

# **INFORMATION HANDOUT**

**For Contract No. 07-183124**

**At 07-LA-710-9.8/18.4**

**Identified by**

**Project ID 0700000182**

## **MATERIALS INFORMATION**

Lead Site Investigation Report

**LEAD SITE INVESTIGATION REPORT  
LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP 15.1/29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
TASK ORDER NO. 07A1751-01  
EXPENDITURE AUTHORIZATION NO. 183111  
CONTRACT NO. 07A1751**

**PREPARED FOR:**

State of California  
Department of Transportation  
District 7, Division of Planning, 12<sup>th</sup> Floor  
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May 16, 2005  
Project No. 206130003

**TABLE 1 - NORTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLC (mg/kg)	STLC (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
<b>Group ID NB-A: Stations 152+00 to 166+00</b>							
800-101-0.15	0.15	3/1/2005	460	61	0.74	--	--
800-101-0.3	0.3	3/1/2005	44	--	--	--	--
800-101-0.6	0.6	3/1/2005	21	--	--	--	--
800-102-0.15	0.15	3/1/2005	380	38	0.33	--	--
800-102-0.3	0.3	3/1/2005	180	14	ND<0.25	--	--
800-102-0.6	0.6	3/1/2005	150	8.9	ND<0.25	--	--
800-103-0.15	0.15	3/1/2005	21	--	--	--	7.68
800-103-0.3	0.3	3/1/2005	17	--	--	--	--
800-103-0.6	0.6	3/1/2005	8.7	--	--	--	--
800-104-0.15	0.15	3/1/2005	12	--	--	--	--
800-104-0.3	0.3	3/1/2005	20	--	--	--	--
800-104-0.6	0.6	3/1/2005	50	3.2	--	--	--
800-105-0.15	0.15	3/1/2005	2,300	--	--	4.2	--
800-105-0.3	0.3	3/1/2005	270	34	ND<0.25	--	--
800-105-0.6	0.6	3/1/2005	670	18	ND<0.25	0.38	7.18
800-106-0.15	0.15	3/1/2005	29	--	--	--	--
800-106-0.3	0.3	3/1/2005	57	1.6	--	--	--
800-106-0.6	0.6	3/1/2005	69	3.2	--	--	--
800-107-0.15	0.15	3/1/2005	110	6.0	ND<0.25	--	--
800-107-0.3	0.3	3/1/2005	38	---	---	--	--
800-107-0.6	0.6	3/1/2005	94	13	ND<0.25	--	--
800-108-0.15	0.15	3/1/2005	87	14	ND<0.25	--	--
800-108-0.3	0.3	3/1/2005	37	--	--	--	--
800-108-0.6	0.6	3/1/2005	120	13	ND<0.25	--	--
800-109-0.15	0.15	3/1/2005	220	26	ND<0.25	--	7.66
800-109-0.3	0.3	3/1/2005	29	--	--	--	--
800-109-0.6	0.6	3/1/2005	12	--	---	--	--
800-110-0.15	0.15	3/1/2005	150	12	ND<0.25	--	--
800-110-0.3	0.3	3/1/2005	5.8	--	--	--	--
800-110-0.6	0.6	3/1/2005	31	--	--	--	--
<b>Group ID NB-B: Stations 178+00 to 198+00</b>							
800-122-0.15	0.15	3/1/2005	620	86	4.2	--	6.43
800-122-0.3	0.3	3/1/2005	48	--	--	--	--
800-122-0.6	0.6	3/1/2005	120	8.7	ND<0.25	--	--
800-123-0.15	0.15	3/1/2005	ND<5.0	--	--	--	--
800-123-0.3	0.3	3/1/2005	310	26	0.49	--	--
800-123-0.6	0.6	3/1/2005	330	40	0.49	--	--
800-124-0.15	0.15	3/1/2005	77	11	ND<0.25	--	--
800-124-0.3	0.3	3/1/2005	ND<5.0	--	--	--	--
800-124-0.6	0.6	3/1/2005	170	28	ND<0.25	--	--
800-125-0.15	0.15	3/1/2005	200	33	0.35	--	--
800-125-0.3	0.3	3/1/2005	6.0	--	--	--	--
800-125-0.6	0.6	3/1/2005	120	15	ND<0.25	--	--
800-126-0.15	0.15	3/1/2005	270	26	ND<0.25	--	--
800-126-0.3	0.3	3/1/2005	110	9.6	ND<0.25	--	--
800-126-0.6	0.6	3/1/2005	77	11	ND<0.25	--	--
800-127-0.15	0.15	3/1/2005	150	12	ND<0.25	--	--
800-127-0.3	0.3	3/1/2005	8.9	--	--	--	--
800-127-0.6	0.6	3/1/2005	30	--	--	--	--
800-128-0.15	0.15	3/1/2005	170	19	0.29	--	6.80

**TABLE 1 - NORTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLc (mg/kg)	STLc (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
800-128-0.3	0.3	3/1/2005	20	--	--	--	--
800-128-0.6	0.6	3/1/2005	110	14	ND<0.25	--	--
800-129-0.15	0.15	3/1/2005	240	21	0.35	--	--
800-129-0.3	0.3	3/1/2005	72	6.1	ND<0.25	--	--
800-129-0.6	0.6	3/1/2005	200	22	0.31	--	--
800-130-0.15	0.15	3/1/2005	56	28	ND<0.25	--	--
800-130-0.3	0.3	3/1/2005	150	18	ND<0.25	--	7.35
800-130-0.6	0.6	3/1/2005	42	--	--	--	--
800-131-0.15	0.15	3/1/2005	210	15	ND<0.25	--	--
800-131-0.3	0.3	3/1/2005	130	14	ND<0.25	--	--
800-131-0.6	0.6	3/1/2005	190	15	0.28	--	--
800-132-0.15	0.15	3/1/2005	82	7.6	ND<0.25	--	--
800-132-0.3	0.3	3/1/2005	37	--	--	--	--
800-132-0.6	0.6	3/1/2005	7.5	--	--	--	--
800-133-0.15	0.15	3/1/2005	NS	NS	NS	NS	NS
800-133-0.3	0.3	3/1/2005	NS	NS	NS	NS	NS
800-133-0.6	0.6	3/1/2205	NS	NS	NS	NS	NS
800-134-0.15	0.15	3/1/2005	200	35	0.35	--	6.85
800-134-0.3	0.3	3/1/2005	250	36	0.82	--	--
800-134-0.6	0.6	3/1/2005	37	--	--	--	--
<b>Group ID NB-C: Stations 198+00 to 223+00</b>							
800-143-0.15	0.15	3/1/2005	320	52	0.65	--	--
800-143-0.3	0.3	3/1/2005	29	--	--	--	--
800-143-0.6	0.6	3/1/2005	71	7.6	ND<0.25	--	--
800-144-0.15	0.15	3/1/2005	310	33	0.69	--	--
800-144-0.3	0.3	3/1/2005	120	17	0.48	--	--
800-144-0.6	0.6	3/1/2005	55	6.2	ND<0.25	--	--
800-149-0.15	0.15	3/1/2005	NS	NS	NS	NS	NS
800-149-0.3	0.3	3/1/2005	NS	NS	NS	NS	NS
800-149-0.6	0.6	3/1/2005	NS	NS	NS	NS	NS
800-150-0.15	0.15	3/1/2005	37	--	--	--	7.09
800-150-0.3	0.3	3/1/2005	13	--	--	--	--
800-150-0.6	0.6	3/1/2005	27	--	--	--	--
800-151-0.15	0.15	3/1/2005	NS	NS	NS	NS	NS
800-151-0.3	0.3	3/1/2005	NS	NS	NS	NS	NS
800-151-0.6	0.6	3/1/2205	NS	NS	NS	NS	NS
800-152-0.15	0.15	3/1/2005	150	11	ND<0.25	--	--
800-152-0.3	0.3	3/1/2005	7.4	--	--	--	--
800-152-0.6	0.6	3/1/2005	ND<5.0	--	--	--	7.42
800-153-0.15	0.15	3/1/2005	65	5.1	ND<0.25	--	--
800-153-0.3	0.3	3/1/2005	10	--	--	--	--
800-153-0.6	0.6	3/1/2005	17	--	--	--	7.57
800-154-0.15	0.15	3/1/2005	140	11	ND<0.25	--	--
800-154-0.3	0.3	3/1/2005	130	10	ND<0.25	--	--
800-154-0.6	0.6	3/1/2005	12	--	--	--	--
800-155-0.15	0.15	3/1/2005	170	11	ND<0.25	--	--
800-155-0.3	0.3	3/1/2005	32	--	--	--	--
800-155-0.6	0.6	3/1/2005	ND<5.0	--	--	--	--
800-156-0.15	0.15	3/1/2005	930	110	1.3	3.7	7.11
800-156-0.3	0.3	3/1/2005	480	89	1.1	--	--
800-156-0.6	0.6	3/1/2005	46	--	--	--	--

