYPE II BARRICADE	TYPE III BARRICADE	Temp FENCE (TYPE CL-6)	Temp SIGNS (N)
					4"	8"					TYPE G	TYPE H	4" YELLOW	4" WHITE	8" WHITE									
				EA	LF		SQFT	LF	EA	EA	EA		LF			SQFT	LF	LF	EA	EA	EA	EA	LF	EA
STAGE 2A-1	STA A 504+00 - STA A 532+00	Rt,Lt	T12	201	9600						201			9600										
STAGE 2A-1	STA A 504+00 - STA A 532+00	Rt,Lt	T25	101	4800							101	4800											
STAGE 2A-1	STA A 504+00 - STA A 532+00	Rt,Lt	T27B		4800									4800										
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T8											253										
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T9								15			630										
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T12	201	9600						201			9600										
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T22										754											
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T25	101	4800							101	4800											
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T25A									77	1814											
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T27B		4800									7706										
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T29										448											
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T37								5				252									
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T37B								7				175									
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T38												225									
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T40											137										
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	Type I (18')				50									50								
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	TYPE IV				15																	
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	LL													54								
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt															4700	4700		36				1
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt	T9	7	250																			
STAGE 2B	STA A 499+51 - STA A 433+42	Rt,Lt	T38	11		231																		
STAGE 2B	STA A 499+51 - STA A 533+42	Rt,Lt						4240	11	43														
STAGE 2C	STA A 501+45 - STA A 533+42	Rt,Lt	T25A									54	1261											
STAGE 2C	STA A 501+45 - STA A 533+42	Rt,Lt	T27B											1568										
STAGE 2C	STA A 501+45 - STA A 533+42	Rt,Lt	T36								20				442									
STAGE 2C	STA A 501+45 - STA A 533+42	Rt,Lt	Type I (18')				25																	
STAGE 2C	STA A 501+45 - STA A 533+42	Rt,Lt	TYPE VI				84									126								
STAGE 2C	STA A 501+45 - STA A 533+42	Rt,Lt															640	640	22	18		2		3
STAGE 2C	STA A 501+45 - STA A 533+42	Rt,Lt	T9	4																				
STAGE 2C	STA A 501+45 - STA A 533+42	Rt,Lt	T27B		239																			
STAGE 2C	STA A 501+45 - STA A 533+42	Rt,Lt						580																
STAGE 2D	STA A 508+61 - STA A 531+86	Rt,Lt	T8											269										
STAGE 2D	STA A 508+61 - STA A 531+86	Rt,Lt	T9								37			1725										
STAGE 2D	STA A 508+61 - STA A 531+86	Rt,Lt	T25									65	3034											
STAGE 2D	STA A 508+61 - STA A 531+86	Rt,Lt	T27B											400										
STAGE 2D	STA A 508+61 - STA A 531+86	Rt,Lt	T37								14				816									
STAGE 2D	STA A 508+61 - STA A 531+86	Rt,Lt	T37B								21				590									
STAGE 2D	STA A 508+61 - STA A 531+86	Rt,Lt	T38								8				153									
STAGE 2D	STA A 508+61 - STA A 531+86	Rt,Lt	T40											118										
STAGE 2D	STA A 508+61 - STA A 531+86	Rt,Lt															920	920	22	95		2		3
STAGE 2D	STA A 508+61 - STA A 531+86	Rt,Lt	T25A	25	571																			
SCQ-1 SHEET TOTAL				1217	77237		279	10620	96	115	2487		125524			833	31780	31780	196	544	2	3	330	13
SCQ-2 SHEET TOTAL				478	20200		2506	16140	146	163	508		18548			2537	9540	9540	44	56	1			2
SCQ-3 SHEET TOTAL				651	39691		174	4820	11	43	927		56370			230	6260	6260	44	149		4		7
TOTAL				2346	137128		2959	31580	253	321	3922		200442			3600	47580	47580	284	749	3	7	330	22

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

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN QUANTITIES

NO SCALE

SCQ-3

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 67 OF 115

DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:50:31 AM

LAST REVISION 00-00-00

REVISED BY | DATE REVISED
TERENCE HO | KEITH RAND
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301mc003.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	195	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLEBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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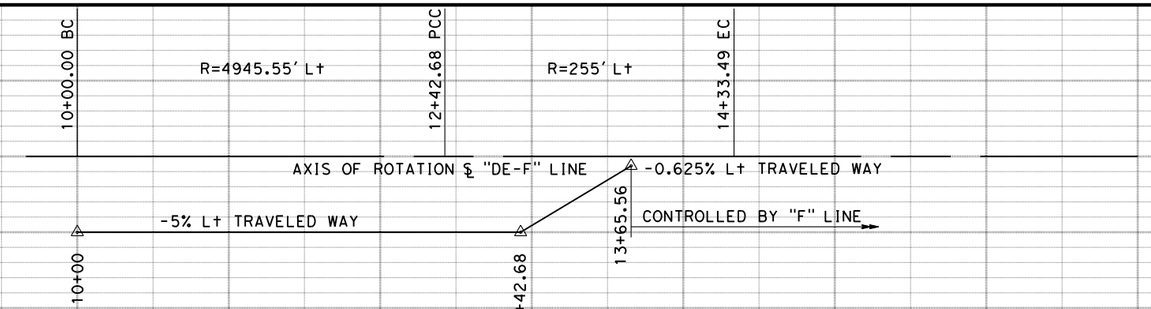
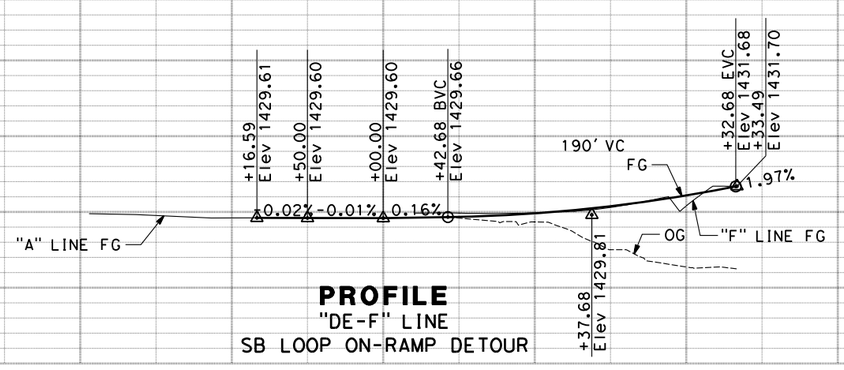
URS CORPORATION
2020 EAST FIRST STREET,
SUITE 400
SANTA ANA, CA 92705

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



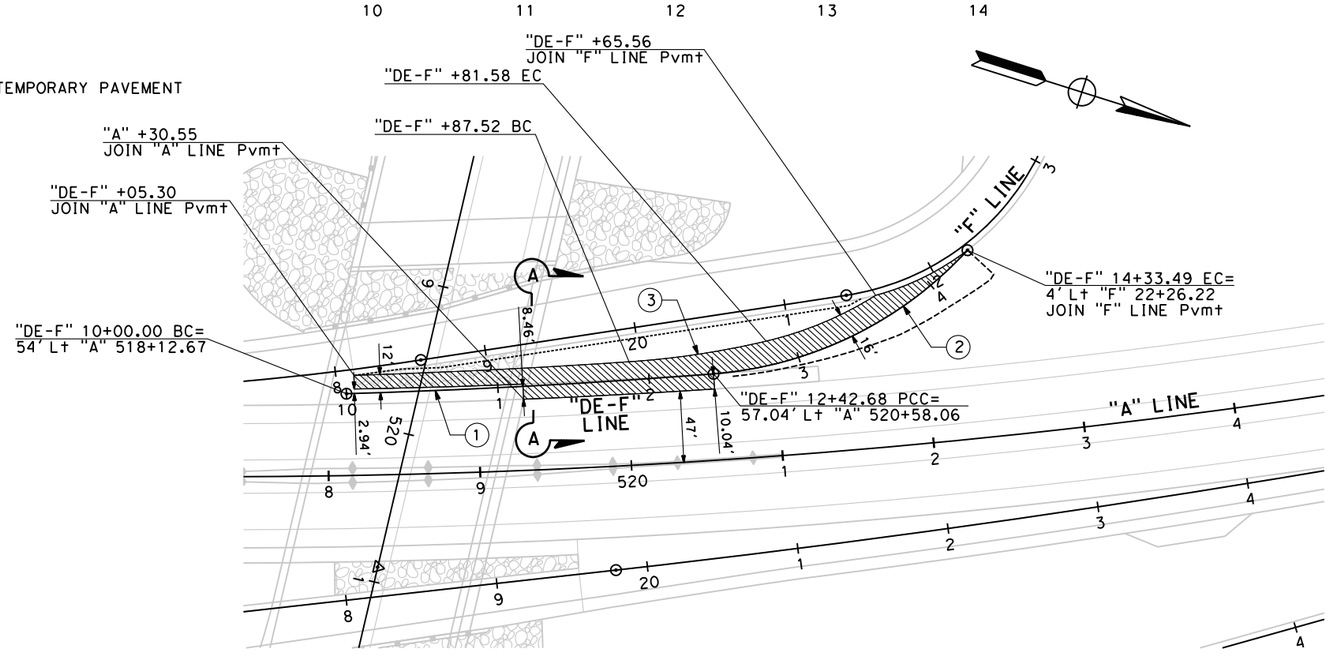
SUPERELEVATION DIAGRAM



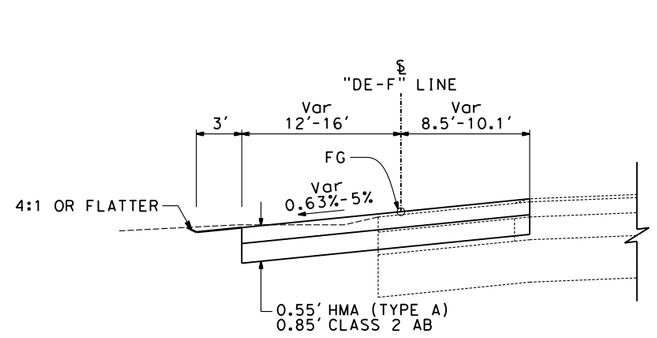
PROFILE
"DE-F" LINE
SB LOOP ON-RAMP DETOUR

LEGEND:

TEMPORARY PAVEMENT



CURVE DATA				
	R	Δ	T	L
(1)	4945.55'	02°48'41"	121.36'	242.68'
(2)	255'	42°52'18"	110.12'	190.82'
(3)	560'	09°22'47"	45.94'	91.68'



"DE-F" LINE
SECTION A-A
NO SCALE

PLAN

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

THIS PLAN ACCURATE FOR DETOUR CONSTRUCTION WORK ONLY

DETOUR PLAN
STAGE 1B

SCALE: Horiz 1"= 50'
Vert 1"= 5'

DE-2

REVISED BY	DATE REVISED
CATHERINE LAMPON	STEPHANIE HILLEBRAND

CALCULATED-DESIGNED BY
CHECKED BY

CONSULTANT FUNCTIONAL SUPERVISOR
JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:56:29 AM

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 68 OF 115

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301mg002.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FOR NOTES, LEGEND, AND ABBREVIATIONS, SEE SHEET S-1.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	211	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