**TABLE 1 - NORTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLc (mg/kg)	STLC (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
800-157-0.15	0.15	3/1/2005	60	3.5	--	--	--
800-157-0.3	0.3	3/1/2005	46	--	--	--	--
800-157-0.6	0.6	3/1/2005	6.2	--	--	--	--
800-158-0.15	0.15	3/1/2005	1,200	--	--	1.2	--
800-158-0.3	0.3	3/1/2005	180	19	ND<0.25	--	7.36
800-158-0.6	0.6	3/1/2005	38	--	--	--	--
800-159-0.15	0.15	3/1/2005	420	31	0.26	--	--
800-159-0.3	0.3	3/1/2005	14	--	--	--	--
800-159-0.6	0.6	3/1/2005	17	--	--	--	--
800-160-0.15	0.15	3/1/2005	850	110	0.59	2.3	--
800-160-0.3	0.3	3/1/2005	550	64	1.5	7.1	--
800-160-0.6	0.6	3/1/2005	48	--	--	--	--
<b>Group ID NB-C1: Retaining Walls No. 200 and 202</b>							
800-145-0.15	0.15	3/1/2005	250	13	0.35	--	--
800-145-0.75	0.75	3/1/2005	180	11	0.29	--	7.27
800-145-1.5	1.5	3/1/2005	6.2	--	--	--	--
800-146-0.15	0.15	3/1/2005	200	26	0.37	--	--
800-146-0.75	0.75	3/1/2005	Refusal	--	--	--	--
800-146-1.5	1.5	3/1/2005	Refusal	--	--	--	--
800-147-0.15	0.15	3/1/2005	99	12	0.3	--	--
800-147-0.75	0.75	3/1/2005	17	--	--	--	--
800-147-1.5	1.5	3/1/2005	94	10	ND<0.25	--	--
800-148-0.15	0.15	3/1/2005	280	31	0.29	--	--
800-148-0.75	0.75	3/1/2005	35	--	--	--	--
800-148-1.5	1.5	3/1/2005	8.4	--	--	--	--
<b>Group ID NB-D: Stations 223+00 to 247+00</b>							
800-164-0.15	0.15	3/1/2005	390	42	0.34	--	--
800-164-0.3	0.3	3/1/2005	230	22	0.53	--	6.69
800-164-0.6	0.6	3/1/2005	ND<5.0	--	--	--	--
800-165-0.15	0.15	3/1/2005	170	16	ND<0.25	--	--
800-165-0.3	0.3	3/1/2005	21	--	--	--	--
800-165-0.6	0.6	3/1/2005	120	8.4	ND<0.25	--	--
800-166-0.15	0.15	3/1/2005	250	15	0.38	--	--
800-166-0.3	0.3	3/1/2005	1,700	--	--	7.5	--
800-166-0.6	0.6	3/1/2005	130	29	0.36	--	--
800-167-0.15	0.15	3/1/2005	290	28	0.55	--	--
800-167-0.3	0.3	3/1/2005	6.2	--	--	--	--
800-167-0.6	0.6	3/1/2005	ND<5.0	--	--	--	--
800-168-0.15	0.15	3/2/2005	26	--	--	--	--
800-168-0.3	0.3	3/2/2005	6	--	--	--	--
800-168-0.6	0.6	3/2/2005	10	--	--	--	7.31
800-169-0.15	0.15	3/2/2005	8	--	--	--	--
800-169-0.3	0.3	3/2/2005	12	--	--	--	--
800-169-0.6	0.6	3/2/2005	6.9	--	--	--	--
800-170-0.15	0.15	3/2/2005	6.8	--	--	--	--
800-170-0.3	0.3	3/2/2005	ND<5.0	--	--	--	--
800-170-0.6	0.6	3/2/2005	5.5	--	--	--	--
800-171-0.15	0.15	3/2/2005	37	--	--	--	--
800-171-0.3	0.3	3/2/2005	38	--	--	--	7.64
800-171-0.6	0.6	3/2/2005	160	12	ND<0.25	--	--
800-172-0.15	0.15	3/2/2005	15	--	--	--	--
800-172-0.3	0.3	3/2/2005	19	--	--	--	--

**TABLE 1 - NORTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLIC (mg/kg)	STLC (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
800-172-0.6	0.6	3/2/2005	110	6.6	ND<0.25	--	--
800-173-0.15	0.15	3/2/2005	130	8.9	ND<0.25	--	--
800-173-0.3	0.3	3/2/2005	7.6	--	--	--	--
800-173-0.6	0.6	3/2/2005	ND<5.0	--	--	--	--
800-174-0.15	0.15	3/2/2005	12	--	--	--	--
800-174-0.3	0.3	3/2/2005	7.1	--	--	--	7.56
800-174-0.6	0.6	3/2/2005	ND<5.0	--	--	--	--
800-175-0.15	0.15	3/2/2005	29	--	--	--	--
800-175-0.3	0.3	3/2/2005	15	--	--	--	--
800-175-0.6	0.6	3/2/2005	17	--	--	--	--
800-176-0.15	0.15	3/2/2005	14	--	--	--	--
800-176-0.3	0.3	3/2/2005	16	--	--	--	--
800-176-0.6	0.6	3/2/2005	Refusal	--	--	--	--
800-177-0.15	0.15	3/2/2005	18	--	--	--	--
800-177-0.3	0.3	3/2/2005	10	--	--	--	--
800-177-0.6	0.6	3/2/2005	36	--	--	--	7.69
800-178-0.15	0.15	3/2/2005	NS	NS	NS	NS	NS
800-178-0.3	0.3	3/2/2005	NS	NS	NS	NS	NS
800-178-0.6	0.6	3/2/2005	NS	NS	NS	NS	NS
800-179-0.15	0.15	3/2/2005	9	--	--	--	--
800-179-0.3	0.3	3/2/2005	6	--	--	--	--
800-179-0.6	0.6	3/2/2005	21	--	--	--	--
<b>Group ID NB-E: Stations 247+00 to 268+00</b>							
800-185-0.15	0.15	3/2/2005	21	--	--	--	--
800-185-0.3	0.3	3/2/2005	13	--	--	--	--
800-185-0.6	0.6	3/2/2005	15	--	--	--	--
800-186-0.15	0.15	3/2/2005	14	--	--	--	--
800-186-0.3	0.3	3/2/2005	9.8	--	--	--	--
800-186-0.6	0.6	3/2/2005	8.1	--	--	--	--
800-187-0.15	0.15	3/2/2005	27	--	--	--	--
800-187-0.3	0.3	3/2/2005	18	--	--	--	--
800-187-0.6	0.6	3/2/2005	ND<5.0	--	--	--	7.30
800-188-0.15	0.15	3/2/2005	40	--	--	--	--
800-188-0.3	0.3	3/2/2005	29	--	--	--	7.54
800-188-0.6	0.6	3/2/2005	6.7	--	--	--	--
800-189-0.15	0.15	3/2/2005	57	3.8	--	--	--
800-189-0.3	0.3	3/2/2005	180	15	ND<0.25	--	--
800-189-0.6	0.6	3/2/2005	72	2.3	--	--	--
800-190-0.15	0.15	3/2/2005	58	3	--	--	--
800-190-0.3	0.3	3/2/2005	55	1.3	--	--	--
800-190-0.6	0.6	3/2/2005	78	8.1	ND<0.25	--	7.21
800-191-0.15	0.15	3/2/2005	19	--	--	--	--
800-191-0.3	0.3	3/2/2005	33	--	--	--	--
800-191-0.6	0.6	3/2/2005	24	--	--	--	--
800-192-0.15	0.15	3/2/2005	6.8	--	--	--	--
800-192-0.3	0.3	3/2/2005	7.9	--	--	--	--
800-192-0.6	0.6	3/2/2005	6.2	--	--	--	--
800-193-0.15	0.15	3/2/2005	54	5.0	ND<0.25	--	--
800-193-0.3	0.3	3/2/2005	19	--	--	--	--
800-193-0.6	0.6	3/2/2005	5.3	--	--	--	--
800-194-0.15	0.15	3/2/2005	34	--	--	--	7.62
800-194-0.3	0.3	3/2/2005	5.2	--	--	--	--