IS G78-1(CA) — INTERSTATE 215 SOUTH → — S4-42

IS G77-4(CA) — NORTH / INTERSTATE 215 SOUTH → — S4-52

IS G78-1(CA) — INTERSTATE 215 NORTH → — S4-78

S4-1 RL CITY SIGN
S4-2 RL COMMERCIAL SIGN
S4-3 RL CITY SIGN
PP "YELLOW BASKET" SIGN
PP "NEWPORT HUB" SIGN
S4-4 IS R5-1 R5-1a
S4-5 IS R6-1(Rt) R6-1(Lt)
S4-6 IS R61-26(CA)
S4-7 IPB R9-3a
S4-8 RM W3-3
S4-9 IS R6-1(Rt) R6-1(Lt)
S4-10 IS R5-1 R5-1a
S4-11 IS G92(CA) G27-2(CA) M3-3 M6-2a
S4-12 IS R5-10c
S4-13 IS R61-26(CA)
S4-14 IS W4-14(CA)(20)
S4-15 IS R5-10c
S4-16 IS R91-1(CA)
S4-17 RM G8-4(CA) G8-4(CA) G8-1(CA) SG33(CA)
S4-18 IS G8-4(CA) G8-4(CA) G8-1(CA) SG33(CA)
S4-19 IS W1-8(Rt)
S4-20 IPB R9-3a
S4-21 IS R5-10a
S4-22 IS R5-10a
S4-23 IS W1-8(Rt)
S4-24 IS W1-8(Rt)
S4-25 IS W1-8(Rt)
S4-26 IS W1-8(Rt)
S4-27 RM R61-28(CA)
S4-28 IS W1-8(Rt)
S4-29 RM R5-10a
S4-30 IS R91-1(CA)
S4-31 RM R61-28(CA)
S4-32 IS W1-8(Rt)
S4-33 IS W1-8(Rt)
S4-34 IS W1-8(Rt)
S4-35 IS W1-8(Rt)
S4-36 IS W1-8(Rt)
S4-37 IS R91-1(CA)
S4-38 IRMS R89-1(CA) R10-6
S4-39 IRMS R89-1(CA) R10-6
S4-40 IS G92(CA) G27-2(CA) M3-3 M6-2a
S4-41 RM R6-1(Rt) R6-1(Lt)
S4-42 IS G78-1(CA)
S4-43 RM R6-1(Rt) R6-1(Lt)
S4-44 RM R5-1 R5-1a
S4-45 RM R5-1 R5-1a
S4-46 RM R16B
S4-47 IS R3-7(Rt)
S4-48 RM R4-7 TYPE N(CA)
S4-49 1 R9-3a
S4-50 IS R3-7(Rt)
S4-51 RM BUS STOP
S4-52 IS G77-4(CA)
S4-53 RM G21-3(CA)(Rt)
S4-54 RM R3-7
S4-55 IMA R3-18
S4-56 RM G77A(CA)
S4-57 IS G92(CA) G27-2(CA) M3-3 M6-2a
S4-58 IS G92(CA) G27-2(CA) M3-3 M6-2a
S4-59 IPB R9-3a
S4-60 RM R3-7
S4-61 IS R5-10a
S4-62 IS R5-10a
S4-63 IMA R3-4
S4-64 RM R3-7
S4-65 IMA R3-18
S4-66 RM G77-4(CA)
S4-67 RM G92(CA) G27-2(CA) M3-3 G43(CA)
S4-68 IPB R9-3a
S4-69 ISP W4-7(Lt)
S4-70 RM R3-7
S4-71 IS R91-1(CA)
S4-72 RM R5-10a
S4-73 IS R91-1(CA)
S4-74 RM R4-7 TYPE N(CA)
S4-75 RM R4-7 TYPE N(CA)
S4-76 RM G92(CA) G27-2(CA) M3-3 G43(CA)
S4-77 IS W4-1
S4-78 IS G78-1(CA) R3-7(Rt)
S4-79 RM G78-1(CA)
S4-80 IS W11-1 W16-1
S4-81 IS W11-1 W16-1
S4-82 ISB W3-8
S4-83 ISB W3-8

HAUN Rd
NEWPORT Rd
"N" LINE
"E" LINE
"F" LINE
"A" LINE
"G" LINE
SB ROUTE 215
R/W
PP R4-7 TYPE N(CA)
PP W3-3
SEE SHEET S-6 MATCH LINE
MATCH LINE SEE SHEET S-5
MATCH LINE SEE SHEET S-3

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

APPROVED FOR SIGN WORK ONLY

SIGN PLAN

SCALE 1"= 50'

S-4

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 69 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:53:42 AM

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

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301oa004.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	212	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. FOR NOTES, LEGEND, AND ABBREVIATIONS, SEE SHEET S-1.

SOUTH
INTERSTATE 215
NORTH

S5-1 IS W4-1(R+)
S5-2 RM G78-1(CA)
S5-3 IS G92(CA) G27-2(CA) M3-1 M6-2a
S5-4 RM G92(CA) G27-2(CA) M3-1 G43(CA)
S5-5 RM TYPE P(CA)
S5-6 RM G92(CA) G27-2(CA) M3-1 G43(CA)
S5-7 RM R4-7 TYPE N(CA)
S5-8 IS R91-1(CA)
S5-9 IS R5-10a
S5-10 IS R91-1(CA)
S5-11 RM R5-10a
S5-12 IS W1-8(R+)
S5-13 IS R5-10a
S5-14 IS W4-7(L+)
S5-15 RM R17B R4-7 G43(CA)
S5-16 IS R3-1
S5-17 IPB R9-3a
S5-18 RM G77A(CA)
S5-19 IPB R9-3a
S5-20 IS G92(CA) G27-2(CA) M3-1 M6-2a
S5-21 IS G92(CA) G27-2(CA) M3-1 M6-2a
S5-22 IMA R3-18
S5-23 IMA R3-18
S5-24 RM W3-3
S5-25 IS R3-7(R+)
S5-26 RM W3-3
S5-27 RM G21-3(CA)(R+)
S5-28 IS G77-4(CA)
S5-29 RM W73A(CA)(R+)
S5-30 RM R6-2
S5-31 IS W4-7(L+)
S5-32 RM W4-7(L+)
S5-33 IMA R10-7
S5-34 RM R4-7 TYPE N(CA)
S5-35 IS W4-14(CA)(20)
S5-36 RM R6-1(R+) R6-1(L+)
S5-37 RM R16B
S5-38 RM R5-1 R5-1a
S5-39 IS R5-10a
S5-40 IS G92(CA) G27-2(CA) M3-1 M6-2a
S5-41 RM R6-1(R+) R6-1(L+)
S5-42 RM R5-1 R5-1a
S5-43 IS R6-1(R+) R6-1(L+)
S5-44 IS W1-8(R+)
S5-45 IS R91-1(CA)
S5-46 IS W1-8(R+)
S5-47 IS W1-8(R+)
S5-48 RM R61-28(CA)
S5-49 IS W1-8(R+)
S5-50 RM R61-28(CA)
S5-51 IS W1-8(R+)
S5-52 IS R91-1(CA)
S5-53 IS W1-8(R+)
S5-54 IS W1-8(R+)
S5-55 IRMS R89-1(CA) R10-6
S5-56 IRMS R89-1(CA) R10-6
S5-57 IS R5-10a
S5-58 RM W4-7
S5-59 IS R5-1 R5-1a
S5-60 IS R5-1 R5-1a
S5-61 SMRW R5-10c
S5-62 IS R5-10c
S5-63 IS W1-8(R+)
S5-64 IS W1-8(R+)
S5-65 IS W1-8(R+)
S5-66 IS W1-8(R+)
S5-67 IS W1-8(R+)
S5-68 IS R91-1(CA)
S5-69 IS W1-8(R+)
S5-70 IS W1-8(R+)
S5-71 SMRW R61-26(CA)
S5-72 IS R61-26(CA)
S5-73 RM G8-4(CA) G8-4(CA) G8-1(CA) SG33(CA)
S5-74 IS G8-4(CA) G8-4(CA) G8-1(CA) SG33(CA)
S5-75 IPB R9-3a
S5-76 RL CITY SIGN
S5-77 RL CITY SIGN
S5-78 RM W3-3
S5-79 IS R6-1(R+) R6-1(L+)
S5-80 RL CITY SIGN
S5-81 IS R3-5(R+)
S5-82 IPB R9-3a
S5-83 RL G8-7(CA)
S5-84 RM R3-7(R+)
S5-85 IMA R10-7
S5-86 IMA R73-6(CA)
S5-87 IMA R73-6(CA)
S5-88 IS W11-1 W16-1
S5-89 IS W11-1 W16-1
S5-90 IPB R9-3a
S5-91 ISB R1-5R
S5-92 ISB R1-5L
S5-93 ISB W3-8
S5-94 ISB W3-8

PP R3-7(R+)
PP R2-1(40)
PP R4-7 TYPE N(CA)
PP "SHELL" SIGN
PP D9-6
PP R1-1
PP R3-7(R+)

NEWPORT Rd
"A" LINE
"B" LINE
"C" LINE
"D" LINE
"N" LINE
NB ROUTE 215
ANTELOPE RD
ANTELOPE Rd
SEE SHEET S-6 MATCH LINE
SEE SHEET S-4 MATCH LINE
MATCH LINE SEE SHEET S-3
R/W

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

APPROVED FOR SIGN WORK ONLY

SIGN PLAN

SCALE 1"= 50'

S-5

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 70 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:53:46 AM

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

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301oa005.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	221	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE (WxH)			POST SIZE & LENGTH (N)					ROADSIDE SIGN		INSTALL		SIGNAL POLE MOUNTED SIGN (N)	INSTALL (MAST-ARM HANGER METHOD)	PEDESTRIAN BARRICADE	METAL (RAIL MOUNTED SIGN)	REMOVE ROADSIDE SIGN	RELOCATE ROADSIDE SIGN	REMARKS
						CLEARANCE	4.0 X 4.0	4.0 X 6.0	6.0 X 6.0	TYPE M	ONE POST	TWO POST	SIGN (STRAP AND SADDLE BRACKET METHOD)	ROADSIDE SIGN (LAMINATED WOOD BOX)							
			(in)	X	(in)	FT	FT	FT	FT	FT	EA	EA	EA	EA	EA	EA	EA	LB	EA	EA	
S-1	S1-1	S32(CA)																			
		S32-1(CA)																		1	
S-2	S2-1	W4-2(R†)	48	X	48	7			18		1										
	S2-2	W9-1(R†)	48	X	48	7			18		1										
	S2-3	W4-7(L†)	48	X	48	7			18		1										
	S2-4	R18A(CA)(R†)	66	X	48	7			16		1										
S-3	S3-1	W4-1	48	X	48	7			18		1										
	S3-2	W4-1																	1		
	S3-3	R89-1(CA)	36	X	16										1						ON RAMP METER POLE
		R10-6	24	X	36																
	S3-4	R89-1(CA)	36	X	16										1						ON RAMP METER POLE
		R10-6	24	X	36																
	S3-5	R91-1(CA)	36	X	54	7			17		1										
	S3-6	R91-1(CA)	36	X	54	7			17		1										
	S3-7	G84-2(CA)(10)				7			14										1		
	S3-8	G84-2(CA)(10)	54	X	48						1										
	S3-9	W3-3																	1		
	S3-10	R53B(CA)																	1		
	S3-11	R53B(CA)																	1		
	S3-12	R61-28(CA)																	1		
	S3-13	W3-3	48	X	48	7			18		1										
	S3-14	W3-3	48	X	48	7			18		1										
	S3-15	R61-28(CA)																	1		
	S3-16	R53B(CA)	48	X	60	7			17		1										
	S3-17	R53B(CA)	48	X	60	7			17		1										
S-4	S4-1	CITY SIGN																		1	
	S4-2	COMMERCIAL SIGN																		1	
	S4-3	CITY SIGN																		1	
	S4-4	R5-1	36	X	36	2		13			1										
		R5-1a	36	X	24																
	S4-5	R6-1(L†)	36	X	12	2	6				1										
		R6-1(R†)	36	X	12																
	S4-6	R61-26(CA)	48	X	30	7		14			1										
	S4-7	R9-3	24	X	24																ON PED BARRICADE PER SIGNAL PLAN
	S4-8	W3-3																	1		
	S4-9	R6-1(L†)	36	X	12	2	6				1										
		R6-1(R†)	36	X	12																
	S4-10	R5-1	36	X	36	2		13			1										
		R5-1a	36	X	24																
	S4-11	G92(CA)	48	X	30	2			15			1									
		G27-2(CA)	42	X	36																
		M3-3	24	X	12																
		M6-2a	21	X	15																
	S4-12	R5-10c	24	X	12	7	12				1										
SQ-1 SHEET TOTAL											18	1			2				8	4	

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

SIGN QUANTITIES

NO SCALE

SQ-1

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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 71 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:53:52 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301oc001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	222	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE (WxH)	POST SIZE & LENGTH (N) CLEARANCE	4.0 X 4.0	4.0 X 6.0	6.0 X 6.0	TYPE M	ROADSIDE SIGN ONE POST	ROADSIDE SIGN TWO POST	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX)	SIGNAL POLE MOUNTED SIGN (N)	INSTALL (MAST-ARM HANGER METHOD)	PEDESTRIAN BARRICADE	METAL (RAIL MOUNTED SIGN)	REMOVE ROADSIDE SIGN	RELOCATE ROADSIDE SIGN	REMARKS
			(in) X (in)	FT	FT	FT	FT	FT	EA	EA	EA	EA	EA	EA	EA	LB	EA	EA	
S-4	S4-13	R61-26(CA)	48 X 30	7		14			1										
	S4-14	W4-14(CA)(20)	48 X 48	7			18		1										
	S4-15	R5-10c	24 X 12	7	12				1										
	S4-16	R91-1(CA)	36 X 54	7			17		1										
	S4-17	G8-4(CA)															1		
		G8-4(CA)																	
		G8-1(CA)																	
		SG33(CA)																	
	S4-18	G8-4(CA)	126 X 42	3				20				1							
		G8-4(CA)	132 X 42																
		G8-1(CA)	84 X 24																
		SG33(CA)	132 X 18																
	S4-19	W1-8(R+)	30 X 36	7		15			1										
	S4-20	R9-3	24 X 24																ON PED BARRICADE PER SIGNAL PLAN
	S4-21	R5-10a	30 X 36	7		15			1										
	S4-22	R5-10a	30 X 36	7		15			1										
	S4-23	W1-8(R+)	30 X 36	7		15			1										
	S4-24	W1-8(R+)	30 X 36	7		15			1										
	S4-25	W1-8(R+)	30 X 36	7		15			1										
	S4-26	W1-8(R+)	30 X 36	7		15			1										
	S4-27	R61-28(CA)															1		
	S4-28	W1-8(R+)	30 X 36	7		15			1										
	S4-29	R5-10a															1		
	S4-30	R91-1(CA)	36 X 54	7			17		1										
	S4-31	R61-28(CA)															1		
	S4-32	W1-8(R+)	30 X 36	7		15			1										
	S4-33	W1-8(R+)	30 X 36	7		15			1										
	S4-34	W1-8(R+)	30 X 36	7		15			1										
	S4-35	W1-8(R+)	30 X 36	7		15			1										
	S4-36	W1-8(R+)	30 X 36	7		15			1										
	S4-37	R91-1(CA)	36 X 54	7			17		1										
	S4-38	R89-1(CA)	36 X 16										1						ON RAMP METER POLE
		R10-6	24 X 36																
	S4-39	R89-1(CA)	36 X 16						1				1						ON RAMP METER POLE
		R10-6	24 X 36																
	S4-40	G92(CA)	48 X 30	2			15			1									
		G27-2(CA)	42 X 36																
		M3-3	24 X 12																
		M6-2a	21 X 15																
	S4-41	R6-1(L+)															1		
		R6-1(R+)																	
	S4-42	G78-1(CA)	60 X 42	7			16		1										
	S4-43	R6-1(L+)															1		
		R6-1(R+)																	
SQ-2 SHEET TOTAL									21	1		1	2				6		

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

SIGN QUANTITIES

NO SCALE

SQ-2

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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 72 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:53:56 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301oc002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	223	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE (WxH)			POST SIZE & LENGTH (N)					ROADSIDE SIGN		INSTALL		SIGNAL POLE MOUNTED SIGN (N)	INSTALL (MAST-ARM HANGER METHOD)	PEDESTRIAN BARRICADE	METAL (RAIL MOUNTED SIGN)	REMOVE ROADSIDE SIGN	RELOCATE ROADSIDE SIGN	REMARKS
						CLEARANCE	4.0 X 4.0	4.0 X 6.0	6.0 X 6.0	TYPE M	ONE POST	TWO POST	SIGN (STRAP AND SADDLE BRACKET METHOD)	ROADSIDE SIGN (LAMINATED WOOD BOX)							
			(in)	X	(in)	FT	FT	FT	FT	FT	EA	EA	EA	EA	EA	EA	EA	LB	EA	EA	
S-4	S4-44	R5-1																	1		
		R5-1a																			
	S4-45	R5-1																	1		
		R5-1a																			
	S4-46	R16B																	1		
	S4-47	R3-7(Rt)	30	X	30	7		14			1										
	S4-48	R4-7																	1		
		TYPE N(CA)																			
	S4-49	R9-3	24	X	24												1				
	S4-50	R3-7(Rt)	30	X	30	7		14			1										
	S4-51	BUS STOP																	1		
	S4-52	G77-4(CA)	72	X	54	7			16			1									
	S4-53	G21-3(CA)(Rt)																	1		
	S4-54	R3-7																	1		
	S4-55	R3-18	36	X	36											1					
	S4-56	G77A(CA)																	1		
	S4-57	G92(CA)	48	X	30	2			15			1									
		G27-2(CA)	42	X	36																
		M3-3	24	X	12																
		M6-2a	21	X	15																
	S4-58	G92(CA)	48	X	30	2			15			1									
		G27-2(CA)	42	X	36																
		M3-3	24	X	12																
		M6-2a	21	X	15																
	S4-59	R9-3	24	X	24																ON PED BARRICADE PER SIGNAL PLAN
	S4-60	R3-7																	1		
	S4-61	R5-10a	30	X	36	7		15			1										
	S4-62	R5-10a	30	X	36	7		15			1										
	S4-63	R3-4	36	X	36											1					
	S4-64	R3-7																	1		
	S4-65	R3-18	36	X	36											1					
	S4-66	G77-4(CA)																	1		
	S4-67	G92(CA)																	1		
		G27-2(CA)																			
		M3-3																			
		G43(CA)																			
	S4-68	R9-3	24	X	24																ON PED BARRICADE PER SIGNAL PLAN
	S4-69	W4-7(Lt)	36	X	36								1								
	S4-70	R3-7																	1		
	S4-71	R91-1(CA)	36	X	54	7			17		1										
	S4-72	R5-10a																	1		
	S4-73	R91-1(CA)	36	X	54	7			17		1										
	S4-74	R4-7																	1		
		TYPE N(CA)																			
SQ-3 SHEET TOTAL											6	3	1			3	1		15		

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

SIGN QUANTITIES

NO SCALE

SQ-3

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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 73 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:53:59 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301oc003.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	224	475

04-15-14
REGISTERED CIVIL ENGINEER DATE

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

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

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE (WxH)			POST SIZE & LENGTH (N)					ROADSIDE SIGN		INSTALL		SIGNAL POLE MOUNTED SIGN (N)	INSTALL (MAST-ARM HANGER METHOD)	PEDESTRIAN BARRICADE	METAL (RAIL MOUNTED SIGN)	REMOVE ROADSIDE SIGN	RELOCATE ROADSIDE SIGN	REMARKS
						CLEARANCE	4.0 X 4.0	4.0 X 6.0	6.0 X 6.0	TYPE M	ONE POST	TWO POST	SIGN (STRAP AND SADDLE BRACKET METHOD)	ROADSIDE SIGN (LAMINATED WOOD BOX)							
			(in)	X	(in)	FT	FT	FT	FT	FT	EA	EA	EA	EA	EA	EA	EA	LB	EA	EA	
S-4	S4-75	R4-7																	1		
		TYPE N(CA)																			
	S4-76	G92(CA)																	1		
		G27-2(CA)																			
		M3-3																			
		G43(CA)																			
	S4-77	W4-1	48	X	48	7			18		1										
	S4-78	G78-1(CA)	60	X	42	5		18				1									
		R3-7(Rt)	30	X	30																
	S4-79	G78-1(CA)																	1		
	S4-80	W11-1	30	X	30	7		15			1										
		W16-1	24	X	30																
	S4-81	W11-1	30	X	30	7		15			1										
		W16-1	24	X	30																
	S4-82	W3-8	36	X	36										1						ON FLASHING BEACON POLE
	S4-83	W3-8	36	X	36										1						ON FLASHING BEACON POLE
S-5	S5-1	W4-1(Rt)	48	X	48	7			18		1										
	S5-2	G78-1(CA)																	1		
	S5-3	G92(CA)	48	X	30	2			15			1									
		G27-2(CA)	42	X	36																
		M3-1	24	X	12																
		M6-2a	21	X	15																
	S5-4	G92(CA)																	1		
		G27-2(CA)																			
		M3-1																			
		G43(CA)																			
	S5-5	TYPE P(CA)																	1		
	S5-6	G92(CA)																	1		
		G27-2(CA)																			
		M3-1																			
		G43(CA)																			
	S5-7	R4-7																	1		
		TYPE N(CA)																			
	S5-8	R91-1(CA)	36	X	54	7			17		1										
	S5-9	R5-10a	30	X	36	7		15			1										
	S5-10	R91-1(CA)	36	X	54	7			17		1										
	S5-11	R5-10a																	1		
	S5-12	W1-8(Rt)	30	X	36	7		15			1										
	S5-13	R5-10a	30	X	36	7		15			1										
	S5-14	W4-7(Lt)	36	X	36	7	16				1										
	S5-15	R17B																	1		
		R4-7																			
		G43(CA)																			
	S5-16	R3-1	36	X	36	7	14				1										
	S5-17	R9-3	24	X	24																ON PED BARRICADE PER SIGNAL PLAN
	S5-18	G77A(CA)																	1		
SQ-4 SHEET TOTAL											11	2			2				11		

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

SIGN QUANTITIES

NO SCALE

SQ-4

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 74 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:54:01 AM

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

BORDER LAST REVISED 7/2/2010
USERNAME => kent_ko
DGN FILE => ...\0800000301oc004.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	225	475

04-15-14
REGISTERED CIVIL ENGINEER DATE

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

04-15-2014
PLANS APPROVAL DATE

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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

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE (WxH)			POST SIZE & LENGTH (N) CLEARANCE	4.0 X 4.0	4.0 X 6.0	6.0 X 6.0	TYPE M	ROADSIDE SIGN ONE POST	ROADSIDE SIGN TWO POST	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX)	SIGNAL POLE MOUNTED SIGN (N)	INSTALL (MAST-ARM HANGER METHOD)	PEDESTRIAN BARRICADE	METAL (RAIL MOUNTED SIGN)	REMOVE ROADSIDE SIGN	RELOCATE ROADSIDE SIGN	REMARKS
			(in)	X	(in)	FT	FT	FT	FT	FT	EA	EA	EA	EA	EA	EA	EA	LB	EA	EA	
S-5	S5-19	R9-3	24	X	24																ON PED BARRICADE PER SIGNAL PLAN
	S5-20	G92(CA)	48	X	30	2			15			1									
		G27-2(CA)	42	X	36																
		M3-1	24	X	12																
		M6-2a	21	X	15																
	S5-21	G92(CA)	48	X	30	2			15			1									
		G27-2(CA)	42	X	36																
		M3-1	24	X	12																
		M6-2a	21	X	15																
	S5-22	R3-18	36	X	36											1					
	S5-23	R3-18	36	X	36											1					
	S5-24	W3-3																	1		
	S5-25	R3-7(Rt)	30	X	30	7			14		1										
	S5-26	W3-3																	1		
	S5-27	G21-3(CA)(Rt)																	1		
	S5-28	G77-4(CA)	72	X	54	7			16		1										
	S5-29	W73A(CA)(Rt)																	1		
	S5-30	R6-2																	1		
	S5-31	W4-7(Lt)	36	X	36	7		16			1										
	S5-32	W4-7(Lt)																	1		
	S5-33	R10-7	24	X	30											1					
	S5-34	R4-7																	1		
		TYPE N(CA)																			
	S5-35	W4-14(CA)(20)	48	X	48	7			18		1										
	S5-36	R6-1(Lt)																	1		
		R6-1(Rt)																			
	S5-37	R16B																	1		
	S5-38	R5-1																	1		
		R5-1a																			
	S5-39	R5-10a	30	X	36	7		15			1										
	S5-40	G92(CA)	48	X	30	2			15			1									
		G27-2(CA)	42	X	36																
		M3-1	24	X	12																
		M6-2a	21	X	15																
	S5-41	R6-1(Lt)																	1		
		R6-1(Rt)																			
	S5-42	R5-1																	1		
		R5-1a																			
	S5-43	R6-1(Lt)	36	X	12	2	6				1										
		R6-1(Rt)	36	X	12																
	S5-44	W1-8(Rt)	30	X	36	7		15			1										
	S5-45	R91-1(CA)	36	X	54	7			17		1										
	S5-46	W1-8(Rt)	30	X	36	7		15			1										
	S5-47	W1-8(Rt)	30	X	36	7		15			1										
SQ-5 SHEET TOTAL											10	3				3			12		

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

SIGN QUANTITIES

NO SCALE

SQ-5

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 75 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 10:54:19 AM

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CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 7/2/2010
USERNAME => kent_ko
DGN FILE => ...\0800000301oc005.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	226	475

04-15-14
REGISTERED CIVIL ENGINEER DATE

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

04-15-2014
PLANS APPROVAL DATE

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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

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE (WxH)	POST SIZE & LENGTH (N) CLEARANCE	4.0 X 4.0	4.0 X 6.0	6.0 X 6.0	TYPE M	ROADSIDE SIGN ONE POST	ROADSIDE SIGN TWO POST	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX)	SIGNAL POLE MOUNTED SIGN (N)	INSTALL (MAST-ARM HANGER METHOD)	PEDESTRIAN BARRICADE	METAL (RAIL MOUNTED SIGN)	REMOVE ROADSIDE SIGN	RELOCATE ROADSIDE SIGN	REMARKS
			(in) X (in)	FT	FT	FT	FT	FT	EA	EA	EA	EA	EA	EA	EA	LB	EA	EA	
S-5	S5-48	R61-28(CA)															1		
	S5-49	W1-8(R†)	30 X 36	7		15			1										
	S5-50	R61-28(CA)															1		
	S5-51	W1-8(R†)	30 X 36	7		15			1										
	S5-52	R91-1(CA)	36 X 54	7			17		1										
	S5-53	W1-8(R†)	30 X 36	7		15			1										
	S5-54	W1-8(R†)	30 X 36	7		15			1										
	S5-55	R89-1(CA)	36 X 16										1						ON RAMP METER POLE
		R10-6	24 X 36																
	S5-56	R89-1(CA)	36 X 16										1						ON RAMP METER POLE
		R10-6	24 X 36																
	S5-57	R5-10a	30 X 36	7		15			1										
	S5-58	W4-7															1		
	S5-59	R5-1	36 X 36	2		13			1										
		R5-1a	36 X 24																
	S5-60	R5-1	36 X 36	2		13			1										
		R5-1a	36 X 24																
	S5-61	R5-10c	24 X 12													80			ON RETAINING WALL
	S5-62	R5-10c	24 X 12	7	12				1										
	S5-63	W1-8(R†)	30 X 36	7		15			1										
	S5-64	W1-8(R†)	30 X 36	7		15			1										
	S5-65	W1-8(R†)	30 X 36	7		15			1										
	S5-66	W1-8(R†)	30 X 36	7		15			1										
	S5-67	W1-8(R†)	30 X 36	7		15			1										
	S5-68	R91-1(CA)	36 X 54	7			17		1										
	S5-69	W1-8(R†)	30 X 36	7		15			1										
	S5-70	W1-8(R†)	30 X 36	7		15			1										
	S5-71	R61-26(CA)	48 X 30													80			ON RETAINING WALL
	S5-72	R61-26(CA)	48 X 30	7		14			1										
	S5-73	G8-4(CA)															1		
		G8-4(CA)																	
		G8-1(CA)																	
		SG33(CA)																	
	S5-74	G8-4(CA)	126 X 42	3				20				1							
		G8-4(CA)	132 X 42																
		G8-1(CA)	84 X 24																
		SG33(CA)	132 X 18																
	S5-75	R9-3	24 X 24																ON PED BARRICADE PER SIGNAL PLAN
	S5-76	CITY SIGN																1	
	S5-77	CITY SIGN																1	
	S5-78	W3-3															1		
	S5-79	R6-1(L†)	36 X 12	2	6				1										
		R6-1(R†)	36 X 12																
	S5-80	CITY SIGN																1	
SQ-6 SHEET TOTAL									19			1	2			160	5	3	