**TABLE 1 - NORTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLc (mg/kg)	STLc (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
800-194-0.6	0.6	3/2/2005	8.8	--	--	--	--
800-195-0.15	0.15	3/2/2005	20	--	--	--	--
800-195-0.3	0.3	3/2/2005	6.1	--	--	--	7.85
800-195-0.6	0.6	3/2/2005	ND<5.0	--	--	--	--
800-196-0.15	0.15	3/2/2005	7.6	--	--	--	--
800-196-0.3	0.3	3/2/2005	ND<5.0	--	--	--	--
800-196-0.6	0.6	3/2/2005	ND<5.0	--	--	--	--
800-197-0.15	0.15	3/2/2005	ND<5.0	--	--	--	--
800-197-0.3	0.3	3/2/2005	5.7	--	--	--	--
800-197-0.6	0.6	3/2/2005	5.8	--	--	--	--
<b>Group ID NB-F: Stations 268+00 to 296+00</b>							
800-206-0.15	0.15	3/2/2005	120	1.6	--	--	--
800-206-0.3	0.3	3/2/2005	5.2	--	--	--	--
800-206-0.6	0.6	3/2/2005	ND<5.0	--	--	--	--
800-207-0.15	0.15	3/2/2005	730	55	0.4	1.2	--
800-207-0.3	0.3	3/2/2005	6.4	--	--	--	--
800-207-0.6	0.6	3/2/2005	5.5	--	--	--	6.53
800-208-0.15	0.15	3/2/2005	2,000	--	--	3.4	--
800-208-0.3	0.3	3/2/2005	790	55	0.83	2.7	--
800-208-0.6	0.6	3/2/2005	70	7.6	ND<0.25	--	--
800-209-0.15	0.15	3/2/2005	580	47	ND<0.25	0.32	--
800-209-0.3	0.3	3/2/2005	11	--	--	--	--
800-209-0.6	0.6	3/2/2005	17	--	--	--	--
800-210-0.15	0.15	3/2/2005	1,800	--	--	ND<0.25	--
800-210-0.3	0.3	3/2/2005	920	65	2.3	3.4	--
800-210-0.6	0.6	3/2/2005	62	13	0.49	--	--
800-221-0.15	0.15	3/2/2005	48	--	--	--	--
800-221-0.3	0.3	3/2/2005	14	--	--	--	--
800-221-0.6	0.6	3/2/2005	27	--	--	--	--
800-222-0.15	0.15	3/2/2005	8.5	--	--	--	--
800-222-0.3	0.3	3/2/2005	9.5	--	--	--	--
800-222-0.6	0.6	3/2/2005	9.2	--	--	--	--
800-223-0.15	0.15	3/2/2005	220	17	0.3	--	--
800-223-0.3	0.3	3/2/2005	88	9.3	ND<0.25	--	--
800-223-0.6	0.6	3/2/2005	220	11	0.4	--	--
800-224-0.15	0.15	3/2/2005	20	--	--	--	--
800-224-0.3	0.3	3/2/2005	42	--	--	--	6.83
800-224-0.6	0.6	3/2/2005	20	--	--	--	--
800-225-0.15	0.15	3/2/2005	36	--	--	--	--
800-225-0.3	0.3	3/2/2005	24	--	--	--	--
800-225-0.6	0.6	3/2/2005	6.8	--	--	--	--
<b>Group ID NB-F1: Retaining Wall No. 278</b>							
800-211-0.15	0.15	3/2/2005	61	2.8	ND<0.25	--	--
800-211-0.75	0.75	3/2/2005	5.3	--	--	--	7.92
800-211-1.5	1.5	3/2/2005	7.2	--	--	--	--
800-212-0.15	0.15	3/2/2005	140	16	ND<0.25	--	--
800-212-0.75	0.75	3/2/2005	51	1.6	--	--	--
800-212-1.5	1.5	3/2/2005	27	--	--	--	--
800-213-0.15	0.15	3/2/2005	42	2.1	--	--	--
800-213-0.75	0.75	3/2/2005	Refusal	--	--	--	--
800-213-1.5	1.5	3/2/2005	Refusal	--	--	--	--
<b>Group ID NB-F2: Retaining Wall No. 282</b>							

**TABLE 1 - NORTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLIC (mg/kg)	STLC (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
800-214-0.15	0.15	3/2/2005	40	--	--	--	6.15
800-214-0.75	0.75	3/2/2005	200	22	2.5	--	--
800-214-1.5	1.5	3/2/2005	580	51	ND<0.25	ND<0.25	--
800-215-0.15	0.15	3/2/2005	300	59	0.63	--	--
800-215-0.75	0.75	3/2/2005	280	38	0.46	--	--
800-215-1.5	1.5	3/2/2005	390	15	ND<0.25	--	--
800-216-0.15	0.15	3/2/2005	740	77	0.76	4.9	--
800-216-0.75	0.75	3/2/2005	210	18	ND<0.25	--	--
800-216-1.5	1.5	3/2/2005	340	23	ND<0.25	--	--
800-217-0.15	0.15	3/2/2005	330	47	1.2	--	6.41
800-217-0.75	0.75	3/2/2005	100	40	0.82	--	--
800-217-1.5	1.5	3/2/2005	480	68	0.96	--	--
800-218-0.15	0.15	3/2/2005	630	90	2.7	2.5	--
800-218-0.75	0.75	3/2/2005	Refusal	--	--	--	--
800-218-1.5	1.5	3/2/2005	Refusal	--	--	--	--
800-219-0.15	0.15	3/2/2005	580	73	1.6	2.6	--
800-219-0.75	0.75	3/2/2005	Refusal	--	--	--	--
800-219-1.5	1.5	3/2/2005	Refusal	--	--	--	--
800-220-0.15	0.15	3/2/2005	790	93	0.84	0.88	--
800-220-0.75	0.75	3/2/2005	170	11	ND<0.25	--	--
800-220-1.5	1.5	3/2/2005	140	14	ND<0.25	--	6.03
<b>Group ID NB-G: Imperial Highway On-Ramp and Off-Ramp</b>							
800-227-0.15	0.15	3/4/2005	5.4	--	--	--	--
800-227-0.3	0.3	3/4/2005	ND<5.0	--	--	--	--
800-227-0.6	0.6	3/4/2005	16	--	--	--	--
800-228-0.15	0.15	3/4/2005	29	--	--	--	--
800-228-0.3	0.3	3/4/2005	13	--	--	--	--
800-228-0.6	0.6	3/4/2005	33	--	--	--	--
800-229-0.15	0.15	3/4/2005	13	--	--	--	--
800-229-0.3	0.3	3/4/2005	11	--	--	--	--
800-229-0.6	0.6	3/4/2005	26	--	--	--	--
800-230-0.15	0.15	3/4/2005	370	30	ND<0.25	--	6.22
800-230-0.3	0.3	3/4/2005	9.5	--	--	--	--
800-230-0.6	0.6	3/4/2005	10	--	--	--	--
<b>Equipment Rinsate Samples (mg/l)</b>							
EQ1	NA	3/1/2005	ND<0.25	--	--	--	--
EQ2	NA	3/1/2005	ND<0.25	--	--	--	--
EQ3	NA	3/1/2005	ND<0.25	--	--	--	--
EQ4	NA	3/2/2005	ND<0.25	--	--	--	--
EQ5	NA	3/2/2005	ND<0.25	--	--	--	--
EQ6	NA	3/2/2005	ND<0.25	--	--	--	--

**TABLE 1 - NORTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLIC (mg/kg)	STLC (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
<b>Notes:</b>							
TTLIC - Total Threshold Limit Concentration for Lead using United States Environmental Protection Agency (EPA) Test Method No. 6010B.							
STLC - Soluble Threshold Limit Concentration for Lead using EPA Test Method No. 7420.							
DI-WET - Soluble Threshold Limit Concentration for Lead using De-Ionized Water Extraction using EPA Test Method No. 7420.							
TCLP - Toxic Characteristic Leaching Procedure for Lead using EPA Test Method Nos. 1311/7420.							
pH - analyzed using EPA Test Method No. 9045C.							
mg/kg - milligrams per kilogram							
mg/l - milligrams per liter							
-- indicates not analyzed.							
ND<5.0 - not detected above the laboratory Practical Quantitation Limit							
NA - not applicable							
NS - no sample							
Refusal - indicates a proposed sample was not collected due to auger refusal							