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

SIGN QUANTITIES

NO SCALE

SQ-6

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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 76 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:54:31 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301oc006.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	227	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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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

ROADSIDE SIGN QUANTITIES

SHEET No.	SIGN No.	SIGN CODE	PANEL SIZE (WxH)	POST SIZE & LENGTH (N) CLEARANCE	4.0 X 4.0	4.0 X 6.0	6.0 X 6.0	TYPE M	ROADSIDE SIGN ONE POST	ROADSIDE SIGN TWO POST	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	INSTALL ROADSIDE SIGN (LAMINATED WOOD BOX)	SIGNAL POLE MOUNTED SIGN (N)	INSTALL (MAST-ARM HANGER METHOD)	PEDESTRIAN BARRICADE	METAL (RAIL MOUNTED SIGN)	REMOVE ROADSIDE SIGN	RELOCATE ROADSIDE SIGN	REMARKS
			(in) x (in)	FT	FT	FT	FT	FT	EA	EA	EA	EA	EA	EA	EA	LB	EA	EA	
S-5	S5-81	R3-5(R+)	30 X 36	7		15			1										
	S5-82	R9-3	24 X 24												1				
	S5-83	G8-7(CA)																1	
	S5-84	R3-7(R+)															1		
	S5-85	R10-7	24 X 30											1					
	S5-86	R73-6(CA)	36 X 36											1					
	S5-87	R73-6(CA)	36 X 36											1					
	S5-88	W11-1	30 X 30	7		15			1										
		W16-1	24 X 30																
	S5-89	W11-1	30 X 30	7		15			1										
		W16-1	24 X 30																
	S5-90	R9-3	24 X 24												1				
	S5-91	R1-5R	36 X 36								1								
	S5-92	R1-5L	36 X 36								1								
	S5-93	W3-8	36 X 36										1						ON FLASHING BEACON POLE
	S5-94	W3-8	36 X 36										1						ON FLASHING BEACON POLE
S-6	S6-1	R61-26(CA)	48 X 30	7		14			1										
	S6-2	R61-26(CA)	48 X 30	7		14			1										
	S6-3	R61-28(CA)															1		
	S6-4	R61-28(CA)															1		
	S6-5	W3-3	48 X 48	7			18		1										
	S6-6	W3-3	48 X 48	7			18		1										
	S6-7	W3-3															1		
	S6-8	G84-2(CA)(10)		7			14										1		
	S6-9	R91-1(CA)	36 X 54	7			17		1										
	S6-10	R91-1(CA)	36 X 54	7			17		1										
	S6-11	R91-1(CA)	36 X 54	7			17		1										
	S6-12	R91-1(CA)	36 X 54	7			17		1										
	S6-13	W4-1(R+)															1		
	S6-14	R91-1(CA)	36 X 54	7			17		1										
	S6-15	R89-1(CA)	36 X 16										1						ON RAMP METER POLE
		R10-6	24 X 36																
	S6-16	R89-1(CA)	36 X 16										1						ON RAMP METER POLE
		R10-6	24 X 36																
	S6-17	W4-1	48 X 48	7			18		1										
	S6-18	R53B(CA)	48 X 60	7			17		1										
	S6-19	R53B(CA)	48 X 60	7			17		1										
S-7	S7-1	G84-2(CA)(10)	54 X 48						1										
	S7-2	W9-1(R+)	48 X 48	7			18		1										
	S7-3	W4-2(R+)	48 X 48	7			18		1										
SQ-7 SHEET TOTAL									18		2		4	3	2		6	1	
TOTAL									103	10	3	2	12	9	3	160	63	8	

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

SIGN QUANTITIES

NO SCALE

SQ-7

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 77 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:54:43 AM

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

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301oc007.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	229	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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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

CONTRACTOR FURNISHED SIGNS

SHEET No.	SIGN No.	SIGN CODE	SIGN SIZE (L X D)			SIGN AREA	SINGLE FACED	DOUBLE FACED	BACKGROUND		LEGEND		GRAFFITI FILM		FURNISH SINGLE SHEET				DESCRIPTION (REMARKS)
									SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	STANDARD	PREMIUM	FRAMED ALUMINUM 0.063"	FRAMED ALUMINUM 0.080"	UNFRAMED ALUMINUM 0.063"	UNFRAMED ALUMINUM 0.080"	
			(in)	X	(in)	SQFT									SQFT	SQFT	SQFT	SQFT	
S-2	S2-1	W4-2(Rt)	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S2-2	W9-1(Rt)	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S2-3	W4-7(Lt)	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S2-4	R18A(CA)(Rt)	66	X	48	22	X		WHITE	III	BLACK	Non		X	22				
S-3	S3-1	W4-1	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S3-3	R89-1(CA)	36	X	16	4	X		WHITE	III	BLACK	Non		X			4		
		R10-6	24	X	36	6	X		WHITE	III	BLACK	Non		X			6		
	S3-4	R89-1(CA)	36	X	16	4	X		WHITE	III	BLACK	Non		X			4		
		R10-6	24	X	36	6	X		WHITE	III	BLACK	Non		X			6		
	S3-5	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S3-6	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S3-8	G84-2(CA)(10)	54	X	48	18	X		GREEN	IV	WHITE	IV		X				18	
	S3-13	W3-3	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S3-14	W3-3	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S3-16	R53B(CA)	48	X	60	20	X		WHITE	III	BLACK	Non		X	20				
	S3-17	R53B(CA)	48	X	60	20	X		WHITE	III	BLACK	Non		X	20				
S-4	S4-4	R5-1	36	X	36	9	X		WHITE	II	RED	II		X			9		
		R5-1a	36	X	24	6	X		RED	IV	WHITE	IV		X			6		
	S4-5	R6-1(Lt)	36	X	12	3	X		WHITE	III	BLACK	Non		X			3		
		R6-1(Rt)	36	X	12	3	X		WHITE	III	BLACK	Non		X			3		
	S4-6	R61-26(CA)	48	X	30	10	X		WHITE	III	BLACK	Non		X				10	
	S4-7	R9-3	24	X	24	4	X		WHITE	III	BLACK/RED	III		X			4		
	S4-9	R6-1(Lt)	36	X	12	3	X		WHITE	III	BLACK	Non		X			3		
		R6-1(Rt)	36	X	12	3	X		WHITE	III	BLACK	Non		X			3		
	S4-10	R5-1	36	X	36	9	X		WHITE	II	RED	II		X			9		
		R5-1a	36	X	24	6	X		RED	IV	WHITE	IV		X			6		
	S4-11	G92(CA)	48	X	30	10	X		GREEN	IV	WHITE	IV		X				10	
		G27-2(CA)	42	X	36	10.5	X		BLUE/RED	IV	WHITE	IV		X			10.5		
		M3-3	24	X	12	2	X		BLUE	II	WHITE	II		X			2		
		M6-2a	21	X	15	2.1875	X		BLUE	II	WHITE	II		X			2.19		
	S4-12	R5-10c	24	X	12	2	X		WHITE	III	BLACK	Non		X			2		
	S4-13	R61-26(CA)	48	X	30	10	X		WHITE	III	BLACK	Non		X				10	
	S4-14	W4-14(CA)(20)	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S4-15	R5-10c	24	X	12	2	X		WHITE	III	BLACK	Non		X			2		
	S4-16	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S4-18	G8-4(CA)	##	X	42	36.75	X		GREEN	IV	WHITE	IV		X		36.75			
		G8-4(CA)	##	X	42	38.5	X		GREEN	IV	WHITE	IV		X		38.5			
		G8-1(CA)	84	X	24	14	X		GREEN	IV	WHITE	IV		X		14			
		SG33(CA)	##	X	18	16.5	X		BROWN	III	WHITE	III		X		16.5			
	S4-19	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-20	R9-3	24	X	24	4	X		WHITE	III	BLACK/RED	III		X			4		
	S4-21	R5-10a	30	X	36	7.5	X		WHITE	III	BLACK	Non		X			7.5		
	S4-22	R5-10a	30	X	36	7.5	X		WHITE	III	BLACK	Non		X			7.5		
	S4-23	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-24	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-25	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-26	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-28	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-30	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
SQ-9 SHEET TOTAL															62	106	203	160	

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

SIGN QUANTITIES

NO SCALE

SQ-9

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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 78 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:54:46 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301oc009.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	230	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

CONTRACTOR FURNISHED SIGNS

SHEET No.	SIGN No.	SIGN CODE	SIGN SIZE (L X D)			SIGN AREA	SINGLE FACED	DOUBLE FACED	BACKGROUND		LEGEND		GRAFFITI FILM		FURNISH SINGLE SHEET				DESCRIPTION (REMARKS)
									SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	STANDARD	PREMIUM	FRAMED ALUMINUM 0.063"	FRAMED ALUMINUM 0.080"	UNFRAMED ALUMINUM 0.063"	UNFRAMED ALUMINUM 0.080"	
			(in)	X	(in)	SQFT									SQFT	SQFT	SQFT	SQFT	
S-4	S4-32	W1-8(R+)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-33	W1-8(R+)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-34	W1-8(R+)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-35	W1-8(R+)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-36	W1-8(R+)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S4-37	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S4-38	R89-1(CA)	36	X	16	4	X		WHITE	III	BLACK	Non		X			4		
		R10-6	24	X	36	6	X		WHITE	III	BLACK	Non		X			6		
	S4-39	R89-1(CA)	36	X	16	4	X		WHITE	III	BLACK	Non		X			4		
		R10-6	24	X	36	6	X		WHITE	III	BLACK	Non		X			6		
	S4-40	G92(CA)	48	X	30	10	X		GREEN	IV	WHITE	IV		X				10	
		G27-2(CA)	42	X	36	10.5	X		BLUE/RED	IV	WHITE	IV		X			10.5		
		M3-3	24	X	12	2	X		BLUE	II	WHITE	II		X			2		
		M6-2a	21	X	15	2.1875	X		BLUE	II	WHITE	II		X			2.19		
	S4-42	G78-1(CA)	60	X	42	17.5	X		GREEN	IV	WHITE	IV		X	17.5				
	S4-47	R3-7(R+)	30	X	30	6.25	X		WHITE	III	BLACK	Non		X			6.25		
	S4-50	R3-7(R+)	30	X	30	6.25	X		WHITE	III	BLACK	Non		X			6.25		
	S4-52	G77-4(CA)	72	X	54	27	X		GREEN	IV	WHITE	IV		X	27				
	S4-55	R3-18	36	X	36	9	X		WHITE	III	BLACK/RED	III		X			9		
	S4-57	G92(CA)	48	X	30	10	X		GREEN	IV	WHITE	IV		X				10	
		G27-2(CA)	42	X	36	10.5	X		BLUE/RED	IV	WHITE	IV		X			10.5		
		M3-3	24	X	12	2	X		BLUE	II	WHITE	II		X			2		
		M6-2a	21	X	15	2.1875	X		BLUE	II	WHITE	II		X			2.19		
	S4-58	G92(CA)	48	X	30	10	X		GREEN	IV	WHITE	IV		X				10	
		G27-2(CA)	42	X	36	10.5	X		BLUE/RED	IV	WHITE	IV		X			10.5		
		M3-3	24	X	12	2	X		BLUE	II	WHITE	II		X			2		
		M6-2a	21	X	15	2.1875	X		BLUE	II	WHITE	II		X			2.19		
	S4-59	R9-3	24	X	24	4	X		WHITE	III	BLACK/RED	III		X			4		
	S4-61	R5-10a	30	X	36	7.5	X		WHITE	III	BLACK	Non		X			7.5		
	S4-62	R5-10a	30	X	36	7.5	X		WHITE	III	BLACK	Non		X			7.5		
	S4-63	R3-4	36	X	36	9	X		WHITE	III	BLACK/RED	III		X				10	
	S4-65	R3-18	36	X	36	9	X		WHITE	III	BLACK/RED	III		X			9		
	S4-68	R9-3	24	X	24	4	X		WHITE	III	BLACK/RED	III		X			4		
	S4-69	W4-7(L+)	36	X	36	9	X		YELLOW	III	BLACK	Non		X			9		
	S4-71	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S4-73	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S4-77	W4-1	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S4-78	G78-1(CA)	60	X	42	17.5	X		GREEN	IV	WHITE	IV		X	17.5				
		R3-7(R+)	30	X	30	6.25	X		WHITE	III	BLACK	Non		X			6.25		
	S4-80	W11-1	30	X	30	6.25	X		YELLOW	III	BLACK	Non		X			6.25		
		W16-1	24	X	30	5	X		YELLOW	III	BLACK	Non		X			5		
	S4-81	W11-1	30	X	30	6.25	X		YELLOW	III	BLACK	Non		X			6.25		
		W16-1	24	X	30	5	X		YELLOW	III	BLACK	Non		X			5		
	S4-82	W3-8	36	X	36	9	X		YELLOW	III	BLACK	Non		X			9		
	S4-83	W3-8	36	X	36	9	X		YELLOW	III	BLACK	Non		X			9		
S-5	S5-1	W4-1(R+)	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S5-3	G92(CA)	48	X	30	10	X		GREEN	IV	WHITE	IV		X				10	
		G27-2(CA)	42	X	36	10.5	X		BLUE/RED	IV	WHITE	IV		X			10.5		
		M3-1	24	X	12	2	X		BLUE	II	WHITE	II		X			2		
		M6-2a	21	X	15	2.1875	X		BLUE	II	WHITE	II		X			2.19		
	S5-8	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
SQ-10 SHEET TOTAL															62		280	82	

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

SIGN QUANTITIES

NO SCALE

SQ-10

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 79 OF 115

DATE PLOTTED => 11/6/2014
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ROSALVA URENO | KEITH RAND
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | Caltrans

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301oc010.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	231	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

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

CONTRACTOR FURNISHED SIGNS

SHEET No.	SIGN No.	SIGN CODE	SIGN SIZE (L X D)			SIGN AREA	SINGLE FACED	DOUBLE FACED	BACKGROUND		LEGEND		GRAFFITI FILM		FURNISH SINGLE SHEET				DESCRIPTION (REMARKS)
									SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	STANDARD	PREMIUM	FRAMED ALUMINUM 0.063"	FRAMED ALUMINUM 0.080"	UNFRAMED ALUMINUM 0.063"	UNFRAMED ALUMINUM 0.080"	
			(in)	X	(in)	SQFT									SQFT	SQFT	SQFT	SQFT	
S-5	S5-9	R5-10a	30	X	36	7.5			WHITE	III	BLACK	Non		X			7.5		
	S5-10	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S5-12	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-13	R5-10a	30	X	36	7.5	X		WHITE	III	BLACK	Non		X			7.5		
	S5-14	W4-7(Lt)	36	X	36	9	X		YELLOW	III	BLACK	Non		X			9		
	S5-16	R3-1	36	X	36	9	X		WHITE	III	BLACK/RED	III		X			9		
	S5-17	R9-3	24	X	24	4	X		WHITE	III	BLACK/RED	III		X			4		
	S5-19	R9-3	24	X	24	4	X		WHITE	III	BLACK/RED	III		X			4		
	S5-20	G92(CA)	48	X	30	10	X		GREEN	IV	WHITE	IV		X				10	
		G27-2(CA)	42	X	36	10.5	X		BLUE/RED	IV	WHITE	IV		X			10.5		
		M3-1	24	X	12	2	X		BLUE	II	WHITE	II		X			2		
		M6-2a	21	X	15	2.1875	X		BLUE	II	WHITE	II		X			2.19		
	S5-21	G92(CA)	48	X	30	10	X		GREEN	IV	WHITE	IV		X				10	
		G27-2(CA)	42	X	36	10.5	X		BLUE/RED	IV	WHITE	IV		X			10.5		
		M3-1	24	X	12	2	X		BLUE	II	WHITE	II		X			2		
		M6-2a	21	X	15	2.1875	X		BLUE	II	WHITE	II		X			2.19		
	S5-22	R3-18	36	X	36	9	X		WHITE	III	BLACK/RED	III		X			9		
	S5-23	R3-18	36	X	36	9	X		WHITE	III	BLACK/RED	III		X			9		
	S5-25	R3-7(Rt)	30	X	30	6.25	X		WHITE	III	BLACK	Non		X			6.25		
	S5-28	G77-4(CA)	72	X	54	27	X		GREEN	IV	WHITE	IV		X	27				
	S5-31	W4-7(Lt)	36	X	36	9	X		YELLOW	III	BLACK	Non		X			9		
	S5-33	R10-7	24	X	30	5	X		WHITE	III	BLACK	Non		X			5		
	S5-35	W4-14(CA)(20)	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S5-39	R5-10a	30	X	36	7.5	X		WHITE	III	BLACK	Non		X			7.5		
	S5-40	G92(CA)	48	X	30	10	X		GREEN	IV	WHITE	IV		X				10	
		G27-2(CA)	42	X	36	10.5	X		BLUE/RED	IV	WHITE	IV		X			10.5		
		M3-1	24	X	12	2	X		BLUE	II	WHITE	II		X			2		
		M6-2a	21	X	15	2.1875	X		BLUE	II	WHITE	II		X			2.19		
	S5-43	R6-1(Lt)	36	X	12	3	X		WHITE	III	BLACK	Non		X			3		
		R6-1(Rt)	36	X	12	3	X		WHITE	III	BLACK	Non		X			3		
	S5-44	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-45	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S5-46	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-47	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-49	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-51	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-52	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S5-53	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-54	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-55	R89-1(CA)	36	X	16	4	X		WHITE	III	BLACK	Non		X			4		
		R10-6	24	X	36	6	X		WHITE	III	BLACK	Non		X			6		
	S5-56	R89-1(CA)	36	X	16	4	X		WHITE	III	BLACK	Non		X			4		
		R10-6	24	X	36	6	X		WHITE	III	BLACK	Non		X			6		
	S5-57	R5-10a	30	X	36	7.5	X		WHITE	III	BLACK	Non		X			7.5		
	S5-59	R5-1	36	X	36	9	X		WHITE	II	RED	II		X			9		
		R5-1a	36	X	24	6	X		RED	IV	WHITE	IV		X			6		
	S5-60	R5-1	36	X	36	9	X		WHITE	II	RED	II		X			9		
		R5-1a	36	X	24	6	X		RED	IV	WHITE	IV		X			6		
	S5-61	R5-10c	24	X	12	2	X		WHITE	III	BLACK	Non		X			2		
SQ-11 SHEET TOTAL															27		297	46	

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

SIGN QUANTITIES

NO SCALE

SQ-11

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 80 OF 115

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TIME PLOTTED => 10:54:52 AM
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ROSALVA URENO | KEITH RAND
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

BORDER LAST REVISED 7/2/2010

USERNAME => kent_ko
DGN FILE => ...\0800000301oc011.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	232	475

REGISTERED CIVIL ENGINEER — 04-15-14 DATE

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

04-15-2014
PLANS APPROVAL DATE

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URS CORPORATION
2020 EAST FIRST STREET,
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RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT
4080 LEMON STREET 8th FLOOR
RIVERSIDE, CA 92502

CONTRACTOR FURNISHED SIGNS

SHEET No.	SIGN No.	SIGN CODE	SIGN SIZE (L X D)			SIGN AREA	SINGLE FACED	DOUBLE FACED	BACKGROUND		LEGEND		GRAFFITI FILM		FURNISH SINGLE SHEET				DESCRIPTION (REMARKS)
									SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	SHEETING COLOR	RETROREFLECTIVE ASTM TYPE	STANDARD	PREMIUM	FRAMED ALUMINUM 0.063"	FRAMED ALUMINUM 0.080"	UNFRAMED ALUMINUM 0.063"	UNFRAMED ALUMINUM 0.080"	
			(in)	X	(in)	SQFT									SQFT	SQFT	SQFT	SQFT	
S-5	S5-62	R5-10c	24	X	12	2	X		WHITE	III	BLACK	Non		X			2		
	S5-63	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-64	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-65	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-66	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-67	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-68	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S5-69	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-70	W1-8(Rt)	30	X	36	7.5	X		YELLOW	III	BLACK	Non		X			7.5		
	S5-71	R61-26(CA)	48	X	30	10	X		WHITE	III	BLACK	Non		X				10	
	S5-72	R61-26(CA)	48	X	30	10	X		WHITE	III	BLACK	Non		X				10	
	S5-74	G8-4(CA)	##	X	42	36.75	X		GREEN	IV	WHITE	IV		X		36.75			
		G8-4(CA)	##	X	42	38.5	X		GREEN	IV	WHITE	IV		X		38.5			
		G8-1(CA)	84	X	24	14	X		GREEN	IV	WHITE	IV		X		14			
		SG33(CA)	##	X	18	16.5	X		BROWN	III	WHITE	III		X		16.5			
	S5-75	R9-3	24	X	24	4	X		WHITE	III	BLACK/RED	III		X			4		
	S5-79	R6-1(Lt)	36	X	12	3	X		WHITE	III	BLACK	Non		X			3		
		R6-1(Rt)	36	X	12	3	X		WHITE	III	BLACK	Non		X			3		
	S5-81	R3-5(Rt)	30	X	36	7.5	X		WHITE	III	BLACK	Non		X			7.5		
	S5-82	R9-3	24	X	24	4	X		WHITE	III	BLACK/RED	III		X			4		
	S5-85	R10-7	24	X	30	5	X		WHITE	III	BLACK	Non		X			5		
	S5-86	R73-6(CA)	36	X	36	9	X		WHITE	III	BLACK	Non		X			9		
	S5-87	R73-6(CA)	36	X	36	9	X		WHITE	III	BLACK	Non		X			9		
	S5-88	SG33(CA)	30	X	30	6.25	X		YELLOW	III	BLACK	Non		X			6.25		
		W16-1	24	X	30	5	X		YELLOW	III	BLACK	Non		X			5		
	S5-89	W11-1	30	X	30	6.25	X		YELLOW	III	BLACK	Non		X			6.25		
		W16-1	24	X	30	5	X		YELLOW	III	BLACK	Non		X			5		
	S5-90	R9-3	24	X	24	4	X		WHITE	III	BLACK/RED	III		X			4		
	S5-91	R1-5R	36	X	36	9	X		WHITE	III	BLACK/RED	III		X			9		
	S5-92	R1-5L	36	X	36	9	X		WHITE	III	BLACK/RED	III		X			9		
	S5-93	W3-8	36	X	36	9	X		YELLOW	III	BLACK	Non		X			9		
	S5-94	W3-8	36	X	36	9	X		YELLOW	III	BLACK	Non		X			9		
S-6	S6-1	R61-26(CA)	48	X	30	10	X		WHITE	III	BLACK	Non		X				10	
	S6-2	R61-26(CA)	48	X	30	10	X		WHITE	III	BLACK	Non		X				10	
	S6-5	W3-3	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S6-6	W3-3	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S6-9	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S6-10	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S6-11	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S6-12	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S6-14	R91-1(CA)	36	X	54	13.5	X		WHITE	III	BLACK	Non		X			13.5		
	S6-15	R89-1(CA)	36	X	16	4	X		WHITE	III	BLACK	Non		X			4		
		R10-6	24	X	36	6	X		WHITE	III	BLACK	Non		X			6		
	S6-16	R89-1(CA)	36	X	16	4	X		WHITE	III	BLACK	Non		X			4		
		R10-6	24	X	36	6	X		WHITE	III	BLACK	Non		X			6		
	S6-17	W4-1	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S6-18	R53B(CA)	48	X	60	20	X		WHITE	III	BLACK	Non		X	20				
	S6-19	R53B(CA)	48	X	60	20	X		WHITE	III	BLACK	Non		X	20				
S-7	S7-1	G84-2 CA)(10)	54	X	48	18	X		GREEN	IV	WHITE	IV		X				18	
	S7-2	W9-1(Rt)	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
	S7-3	W4-2(Rt)	48	X	48	16	X		YELLOW	III	BLACK	Non		X				16	
SQ-12 SHEET TOTAL															40	106	263	138	
TOTAL															191	212	1042	426	

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

SIGN QUANTITIES

NO SCALE

SQ-12

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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 81 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 10:54:55 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => kent_ko | DGN FILE => ...\0800000301oc012.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

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

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLEBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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