**TABLE 2 - SOUTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLc (mg/kg)	STLc (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
<b>Group ID SB-A: Stations 152+00 to 166+00</b>							
800-231-0.15	0.15	3/3/2005	360	34	0.33	--	--
800-231-0.3	0.3	3/3/2005	100	9.8	ND<0.25	--	--
800-231-0.6	0.6	3/3/2005	Refusal	--	--	--	--
800-232-0.15	0.15	3/3/2005	250	29	ND<0.25	--	--
800-232-0.3	0.3	3/3/2005	39	--	--	--	--
800-232-0.6	0.6	3/3/2005	35	--	--	--	6.61
800-233-0.15	0.15	3/3/2005	230	13	ND<0.25	--	--
800-233-0.3	0.3	3/3/2005	12	--	--	--	--
800-233-0.6	0.6	3/3/2005	ND<5.0	--	--	--	--
800-234-0.15	0.15	3/3/2005	250	35	ND<0.25	--	--
800-234-0.3	0.3	3/3/2005	61	5.2	ND<0.25	--	--
800-234-0.6	0.6	3/3/2005	55	4.3	--	--	--
800-235-0.15	0.15	3/3/2005	230	58	0.49	--	--
800-235-0.3	0.3	3/3/2005	11	--	--	--	--
800-235-0.6	0.6	3/3/2005	13	--	--	--	--
800-236-0.15	0.15	3/3/2005	100	8.5	ND<0.25	--	--
800-236-0.3	0.3	3/3/2005	32	--	--	--	5.72
800-236-0.6	0.6	3/3/2005	Refusal	--	--	--	--
800-237-0.15	0.15	3/3/2005	200	27	0.3	--	--
800-237-0.3	0.3	3/3/2005	8.4	--	--	--	--
800-237-0.6	0.6	3/3/2005	330	36	0.83	--	--
800-238-0.15	0.15	3/3/2005	120	9.8	ND<0.25	--	--
800-238-0.3	0.3	3/3/2005	120	13	ND<0.25	--	--
800-238-0.6	0.6	3/3/2005	7.6	--	--	--	--
800-239-0.15	0.15	3/3/2005	370	34	ND<0.25	--	--
800-239-0.3	0.3	3/3/2005	280	18	ND<0.25	--	--
800-239-0.6	0.6	3/3/2005	53	6.3	ND<0.25	--	--
800-240-0.15	0.15	3/3/2005	110	18	ND<0.25	--	--
800-240-0.3	0.3	3/3/2005	5.9	--	--	--	--
800-240-0.6	0.6	3/3/2005	6.2	--	--	--	7.26
<b>Group ID SB-B: Stations 178+00 to 198+00</b>							
800-252-0.15	0.15	3/4/2005	740	1.2	--	0.41	--
800-252-0.3	0.3	3/4/2005	16	--	--	--	--
800-252-0.6	0.6	3/4/2005	56	ND<0.25	--	--	6.98
800-253-0.15	0.15	3/4/2005	670	68	0.52	0.66	--
800-253-0.3	0.3	3/4/2005	440	1	--	--	--
800-253-0.6	0.6	3/4/2005	160	ND<0.25	--	--	--
800-254-0.15	0.15	3/4/2005	370	31	0.27	--	--
800-254-0.3	0.3	3/4/2005	19	--	--	--	--
800-254-0.6	0.6	3/4/2005	12	--	--	--	--
800-255-0.15	0.15	3/4/2005	370	34	0.29	--	--
800-255-0.3	0.3	3/4/2005	20	--	--	--	5.81
800-255-0.6	0.6	3/4/2005	40	--	--	--	--
800-256-0.15	0.15	3/4/2005	410	49	0.31	--	--
800-256-0.3	0.3	3/4/2005	62	2.4	--	--	--
800-256-0.6	0.6	3/4/2005	12	--	--	--	--
800-257-0.15	0.15	3/3/2005	460	38	0.46	--	6.61
800-257-0.3	0.3	3/3/2005	31	--	--	--	--
800-257-0.6	0.6	3/3/2005	15	--	--	--	--
800-258-0.15	0.15	3/3/2005	890	59	0.53	0.84	--

**TABLE 2 - SOUTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLc (mg/kg)	STLc (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
800-258-0.3	0.3	3/3/2005	9.6	--	--	--	--
800-258-0.6	0.6	3/3/2005	16	--	--	--	--
800-259-0.15	0.15	3/3/2005	520	48	0.39	0.47	--
800-259-0.3	0.3	3/3/2005	460	55	0.42	--	--
800-259-0.6	0.6	3/3/2005	25	--	--	--	--
800-260-0.15	0.15	3/3/2005	200	16	ND<0.25	--	--
800-260-0.3	0.3	3/3/2005	16	--	--	--	--
800-260-0.6	0.6	3/3/2005	85	5.6	ND<0.25	--	--
800-261-0.15	0.15	3/3/2005	190	14	ND<0.25	--	--
800-261-0.3	0.3	3/3/2005	53	3.4	--	--	--
800-261-0.6	0.6	3/3/2005	6.1	--	--	--	--
800-262-0.15	0.15	3/3/2005	370	22	ND<0.25	--	--
800-262-0.3	0.3	3/3/2005	15	--	--	--	--
800-262-0.6	0.6	3/3/2005	7.6	--	--	--	--
800-263-0.15	0.15	3/3/2005	220	5.3	ND<0.25	--	7.18
800-263-0.3	0.3	3/3/2005	22	--	--	--	--
800-263-0.6	0.6	3/3/2005	46	--	--	--	--
<b>Group ID SB-C: Stations 198+00 to 223+00</b>							
800-273-0.15	0.15	3/4/2005	340	35	ND<0.25	--	--
800-273-0.3	0.3	3/4/2005	12	--	--	--	--
800-273-0.6	0.6	3/4/2005	11	--	--	--	--
800-274-0.15	0.15	3/4/2005	66	8.1	ND<0.25	--	6.29
800-274-0.3	0.3	3/4/2005	ND<5.0	--	--	--	--
800-274-0.6	0.6	3/4/2005	6.4	--	--	--	--
800-275-0.15	0.15	3/4/2005	250	22	0.43	--	--
800-275-0.3	0.3	3/4/2005	55	2.6	--	--	--
800-275-0.6	0.6	3/4/2005	87	5.6	ND<0.25	--	--
800-276-0.15	0.15	3/4/2005	NS	NS	NS	NS	NS
800-276-0.3	0.3	3/4/2005	NS	NS	NS	NS	NS
800-276-0.6	0.6	3/4/2005	NS	NS	NS	NS	NS
800-277-0.15	0.15	3/4/2005	NS	NS	NS	NS	NS
800-277-0.3	0.3	3/4/2005	NS	NS	NS	NS	NS
800-277-0.6	0.6	3/4/2005	NS	NS	NS	NS	NS
800-278-0.15	0.15	3/3/2005	250	12	ND<0.25	--	--
800-278-0.3	0.3	3/3/2005	25	--	--	--	--
800-278-0.6	0.6	3/3/2005	68	3.1	--	--	--
800-279-0.15	0.15	3/3/2005	53	4	--	--	--
800-279-0.3	0.3	3/3/2005	60	4	--	--	--
800-279-0.6	0.6	3/3/2005	Refusal	--	--	--	--
800-280-0.15	0.15	3/3/2005	340	15	ND<0.25	--	6.98
800-280-0.3	0.3	3/3/2005	30	--	--	--	--
800-280-0.6	0.6	3/3/2005	Refusal	--	--	--	--
800-281-0.15	0.15	3/3/2005	20	--	--	--	--
800-281-0.3	0.3	3/3/2005	47	--	--	--	--
800-281-0.6	0.6	3/3/2005	6.3	--	--	--	--
800-282-0.15	0.15	3/3/2005	370	24	ND<0.25	--	--
800-282-0.3	0.3	3/3/2005	180	12	ND<0.25	--	--
800-282-0.6	0.6	3/3/2005	95	5.3	ND<0.25	--	--
800-283-0.15	0.15	3/3/2005	1,300	--	--	4.6	--
800-283-0.3	0.3	3/3/2005	82	13	ND<0.25	--	--
800-283-0.6	0.6	3/3/2005	38	--	--	--	--

**TABLE 2 - SOUTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLC (mg/kg)	STLC (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
800-284-0.15	0.15	3/4/2005	NS	NS	NS	NS	NS
800-284-0.3	0.3	3/4/2005	NS	NS	NS	NS	NS
800-284-0.6	0.6	3/4/2005	NS	NS	NS	NS	NS
800-285-0.15	0.15	3/4/2005	NS	NS	NS	NS	NS
800-285-0.3	0.3	3/4/2005	NS	NS	NS	NS	NS
800-285-0.6	0.6	3/4/2005	NS	NS	NS	NS	NS
800-286-0.15	0.15	3/4/2005	NS	NS	NS	NS	NS
800-286-0.3	0.3	3/4/2005	NS	NS	NS	NS	NS
800-286-0.6	0.6	3/4/2005	NS	NS	NS	NS	NS
<b>Group ID SB-D: Stations 223+00 to 247+00</b>							
800-294-0.15	0.15	3/3/2005	120	11	ND<0.25		7.18
800-294-0.3	0.3	3/3/2005	80	7.5	0.32		--
800-294-0.6	0.6	3/3/2005	90	9.7	ND<0.25		--
800-295-0.15	0.15	3/3/2005	5.2	--	--	--	--
800-295-0.3	0.3	3/3/2005	ND<5.0	--	--	--	--
800-295-0.6	0.6	3/3/2005	ND<5.0	--	--	--	--
800-296-0.15	0.15	3/3/2005	45	--	--	--	--
800-296-0.3	0.3	3/3/2005	49	--	--	--	--
800-296-0.6	0.6	3/3/2005	40	--	--	--	--
800-297-0.15	0.15	3/3/2005	10	--	--	--	--
800-297-0.3	0.3	3/3/2005	12	--	--	--	--
800-297-0.6	0.6	3/3/2005	38	--	--	--	7.19
800-298-0.15	0.15	3/3/2005	ND<5.0	--	--	--	--
800-298-0.3	0.3	3/3/2005	ND<5.0	--	--	--	--
800-298-0.6	0.6	3/3/2005	6.2	--	--	--	--
800-299-0.15	0.15	3/3/2005	18	--	--	--	--
800-299-0.3	0.3	3/3/2005	ND<5.0	--	--	--	--
800-299-0.6	0.6	3/3/2005	ND<5.0	--	--	--	--
800-300-0.15	0.15	3/3/2005	5.5	--	--	--	--
800-300-0.3	0.3	3/3/2005	10	--	--	--	--
800-300-0.6	0.6	3/3/2005	8.6	--	--	--	--
800-301-0.15	0.15	3/3/2005	42	--	--	--	--
800-301-0.3	0.3	3/3/2005	Refusal	--	--	--	--
800-301-0.6	0.6	3/3/2005	Refusal	--	--	--	--
800-302-0.15	0.15	3/3/2005	6.8	--	--	--	--
800-302-0.3	0.3	3/3/2005	5.1	--	--	--	--
800-302-0.6	0.6	3/3/2005	ND<5.0	--	--	--	--
800-303-0.15	0.15	3/3/2005	51	4.1	--	--	--
800-303-0.3	0.3	3/3/2005	6	--	--	--	7.22
800-303-0.6	0.6	3/3/2005	ND<5.0	--	--	--	--
800-304-0.15	0.15	3/3/2005	9.2	--	--	--	7.24
800-304-0.3	0.3	3/3/2005	16	--	--	--	--
800-304-0.6	0.6	3/3/2005	7.1	--	--	--	--
800-305-0.15	0.15	3/3/2005	ND<5.0	--	--	--	--
800-305-0.3	0.3	3/3/2005	22	--	--	--	--
800-305-0.6	0.6	3/3/2005	9	--	--	--	--
800-306-0.15	0.15	3/3/2005	12	--	--	--	--
800-306-0.3	0.3	3/3/2005	6.3	--	--	--	--
800-306-0.6	0.6	3/3/2005	19	--	--	--	--
800-307-0.15	0.15	3/3/2005	49	--	--	--	--
800-307-0.3	0.3	3/3/2005	20	--	--	--	--
800-307-0.6	0.6	3/3/2005	13	--	--	--	--