PAVEMENT

STATION	LOCATION	HOT MIX ASPHALT (TYPE A) (TON)	HOT MIX ASPHALT (TYPE C) (TON)	RUBBERIZED HOT MIX ASPHALT (GAP GRADED) (TON)	CLASS 2 AGGREGATE BASE (CY)	COLD PLANE ASPHALT CONCRETE PAVEMENT (SQYD)	JOINTED PLAIN CONCRETE PAVEMENT (CY)	LEAN CONCRETE BASE (CY)	JOINT SEAL (PREFORMED COMPRESSION) (LF)	ISOLATION JOINT SEAL (SILICONE) (LF)	TACK COAT (TON)	LIQUID ASPHALT (PRIME COAT) (TON)	REMOVE ASPHALT CONCRETE PAVEMENT (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	2,864			
"C" 9+01 TO "A" 530+40									9,675	2,082			
"D" 15+48 TO "A" 552+64									13,714	2,446			
"E" 20+17 TO "A" 538+96									10,049	1,610			
"A" 506+05 TO "F" 27+61									9,189	1,997			
"A" 484+37 TO "G" 21+20									16,909	2,865			
"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"		174			32								2,555
"DE-C"		210			162								
"DE-D"		273			211								
"DE-F"		252			195								
"DE-G"		1,932			374								11,940
TEMPORARY HMA CURB RAMPS													195
"A" RUMBLE STRIP REMOVAL*		1,065				10,665					0.02	0.11	
TOTAL		7,935	9,447	4,768	5,967	98,457	19,982	7,912	73,306	13,864	60.9	210.6	14,690

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

RUMBLE STRIP

STATION	LOCATION	SHOULDER RUMBLE STRIP (CONCRETE PAVEMENT, GROUND-IN INDENTATIONS) (STA)	SHOULDER RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS) (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) (SQYD)	HOT MIX ASPHALT (TYPE A) (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

SUMMARY OF QUANTITIES

NO SCALE **Q-1**

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 82 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:56:33 AM

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: CATHERINE LAMPON
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301pa001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	234	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLBRAND
No. 65410
Exp. 9/30/15
CIVIL
STATE OF CALIFORNIA

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RIVERSIDE COUNTY
TRANSPORTATION DEPARTMENT
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RIVERSIDE, CA 92502

MINOR CONCRETE

LOCATION	STATION	CURB (TYPE A1-6) (CY)	CURB (TYPE A2-6) (CY)	CURB (TYPE B2-6) (CY)	CURB (TYPE B2-4) (CY)	PORTLAND CEMENT CONCRETE CURB (TYPE C) (CY)	PORTLAND CEMENT CONCRETE CURB (TYPE E) (CY)	PORTLAND CEMENT CONCRETE CURB (TYPE F) (CY)	SIDEWALK (CY)	CURB RAMP (CY)	ISLAND PAVING (CY)	GUTTER (CY)	VEGETATION CONTROL (SQYD)
"N" 508+10.62 TO "N" 514+51.99	Lt			43					49	2			
"N" 508+53.87 TO "N" 513+87.63	Rt			33									
"N" 513+92.78 TO "N" 517+83.47	Rt			24									
"F" 25+26.99 TO "E" 22+53.86	Rt				28					5			
"N" 515+52.99 TO "N" 518+36.57	Lt			19					17	3	3		
"N" 521+83.33 TO "D" 16+10.7	Lt			29					46	1			
"D" 16+11 TO "N" 532+61.86	Lt/Rt			47					63	3			
"N" 523+82.12 TO "B" 17+95.19	Rt			12									
"N" 526+41.86 TO "N" 529+84.30	Rt			26									
"N" 530+02.05 TO "N" 530+07.38	Rt	1											
"N" 530+24.69 TO "N" 532+59.92	Rt			17					5	1			
"N" 508+08.64 TO "N" 508+10.62	Lt											11	
"N" 529+49.90 TO "N" 530+59.69	Rt											29	
"B" 14+09 TO "B" 15+43	Rt		8										
"B" 10+64.96 TO "B" 12+34.9	Rt							1.1					
"B" 17+31.15 TO "B" 17+95.19	Lt						0.8						
"D" 16+11 TO "D" 23+03	Rt					0.2	7.3	0.3					
"E" 22+53.86 TO "E" 24+03.64	Rt						2.0						
"E" 24+15 TO "E" 27+10.38	Lt					1.1							
"N" 513+87.83 TO "G" 17+78.69	Lt/Rt						4.2						
"N" 517+83.47 TO "N" 518+71.23	Rt					0.2		0.2					
"N" 522+18.95 TO "C" 8+90.19	Rt						1.9						
"A" 543+64 TO "A" 545+50	Rt						2.4						
"A" 489+40± TO "A" 490+45±	Rt												41
"A" 502+40± TO "A" 503+44±	Rt												39
"A" 538+22± TO "A" 539+10±	Rt												24
"A" 538+57± TO "A" 540+06±	Lt												69
"B" 8+24± TO "B" 12+35±	Rt												112
"B" 14+00± TO "B" 14+87±	Lt												24
"C" 9+53± TO "C" 11+80±	Lt												65
"C" 16+53± TO "C" 18+92±	Rt												72
"D" 16+11± TO "D" 17+33±	Rt												31
"D" 31+88± TO "D" 33+01±	Rt												31
"E" 20+63± TO "E" 27+91±	Lt												208
"F" 17+18± TO "F" 20+05±	Lt												62
"G" 10+00± TO "G" 11+13±	Lt												76
"N" 530+32± TO "N" 531+27±	Lt												63
"N" 517+91± TO "N" 518+71±	Rt												36
"N" 521+82± TO "N" 522+62±	Lt												36
SUBTOTAL		1	8	250	28	1.5	19	2	179	15	3	40	989
TOTAL		309							179	15	3	40	989

MGS

STATION	LOCATION	MIDWEST GUARD RAIL SYSTEM (LF)	ALTERNATIVE FLARED TERMINAL SYSTEM (EA)	ALTERNATIVE IN-LINE TERMINAL SYSTEM (EA)	TRANSITION RAILING (TYPE WB-31) (EA)	END CAP (TYPE TC) (EA)	END CAP (TYPE A) (EA)	END ANCHOR ASSEMBLY (TYPE SFT) (EA)
"A" 489+95.5 TO "A" 490+33	Rt	38	1					1
"A" 502+94.5 TO "A" 503+32	Rt	38	1					1
"A" 538+35 TO "A" 539+09.8	Rt			1	1	1		
"A" 537+68.8 TO "A" 540+06	Lt	238					1	1
"B" 8+84 TO "B" 12+08.7	Rt	319		1	1	1		
"B" 14+12.1 TO "B"14+87.1	Lt			1	1	1		
"C" 10+13.3 TO "C" 11+71.7	Rt	163		1				1
"C" 17+05 TO "C" 18+80.2	Rt	175	1					1
"D" 16+11 TO "D" 17+15.4	Rt	50		1				1
"D" 32+37 TO "D" 32+99.5	Rt	63		1				1
"N" 514+51.99 TO "E" 27+36	Lt	663	1					1
"F" 17+93.7 TO "F" 19+44	Lt	150		1				1
"G" 10+12.7 TO "G" 10+50.2	Lt	38	1					1
"N" 518+46.23 TO "N" 518+71.23	Rt		1		1	1		
"N" 521+81.7 TO "N" 522+44	Lt		1		1	1		
"N" 530+32.1 TO "N" 531+07	Lt			1	1	1		
TOTAL		1934	7	8	6	6	1	10

DETECTABLE WARNING SURFACE

STATION	LOCATION	(SQFT)
"N" 514+99.99 TO "N" 515+34.50	Lt	52
TOTAL		52

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

SUMMARY OF QUANTITIES

NO SCALE

Q-2

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 83 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:56:44 AM

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CALCULATED-DESIGNED BY: LESLEY WANG
CHECKED BY: CATHERINE LAMPON
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301pa002.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Stephanie Hillebrand 04-15-14
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REGISTERED PROFESSIONAL ENGINEER
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SANTA ANA, CA 92705

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

CONCRETE BARRIER

STATION	LOCATION	TYPE 736 MODIFIED	TYPE 60GE	TYPE 60C	TYPE 60
		(LF)	(LF)	(LF)	(LF)
"B" 12+34.9 TO "B" 13+20	R†				81
"B" 13+20 TO "B" 14+12.65	R†	89			
"A" 516+00 TO "A" 516+68				68	
"A" 516+68 TO "A" 520+06	L†/R†		378		
"A" 520+06 TO "A" 521+00				95	
TOTAL		89	378	162	81

ROCK BLANKET

STATION	LOCATION	ROCK BLANKET
		(SQYD)
"A" 506+05 TO "A" 507+44	L†	249
"A" 507+06 TO "A" 508+07	R†	175
"A" 518+18 TO "A" 519+31	L†	192
"E" 20+21 TO "E" 22+54	R†	380
"F" 18+05 TO "F" 19+50	L†	2,041
"G" 18+00 TO "G" 21+30	R†	1,165
"C" 9+00 TO "C" 13+00	L†	1,195
"C" 17+36 TO "C" 18+78	R†	1,258
"A" 518+03 TO "A" 519+62	R†	269
"D" 16+10 TO "D" 17+97	L†	538
"A" 528+90 TO "A" 530+40	R†	291
"A" 533+32 TO "A" 534+85	L†	263
TOTAL		8,015

IRRIGATION CROSSOVERS

LOCATION LINE	STATION	SIDE L†	SIDE R†	CONDUIT TYPE (1) SIZE (INCH) 12	LENGTH (LF)	(N) WATER LINE CROSSOVER SIZE (INCH)	(N) SPRINKLER CONTROL CROSSOVER SIZE (INCH)
"B"	10+90			38		1.5	1.5
"C"	14+25			46		1.5	1.5
"D"	18+70			40		1.5	1.5
"E"	12+83			55		1.5	1.5
"F"	24+50			44		1.5	1.5
"G"	16+30			52		1.5	1.5
"N"	517+50			134		1.5	1.5
"N"	522+75			152		1.5	1.5
TOTAL				852			

(N) - NOT A SEPARATE PAY ITEM FOR INFORMATION ONLY
X - DENOTES REQUIREMENT

CONDUIT TYPE:
(APPLICABLE WHEN CIRCLED BELOW AND SHOWN UNDER THE 'CONDUIT TYPE' COLUMN HEADING)

(1) BITUMINOUS COATED CORRUGATED STEEL PIPE (0.064 INCH THICK)
2 CORRUGATED STEEL PIPE (0.064 INCH THICK)
3 CORRUGATED HIGH DENSITY POLYETHYLENE PIPE
4 ALTERNATIVE CONDUIT
5 WELDED STEEL PIPE

TEMPORARY FENCE (TYPE CL-6)

STATION	LOCATION	TEMPORARY FENCE (TYPE CL-6)
		(LF)
"B" 12+15 TO "N" 532+17	R†	1366
"N" 532+50 TO "D" 29+65.9	L†/R†	2027
"N" 510+46.4 TO "N" 513+72.8	L†	344
TOTAL		3737

EARTHWORK

STATION	LOCATION	ROADWAY EXCAVATION	EMBANKMENT (N)	IMPORTED BORROW
		(CY)	(CY)	(CY)
"A" 484+00 TO "A" 554+00	L†/R†	39,425	21,777	21,777
"B" 4+65 TO "B" 18+50	L†/R†	5,340	24,130	20,361
"C" 9+00 TO "C" 25+85	L†/R†	50,694	19,613	2,819
"D" 15+50 TO "D" 36+64	L†/R†	11,839	38,667	30,023
"E" 20+50 TO "E" 37+55	L†/R†	3,352	36,298	34,245
"F" 12+48 TO "F" 27+50	L†/R†	32,202	14,411	2,516
"G" 0+37 TO "G" 22+04	L†/R†	5,253	41,529	38,851
"N" 508+12 TO "N" 532+63	L†/R†	10,026	23,252	13,226
"DE-B"	L†/R†	272	219	
"DE-C"	L†/R†	756	489	
"DE-D"	L†/R†	4,091	3,735	
"DE-F"	L†/R†	719	377	
"DE-G"	L†/R†	1064	448	
TOTAL		165,033		163,818

GRADING FACTOR = 1.0

CHAIN LINK FENCE

STATION	LOCATION	TYPE CL-6	TYPE CL-3.5	6' GATE (TYPE CL-6)	16' GATE (TYPE CL-6)
		(LF)	(LF)	(EA)	(EA)
"B" 12+15 TO "B" 13+40	R†	119			
"B" 13+40 TO "B" 14+12.65	R†		70		
"N" 530+40 TO "A" 539+30	L†/R†	2761		2	
"N" 529+52.1 TO "D" 16+16.2	L†/R†		504		
"B" 15+57 TO "N" 529+50	R†	622			
"N" 510+46.4 TO "N" 513+72.8	L†	327		1	
"E" 31+03.1 TO "E" 31+09.3	L†			1	
"G" 16+56.1 TO "G" 16+76	L†				1
TOTAL		3829	574	4	1

TEMPORARY FENCE (TYPE ESA)

STATION	LOCATION	TEMPORARY FENCE (TYPE ESA)
		(LF)
"A" 483+00 TO "A" 504+50	L†	2150
"A" 539+25 TO "A" 543+70	R†	453
TOTAL		2603

TEMPORARY WATER POLLUTION CONTROL

TEMPORARY CONSTRUCTION ENTRANCE/EXIT	TEMPORARY DRAINAGE INLET PROTECTION	TEMPORARY FIBER ROLL	TEMPORARY GRAVEL BAG BERM	TEMPORARY SILT FENCE	TEMPORARY SOIL BINDER	TEMPORARY COVER	TEMPORARY CHECK DAM	TEMPORARY CONSTRUCTION ROADWAY
(EA)	(EA)	(FT)	(FT)	(FT)	(SQYD)	(SQYD)	(FT)	(SQYD)
12	66	111482	3422	14164	173050	3030	629	300

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

SUMMARY OF QUANTITIES

NO SCALE

Q-3

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 84 OF 115

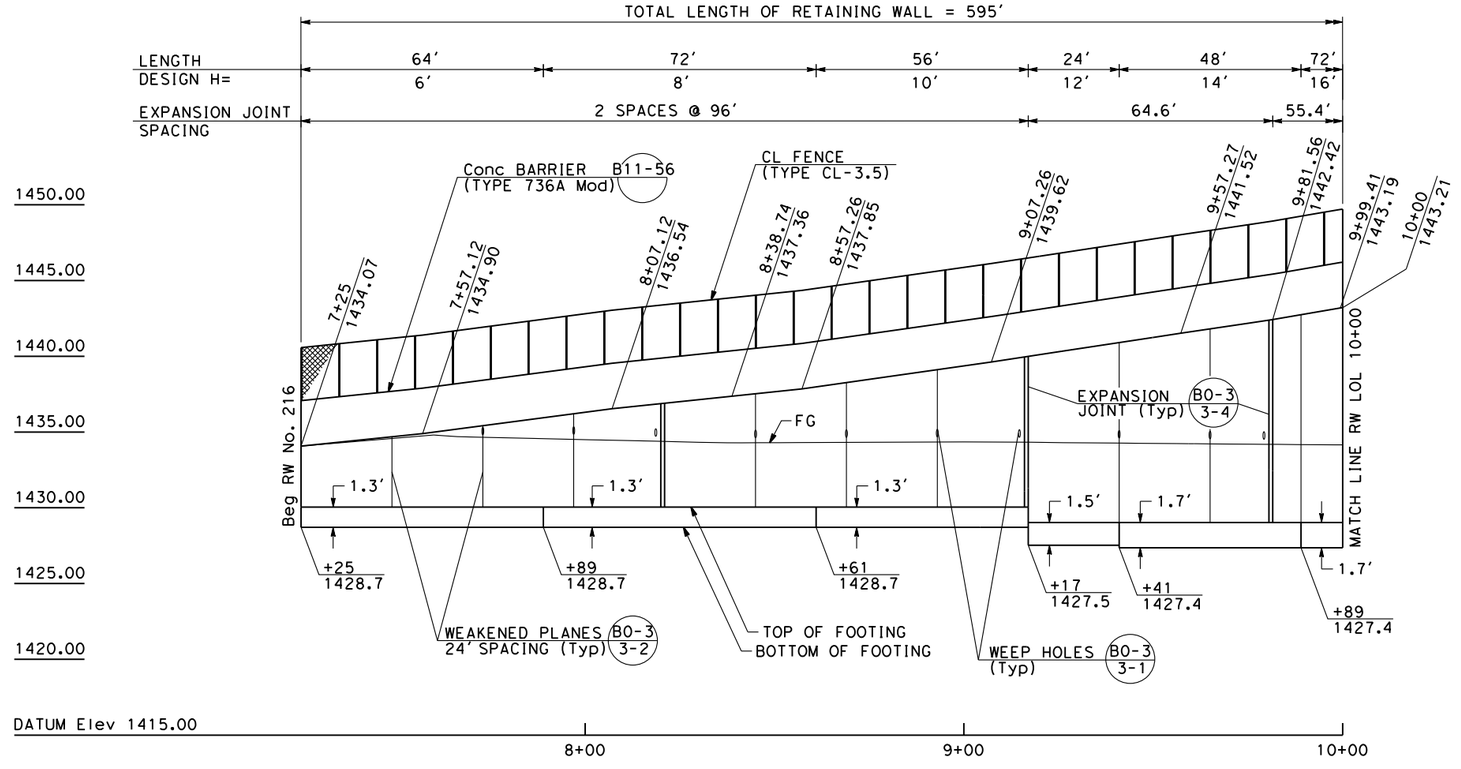
LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:56:48 AM

REVISED BY | DATE REVISED
LESLEY WANG | CATHERINE LAMPON
CALCULATED-DESIGNED BY | CHECKED BY
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301pa003.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

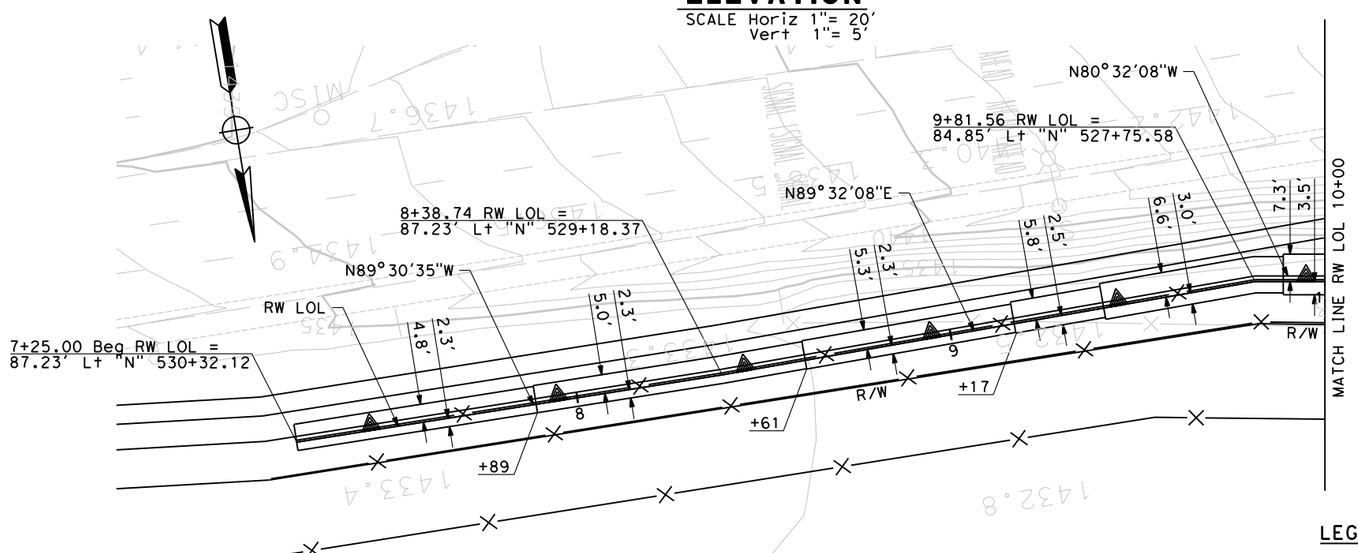
NOTE:

FOR CHAIN LINK FENCE CONNECTION TO CONCRETE BARRIER, SEE CONSTRUCTION DETAILS.



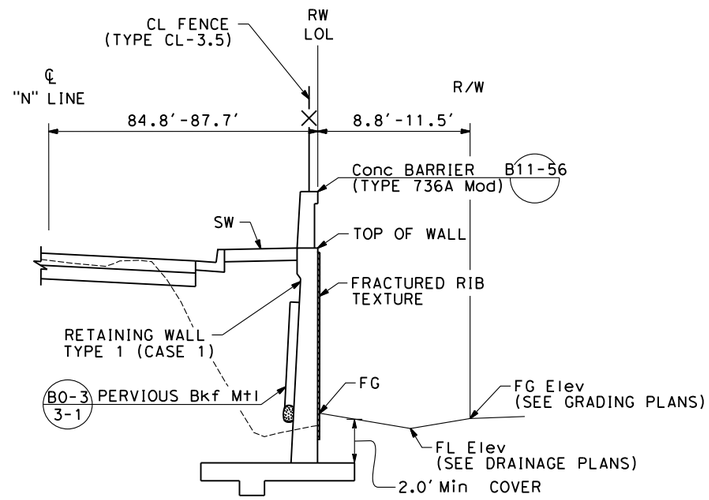
ELEVATION

SCALE Horiz 1"= 20'
Vert 1"= 5'



PLAN

SCALE 1"= 20'



Sta RW LOL 7+25.22 TO 10+00.00

TYPICAL SECTION

NO SCALE

LEGEND:

B0-3 3-1 — STANDARD PLAN SHEET No. / DETAIL No.

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

THIS PLAN ACCURATE FOR RETAINING WALL WORK ONLY

RETAINING WALL PLAN
RW No. 216

SCALE AS SHOWN

R-10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	247	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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

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

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

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 85 OF 115

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: MICHAEL LYNDE
CHECKED BY: CATHERINE LAMPON
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

LAST REVISION DATE PLOTTED => 11/6/2014
00-00-00 TIME PLOTTED => 8:56:59 AM

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301qc001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	248	475

Stephanie Hillbrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — STEPHANIE HILLBRAND — No. 65410 — Exp. 9/30/15 — CIVIL — STATE OF CALIFORNIA

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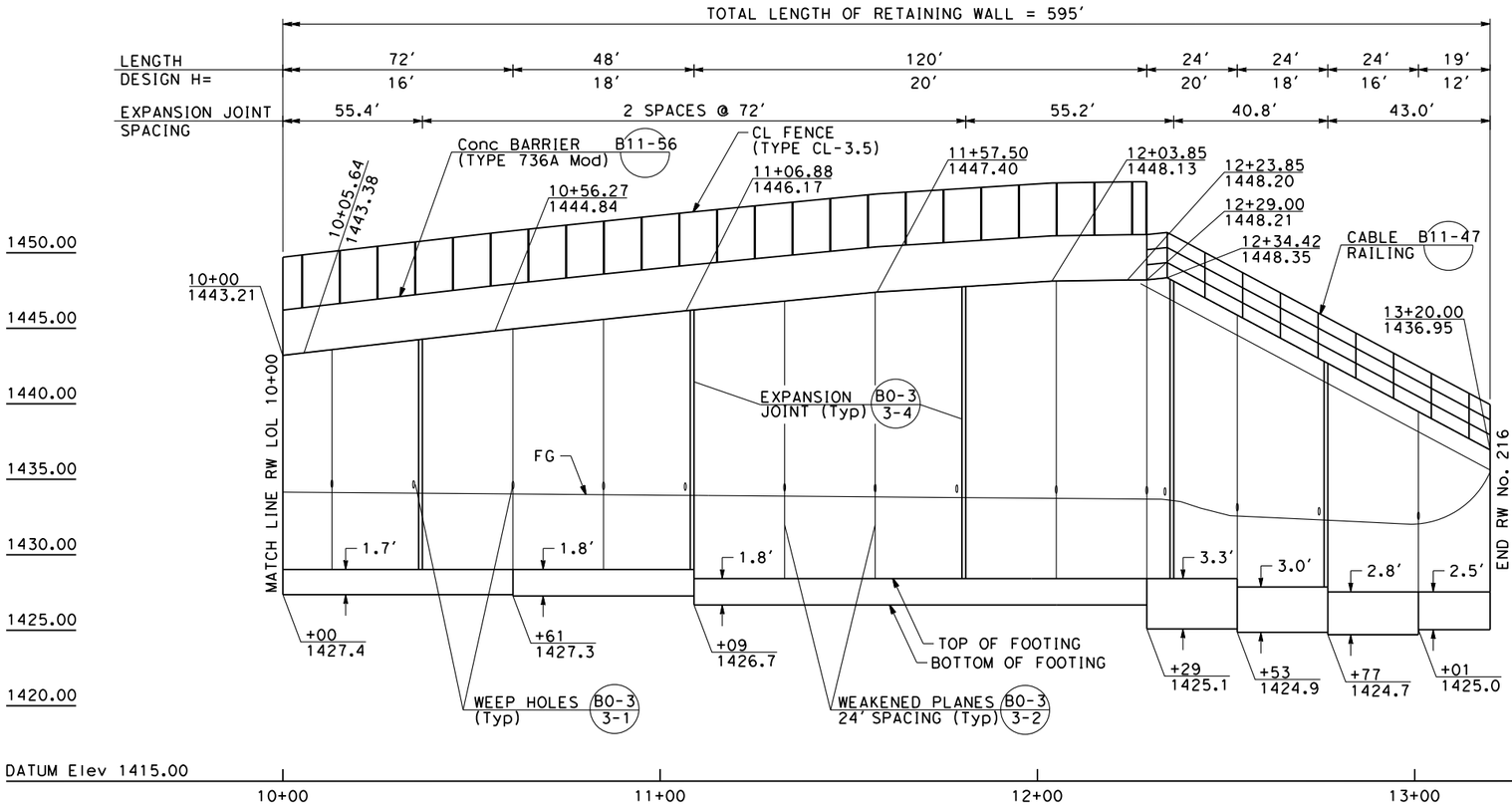
URS CORPORATION
2020 EAST FIRST STREET, SUITE 400
SANTA ANA, CA 92705