**TABLE 2 - SOUTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLc (mg/kg)	STLc (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
800-308-0.15	0.15	3/3/2005	38	--	--	--	--
800-308-0.3	0.3	3/3/2005	15	--	--	--	--
800-308-0.6	0.6	3/3/2005	21	--	--	--	--
<b>Group ID SB-E: Stations 247+00 to 268+00</b>							
800-315-0.15	0.15	3/3/2005	61	2.8	--	--	--
800-315-0.3	0.3	3/3/2005	21	--	--	--	--
800-315-0.6	0.6	3/3/2005	19	--	--	--	--
800-316-0.15	0.15	3/3/2005	31	--	--	--	--
800-316-0.3	0.3	3/3/2005	23	--	--	--	--
800-316-0.6	0.6	3/3/2005	Refusal	--	--	--	--
800-317-0.15	0.15	3/3/2005	30	--	--	--	--
800-317-0.3	0.3	3/3/2005	15	--	--	--	7.06
800-317-0.6	0.6	3/3/2005	28	--	--	--	--
800-318-0.15	0.15	3/3/2005	17	--	--	--	--
800-318-0.3	0.3	3/3/2005	27	--	--	--	--
800-318-0.6	0.6	3/3/2005	30	--	--	--	--
800-319-0.15	0.15	3/3/2005	80	5	--	--	--
800-319-0.3	0.3	3/3/2005	42	--	--	--	--
800-319-0.6	0.6	3/3/2005	65	4.4	--	--	--
800-320-0.15	0.15	3/3/2005	110	5.9	ND<0.25	--	--
800-320-0.3	0.3	3/3/2005	25	--	--	--	--
800-320-0.6	0.6	3/3/2005	190	18	ND<0.25	--	--
800-321-0.15	0.15	3/3/2005	18	--	--	--	--
800-321-0.3	0.3	3/3/2005	140	17	ND<0.25	--	--
800-321-0.6	0.6	3/3/2005	330	29	0.7	--	--
800-322-0.15	0.15	3/3/2005	140	13	ND<0.25	--	--
800-322-0.3	0.3	3/3/2005	33	--	--	--	--
800-322-0.6	0.6	3/3/2005	93	8	ND<0.25	--	--
800-323-0.15	0.15	3/3/2005	130	10	ND<0.25	--	--
800-323-0.3	0.3	3/3/2005	830	52	1.7	3.1	6.75
800-323-0.6	0.6	3/3/2005	260	43	0.29	--	--
<b>Group ID SB-F: Stations 268+00 to 296+00</b>							
800-336-0.15	0.15	3/3/2005	130	9	ND<0.25	--	--
800-336-0.3	0.3	3/3/2005	170	33	1	--	--
800-336-0.6	0.6	3/3/2005	48	--	--	--	--
800-337-0.15	0.15	3/3/2005	480	41	0.3	--	--
800-337-0.3	0.3	3/3/2005	ND<5.0	--	--	--	--
800-337-0.6	0.6	3/3/2005	46	--	--	--	--
800-338-0.15	0.15	3/3/2005	170	20	ND<0.25	--	--
800-338-0.3	0.3	3/3/2005	16	--	--	--	--
800-338-0.6	0.6	3/3/2005	15	--	--	--	--
800-339-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-339-0.3	0.3	3/3/2005	NS	NS	NS	NS	NS
800-339-0.6	0.6	3/3/2005	NS	NS	NS	NS	NS
800-340-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-340-0.3	0.3	3/3/2005	NS	NS	NS	NS	NS
800-340-0.6	0.6	3/3/2005	NS	NS	NS	NS	NS
800-350-0.15	0.15	3/3/2005	760	66	1.3	0.55	--
800-350-0.3	0.3	3/3/2005	220	13	ND<0.25	--	--
800-350-0.6	0.6	3/3/2005	76	16	0.25	--	--
800-351-0.15	0.15	3/3/2005	580	22	0.32	0.59	--
800-351-0.3	0.3	3/3/2005	65	14	ND<0.25	--	5.81

**TABLE 2 - SOUTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

Sample ID	Sample Depth (m)	Sample Date	TTLc (mg/kg)	STLc (mg/l)	DL-WET (mg/l)	TCLP (mg/l)	pH
800-351-0.6	0.6	3/3/2005	5	--	--	--	--
800-352-0.15	0.15	3/3/2005	270	20	0.26	--	--
800-352-0.3	0.3	3/3/2005	630	60	0.44	ND<0.25	--
800-352-0.6	0.6	3/3/2005	ND<5.0	--	--	--	--
800-353-0.15	0.15	3/3/2005	96	6.7	ND<0.25	--	--
800-353-0.3	0.3	3/3/2005	280	29	1.1	--	6.43
800-353-0.6	0.6	3/3/2005	490	82	3	7.4	--
<b>Group ID SB-F1: Retaining Wall No. 279</b>							
800-341-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-341-0.75	0.75	3/3/2005	NS	NS	NS	NS	NS
800-341-1.5	1.5	3/3/2005	NS	NS	NS	NS	NS
800-342-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-342-0.75	0.75	3/3/2005	NS	NS	NS	NS	NS
800-342-1.5	1.5	3/3/2005	NS	NS	NS	NS	NS
800-343-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-343-0.75	0.75	3/3/2005	NS	NS	NS	NS	NS
800-343-1.5	1.5	3/3/2005	NS	NS	NS	NS	NS
<b>Group ID SB-F2: Retaining Wall Nos. 281 and 283</b>							
800-344-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-344-0.75	0.75	3/3/2005	NS	NS	NS	NS	NS
800-344-1.5	1.5	3/3/2005	NS	NS	NS	NS	NS
800-345-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-345-0.75	0.75	3/3/2005	NS	NS	NS	NS	NS
800-345-1.5	1.5	3/3/2005	NS	NS	NS	NS	NS
800-346-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-346-0.75	0.75	3/3/2005	NS	NS	NS	NS	NS
800-346-1.5	1.5	3/3/2005	NS	NS	NS	NS	NS
800-347-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-347-0.75	0.75	3/3/2005	NS	NS	NS	NS	NS
800-347-1.5	1.5	3/3/2005	NS	NS	NS	NS	NS
800-348-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-348-0.75	0.75	3/3/2005	NS	NS	NS	NS	NS
800-348-1.5	1.5	3/3/2005	NS	NS	NS	NS	NS
800-349-0.15	0.15	3/3/2005	NS	NS	NS	NS	NS
800-349-0.75	0.75	3/3/2005	NS	NS	NS	NS	NS
800-349-1.5	1.5	3/3/2005	NS	NS	NS	NS	NS
<b>Group ID SB-G: Imperial Highway On-Ramp and Off-Ramp</b>							
800-357-0.15	0.15	3/4/2005	21	--	--	--	--
800-357-0.3	0.3	3/4/2005	11	--	--	--	--
800-357-0.6	0.6	3/4/2005	9.6	--	--	--	--
800-358-0.15	0.15	3/4/2005	80	ND<0.25	--	--	--
800-358-0.3	0.3	3/4/2005	110	0.31	--	--	--
800-358-0.6	0.6	3/4/2005	37	--	--	--	--
800-359-0.15	0.15	3/4/2005	81	4.3	--	--	6.37
800-359-0.3	0.3	3/4/2005	50	3	--	--	--
800-359-0.6	0.6	3/4/2005	60	5	--	--	--
800-360-0.15	0.15	3/4/2005	140	12	ND<0.25	--	--
800-360-0.3	0.3	3/4/2005	35	--	--	--	--
800-360-0.6	0.6	3/4/2005	27	--	--	--	--
<b>Group ID SB-H: Route 405 Off-Ramp</b>							
800-361-0.15	0.15	3/3/2005	62	4.8	--	--	--
800-361-0.3	0.3	3/3/2005	27	--	--	--	--