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

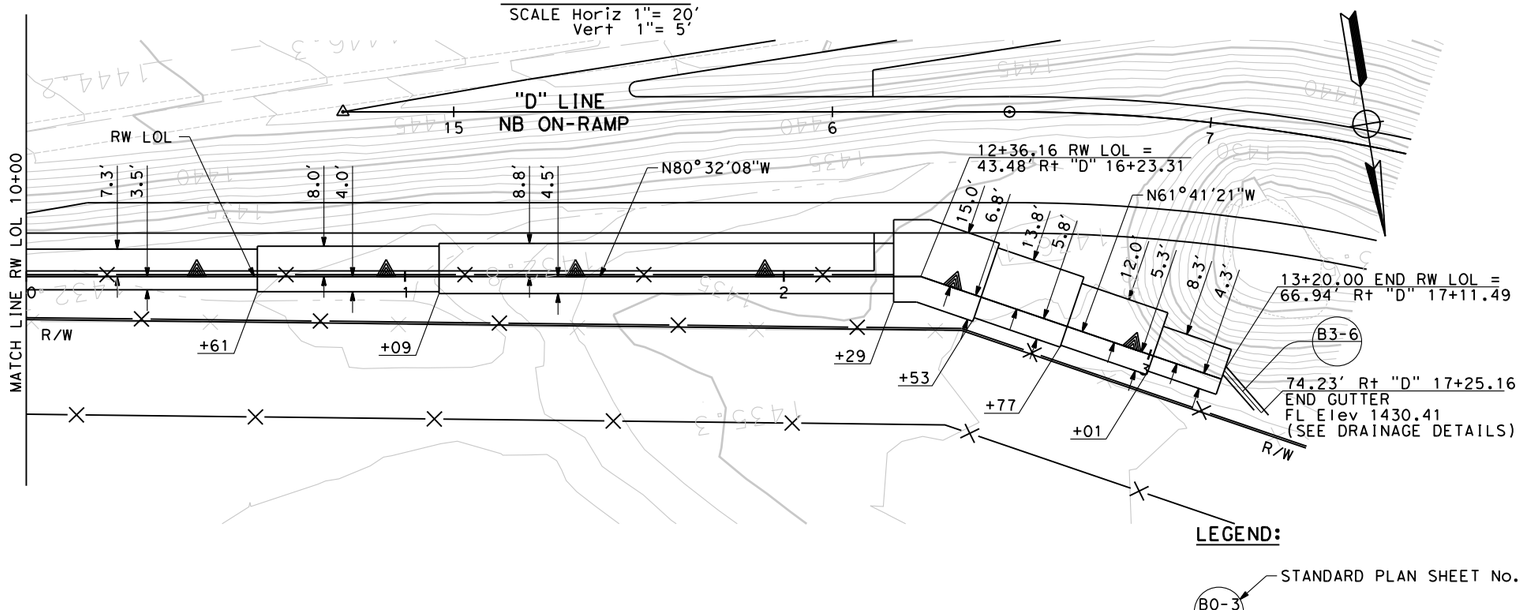
NOTES:

1. FOR CHAIN LINK FENCE CONNECTION TO CONCRETE BARRIER, SEE CONSTRUCTION DETAILS.
2. FOR GUTTER TRANSITION TO CONCRETE CHANNEL, SEE DRAINAGE DETAILS.



ELEVATION

SCALE Horiz 1"= 20'
Vert 1"= 5'

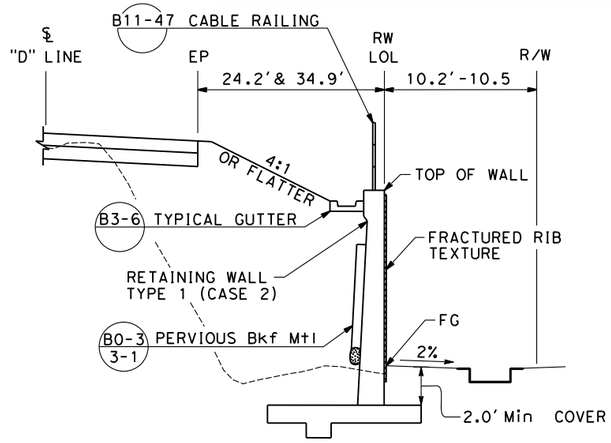


PLAN

SCALE 1"= 20'

LEGEND:

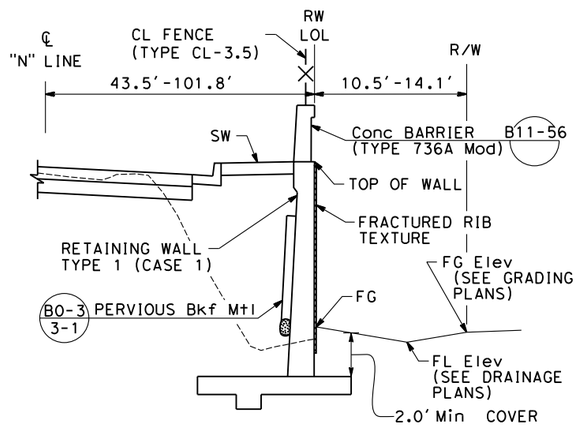
B0-3 / 3-1 — STANDARD PLAN SHEET No. / DETAIL No.



Sta RW LOL 12+29.00 TO 13+20.00

TYPICAL SECTION

NO SCALE



Sta RW LOL 10+00.00 TO 12+29.00

TYPICAL SECTION

NO SCALE

RETAINING WALL PLAN
RW No. 216

SCALE AS SHOWN

R-11

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

THIS PLAN ACCURATE FOR RETAINING WALL WORK ONLY

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 86 OF 115

LAST REVISION DATE PLOTTED => 11/6/2014
00-00-00 TIME PLOTTED => 8:57:03 AM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN
CALCULATED-DESIGNED BY: MICHAEL LYNDE
CHECKED BY: CATHERINE LAMPON
REVISED BY / DATE REVISED

BORDER LAST REVISED 7/2/2010
USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301qc002.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0000
PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	253	475

Stephanie Hillebrand 04-15-14
REGISTERED CIVIL ENGINEER DATE

04-15-2014
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
STEPHANIE HILLEBRAND
No. 65410
Exp. 9/30/15
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

NOTE:

FOR CHAIN LINK FENCE, SEE SUMMARY OF QUANTITIES.

WALL No.	STATION	BAR REINFORCING STEEL (RETAINING WALL) LB	STRUCTURAL CONCRETE, RETAINING WALL CY	STRUCTURE EXCAVATION (RETAINING WALL) CY	STRUCTURE BACKFILL (RETAINING WALL) CY	PERVIOUS BACKFILL MATERIAL (RETAINING WALL) CY	FRACTURED RIB TEXTURE SQFT	MINOR CONCRETE (GUTTER) LF	CONCRETE BARRIER (TYPE 736A) LF	CONCRETE BARRIER (TYPE 736A MODIFIED) LF	CONCRETE BARRIER (TYPE 60D) LF	CABLE RAILING LF
111	"B" 14+87.13 TO 17+31.15	20446	161	0	526	6	304	0	240	0	130	0
116	"B" 14+15.00 TO "N" 526+41.84	87852	596	660	2154	111	4359	0	484	0	0	0
216	"N" 530+32.12 TO "D" 17+11.41	121361	888	2014	2778	134	4834	109	0	505	0	92
	TOTAL	229659	1645	2674	5458	251	9497	109	724	505	130	92

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

THIS PLAN ACCURATE FOR RETAINING WALL WORK ONLY

RETAINING WALL QUANTITIES

NO SCALE

R-16

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 87 OF 115

LAST REVISION 00-00-00 | DATE PLOTTED => 11/6/2014 | TIME PLOTTED => 8:57:07 AM

CALCULATED-DESIGNED BY	MICHAEL LYNDE			
CHECKED BY	CATHERINE LAMPON			
CONSULTANT FUNCTIONAL SUPERVISOR	JEFFREY G. CHAPMAN			
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	Caltrans			

BORDER LAST REVISED 7/2/2010 | USERNAME => Catherine_Lampon | DGN FILE => ...\0800000301qz001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0000 | PROJECT NUMBER & PHASE 0800000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	215	R17.8/R19.2	256	475

LICENSED LANDSCAPE ARCHITECT

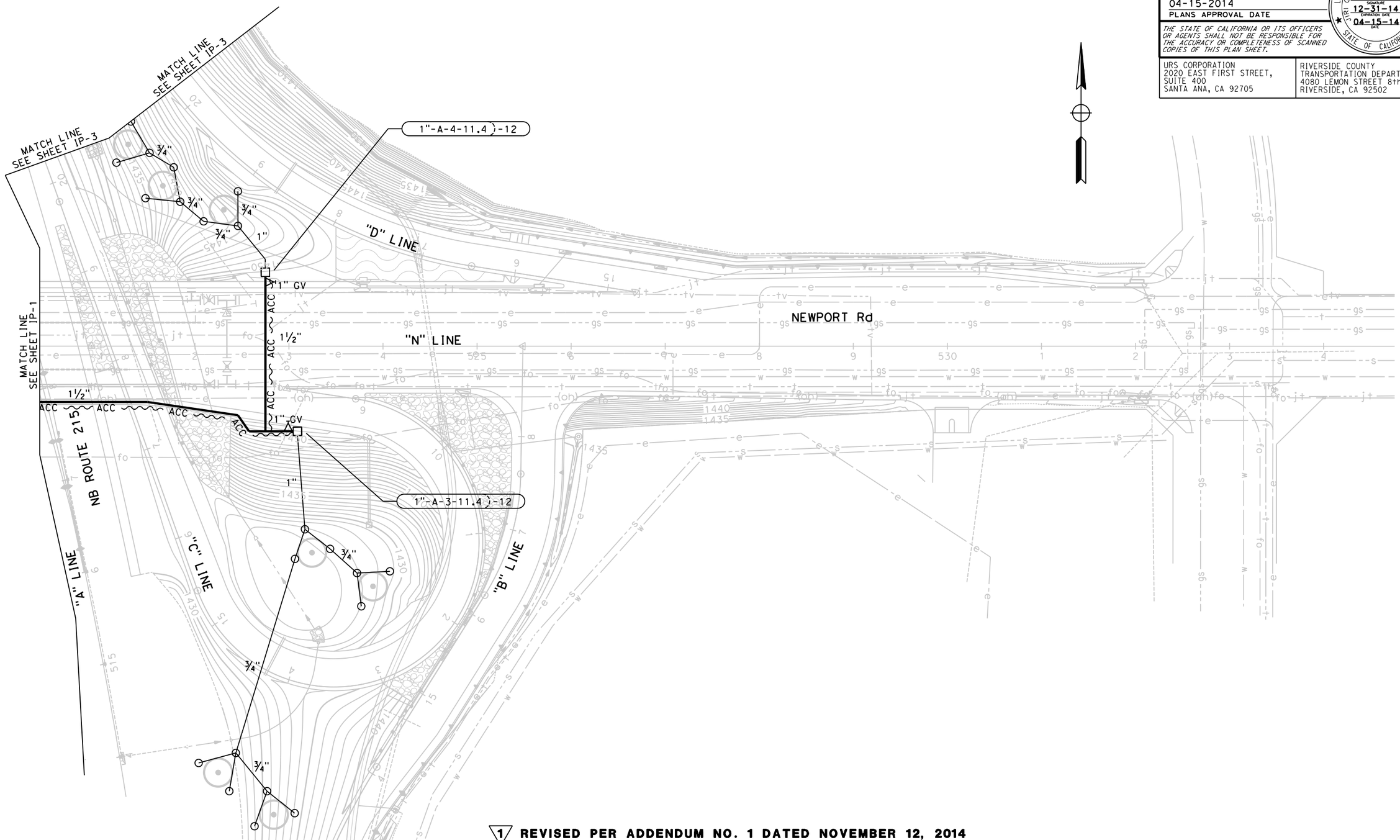
04-15-2014
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — JIRI GEORGE STRNAD, NO. LA 4220 — SIGNATURE — EXPIRATION DATE 12-31-14 — DATE 04-15-14 — 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 IRRIGATION WORK ONLY

IRRIGATION PLAN

SCALE 1"= 50'

IP-2

ATTACHMENT "C" TO ADDENDUM NO. 1, PAGE 88 OF 115

LAST REVISION 00-00-00
DATE PLOTTED => 11/6/2014
TIME PLOTTED => 8:57:13 AM

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: CATHERINE LAMPON
CHECKED BY: GEORGE STRNAD

CONSULTANT FUNCTIONAL SUPERVISOR: JEFFREY G. CHAPMAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

BORDER LAST REVISED 7/2/2010

USERNAME => Catherine_Lampon
DGN FILE => ...\0800000301sp002.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 0000

PROJECT NUMBER & PHASE 0800000301