**TABLE 2 - SOUTHBOUND 710 SOIL SAMPLE RESULTS - LEAD AND pH**

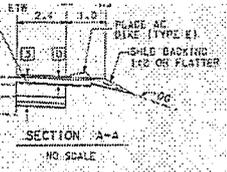
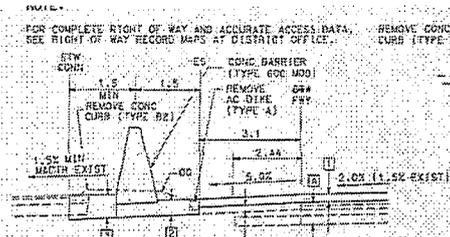
Sample ID	Sample Depth (m)	Sample Date	TTLIC (mg/kg)	STLC (mg/l)	DI-WET (mg/l)	TCLP (mg/l)	pH
800-361-0.6	0.6	3/3/2005	11	--	--	--	--
800-362-0.15	0.15	3/3/2005	120	7.6	ND<0.25	--	--
800-362-0.3	0.3	3/3/2005	17	--	--	--	--
800-362-0.6	0.6	3/3/2005	11	--	--	--	--
800-363-0.15	0.15	3/4/2005	60	1.5	--	--	--
800-363-0.3	0.3	3/4/2005	8.5	--	--	--	--
800-363-0.6	0.6	3/4/2005	ND<5.0	--	--	--	--
800-364-0.15	0.15	3/4/2005	72	6.8	ND<0.25	--	--
800-364-0.3	0.3	3/4/2005	8.3	--	--	--	--
800-364-0.6	0.6	3/4/2005	29	--	--	--	--
<b>Equipment Rinsate Samples (mg/l)</b>							
EQ7	NA	3/3/2005	ND<0.25	--	--	--	--
EQ8	NA	3/3/2005	ND<0.25	--	--	--	--
EQ9	NA	3/3/2005	ND<0.25	--	--	--	--
EQ10	NA	3/4/2005	ND<0.25	--	--	--	--
EQ11	NA	3/4/2005	ND<0.25	--	--	--	--
EQ12	NA	3/4/2005	ND<0.25	--	--	--	--
<b>Notes:</b>							
TTLIC – Total Threshold Limit Concentration for Lead using United States Environmental Protection Agency (EPA) Test Method No. 6010B.							
STLC – Soluble Threshold Limit Concentration for Lead using EPA Test Method No. 7420.							
DI-WET – Soluble Threshold Limit Concentration for Lead using De-Ionized Water Extraction using EPA Test Method No. 7420.							
TCLP – Toxic Characteristic Leaching Procedure for Lead using EPA Test Method Nos. 1311/7420.							
pH – analyzed using EPA Test Method No. 9045C.							
mg/kg – milligrams per kilogram							
mg/l – milligrams per liter							
-- – indicates not analyzed.							
ND<5.0 – not detected above the laboratory Practical Quantitation Limit							
NA – not applicable							
NS – no sample							
Refusal – indicates a proposed sample was not collected due to auger refusal							

TABLE 3 - NORTHBOUND 710 SOIL SAMPLES RESULTS FOR METALS

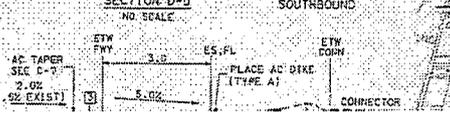
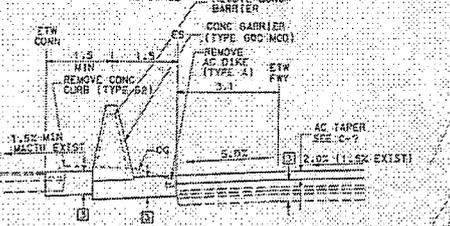
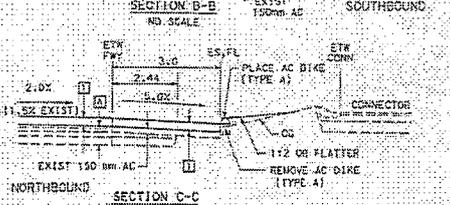
Sample ID	Sample Date	Metals (mg/kg)																
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Cobalt	Copper	Mercury*	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Soluble (mg/l)
800-105-0.15	3/1/2005	ND<1.0	ND<1.0	200	ND<1.0	8.5	46	6.8	170	0.31	8.8	43	1.9	ND<1.0	ND<1.0	27	820	NA
800-105-0.6	3/1/2005	ND<1.0	ND<1.0	120	ND<1.0	ND<1.0	64	10	46	ND<0.10	4.5	40	2.3	ND<1.0	ND<1.0	31	130	Chromium ND<1.0
800-156-0.15	3/1/2005	ND<1.0	ND<1.0	85	ND<1.0	1.1	26	5.8	68	0.23	4.7	20	1.6	ND<1.0	ND<1.0	21	280	NA
800-158-0.15	3/1/2005	ND<1.0	8.3	120	ND<1.0	1.2	29	6.5	170	ND<0.10	5.3	22	4.9	ND<1.0	ND<1.0	20	350	NA
800-160-0.15	3/1/2005	ND<1.0	ND<1.0	170	ND<1.0	2.1	56	7.2	160	0.43	9.8	38	2.0	ND<1.0	ND<1.0	22	560	Chromium ND<1.0
800-166-0.3	3/1/2005	ND<1.0	ND<1.0	140	ND<1.0	2.1	38	8.9	81	ND<0.10	6.0	30	2.6	ND<1.0	ND<1.0	27	430	NA
800-207-0.15	3/2/2005	ND<1.0	ND<1.0	160	ND<1.0	1.6	28	6.4	130	0.18	5.6	24	1.8	ND<1.0	ND<1.0	23	390	NA
800-208-0.15	3/2/2005	ND<1.0	ND<1.0	160	ND<1.0	2.3	35	7.3	140	0.31	7.3	31	1.1	ND<1.0	ND<1.0	24	630	NA
800-208-0.3	3/2/2005	ND<1.0	ND<1.0	94	ND<1.0	ND<1.0	19	6.1	56	0.16	3.6	15	ND<1.0	ND<1.0	ND<1.0	23	260	NA
800-210-0.15	3/2/2005	ND<1.0	ND<1.0	82	ND<1.0	1.1	20	5.1	57	0.1	3.1	17	ND<1.0	ND<1.0	ND<1.0	17	250	NA
800-210-0.3	3/2/2005	ND<1.0	ND<1.0	67	ND<1.0	ND<1.0	15	6.3	30	0.17	2.3	14	1.9	ND<1.0	ND<1.0	23	150	NA
800-216-0.15	3/2/2005	ND<1.0	ND<1.0	100	ND<1.0	1.4	25	7.7	170	0.17	4.8	19	1.2	ND<1.0	ND<1.0	27	320	NA
800-218-0.15	3/2/2005	ND<1.0	ND<1.0	110	ND<1.0	3.1	28	9.8	91	0.25	5.4	32	ND<1.0	ND<1.0	ND<1.0	23	380	NA
800-220-0.15	3/2/2005	ND<1.0	ND<1.0	98	ND<1.0	1.7	31	8.6	91	0.17	4.1	25	ND<1.0	ND<1.0	ND<1.0	30	270	NA

Notes:  
 mg/kg - milligrams per kilogram  
 ND<1.0 - not detected above the Practical Quantitation Limit  
 Samples were analyzed using United States Environmental Protection Agency (EPA) Test Method Nos. 6010B.  
 Mercury was analyzed using EPA Test Method No. 7471A.  
 mg/l - milligrams per liter  
 NA - not analyzed

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



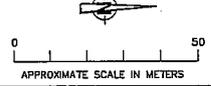
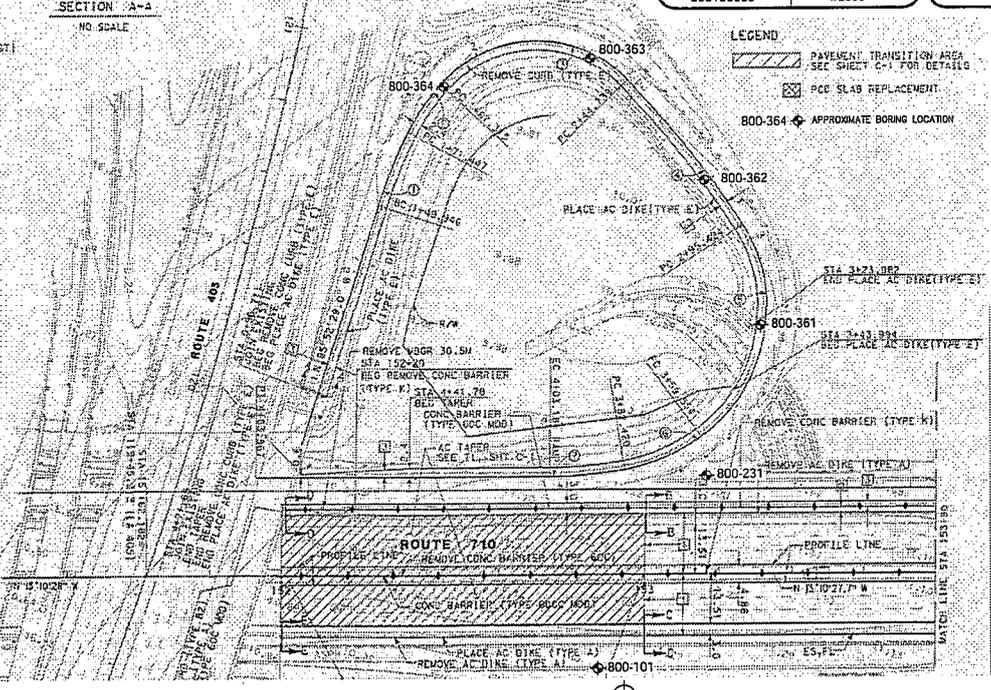
STATION	ANGLE	LENGTH	STATION	ANGLE	LENGTH
121.922 m	10°00'15.5"	10.778 m	21.491 m		
80.960 m	14°54'51.1"	1.375 m	15.268 m		
35.327 m	53°23'18.7"	32.294 m	27.424 m		
243.849 m	11°54'34.8"	25.434 m	50.685 m		
42.072 m	86°00'12.4"	39.854 m	64.171 m		
48.788 m	26°01'38.3"	11.048 m	22.563 m		
121.820 m	8°45'21.9"	10.464 m	20.160 m		



**BORING LOCATION MAP**  
 LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 29.8)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A751-01

PROJECT NO.	DATE	FIGURE
206130003	4/2005	2

- LEGEND**
- PAVEMENT TRANSITION AREA SEE SHEET C-1 FOR DETAILS
  - PCC SLAB REPLACEMENT
  - 800-364 APPROXIMATE BORING LOCATION



**Ninyo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

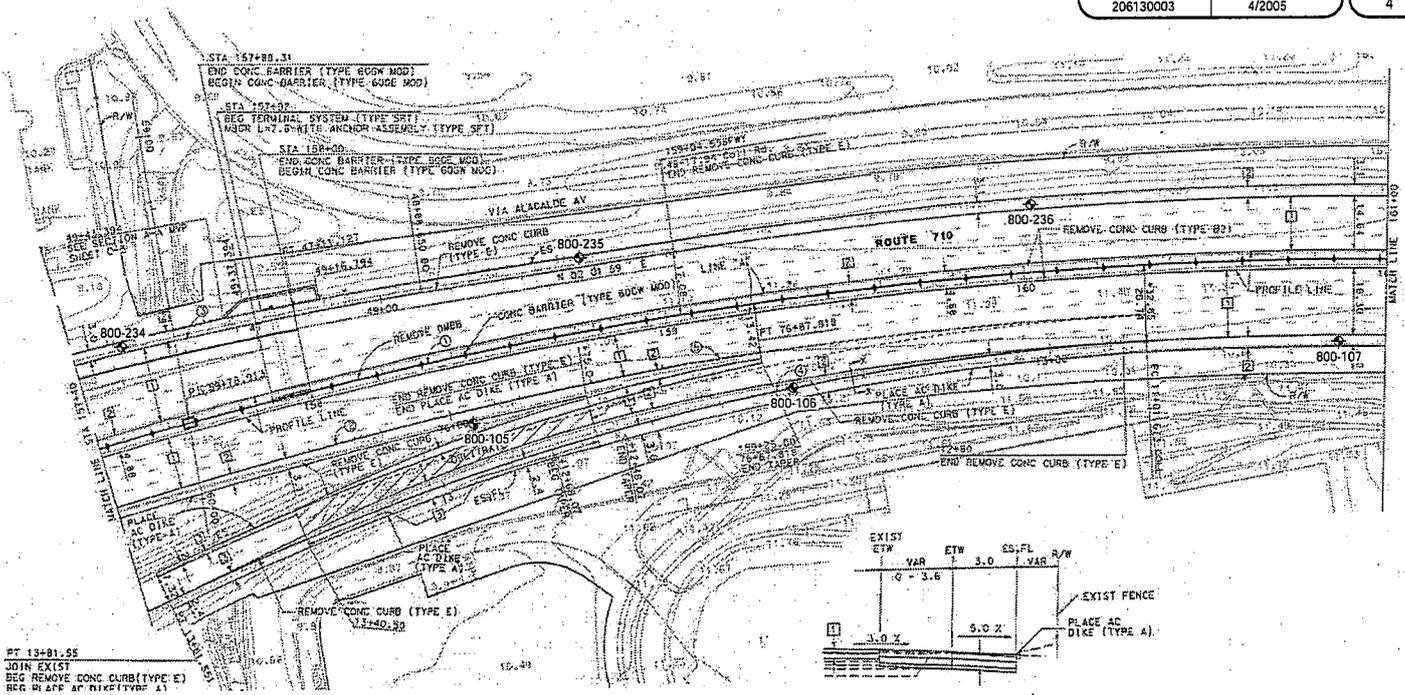


NO	P	A	T	L
1	209.448 m	26°13'38"	991.750 m	553.625 m
2	1300.00 m	7°47'12"	89.496 m	279.714 m
3	975.36 m	12°31'21"	107.042 m	213.230 m
4	769.00 m	32°54'36"	141.834 m	279.878 m
5	150.029 m	0°53'2"	10.27 m	20.539 m

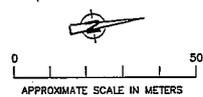
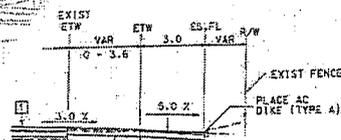
LEGEND  
800-236 ◊ APPROXIMATE BORING LOCATION

**BORING LOCATION MAP**  
LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO.	DATE	FIGURE
206130003	4/2005	4



PT 13+81.55  
JOIN EXIST  
REG REMOVE CONC CURB (TYPE E)  
REG DIKE AT DIKE (TYPE A)



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

**Ninyo & Moore**

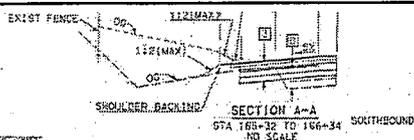
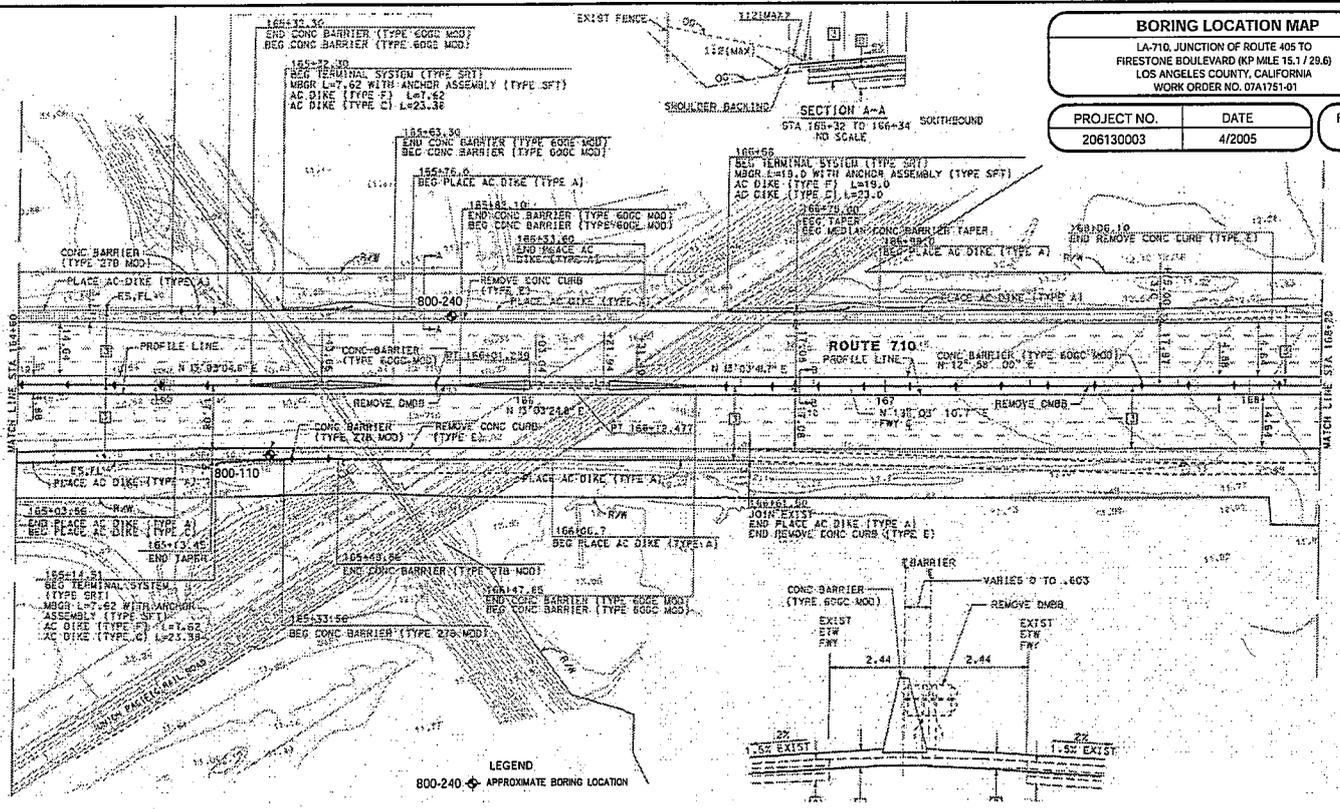


**BORING LOCATION MAP**

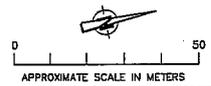
LA-710 JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

PROJECT NO.	DATE
206130003	4/2005

FIGURE
6



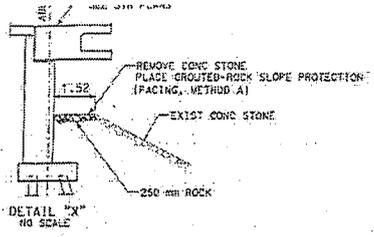
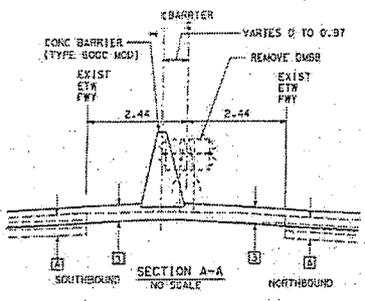
**LEGEND**  
 800-240 ◊ APPROXIMATE BORING LOCATION



**Ninyo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

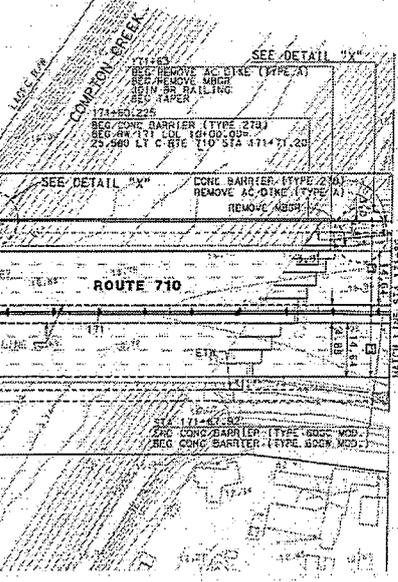
200310-BLDWG



BORING LOCATION MAP		
LA-710, JUNCTION OF ROUTE 405 TO FIRESTONE BOULEVARD (R/MILE 15.1 / 29.6) LOS ANGELES COUNTY, CALIFORNIA WORK ORDER NO. 07A1751-01		
PROJECT NO.	DATE	FIGURE
206130003	4/2005	7

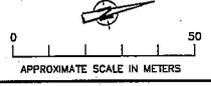
STA 170+09.08  
 END CONC BARRIER (TYPE 27B)  
 JOIN SR RAILING  
 END RW 189 L&L 10+79.05  
 25.580 LT. & RTE 710 STA 170+09.08

END YARD  
 END PLACE AC DIKE (TYPE A)  
 END CONC BARRIER (TYPE 27B)  
 END RW 180 L&L STA 10+00.00  
 22.580 LT. & RTE 710 STA 100+90.08



206130-18.000

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

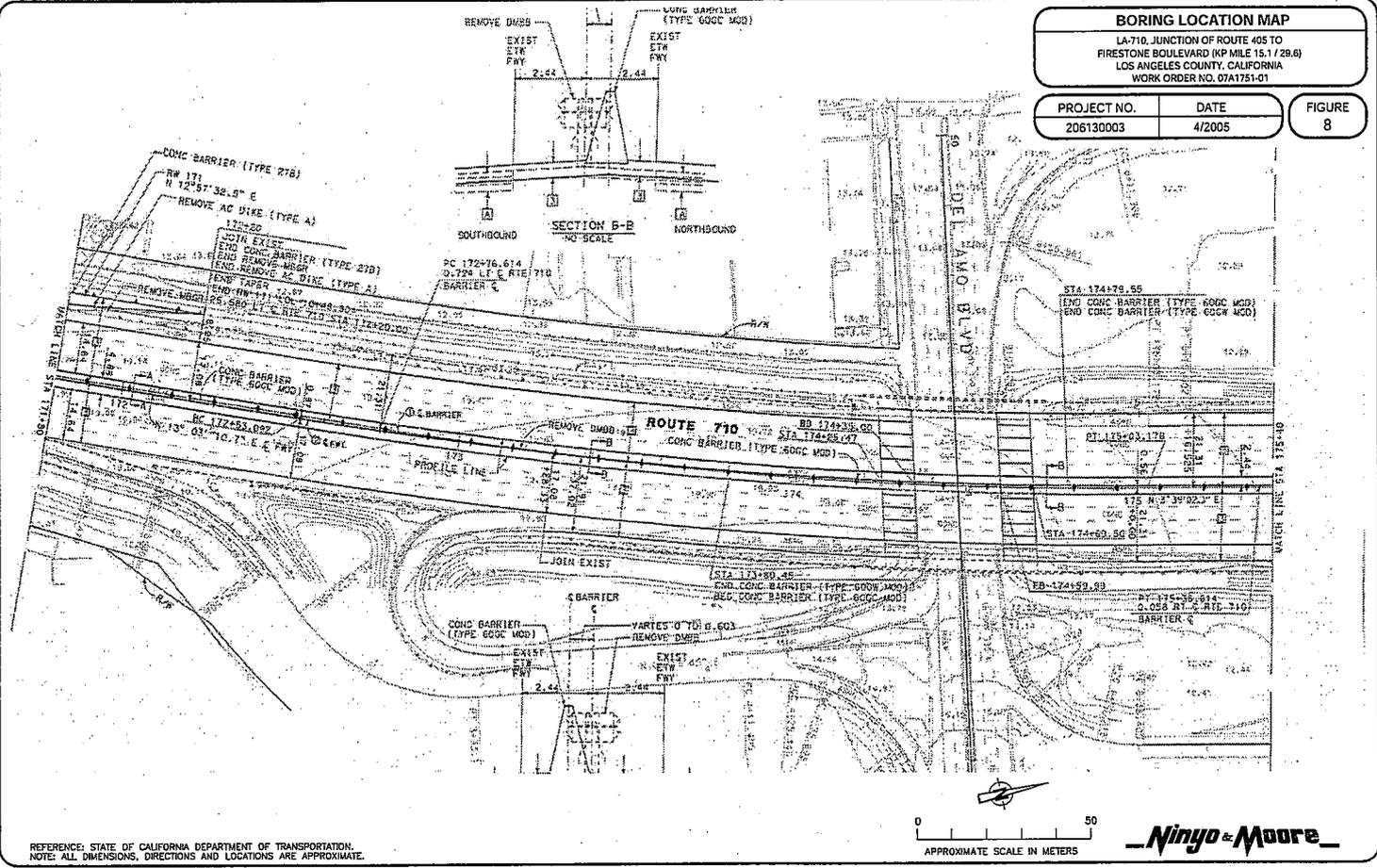


**Ninyo & Moore**

**BORING LOCATION MAP**  
 LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

PROJECT NO.	DATE
206130003	4/2005

FIGURE  
8



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

**Ninyo & Moore**

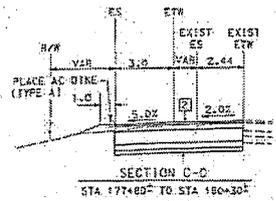
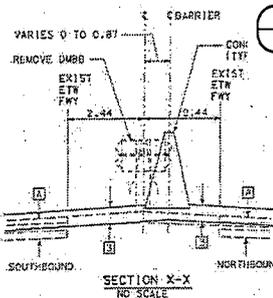
**NOTE:**

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

CURVE DATA				
NO	R	Δ	T	L
1	2133.804 m	27°06'59"	514.574 m	1309.768 m
2	20.96 m	82°46'14"	33.716 m	59.064 m
3	398.363 m	4°02'45.6"	60.842 m	129.960 m
4	940.204 m	02°51'52"	34.757 m	46.504 m
5	895.486 m	03°01'21.0"	23.362 m	46.713 m
6	132.40 m	22°46'22"	30.953 m	60.307 m
7	139.013 m	19°46'26"	22.854 m	45.303 m
8	2194.816 m	3°44'30.5"	70.390 m	140.731 m

**LEGEND**

800-252-4 APPROXIMATE BORING LOCATION

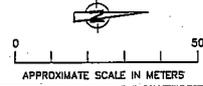
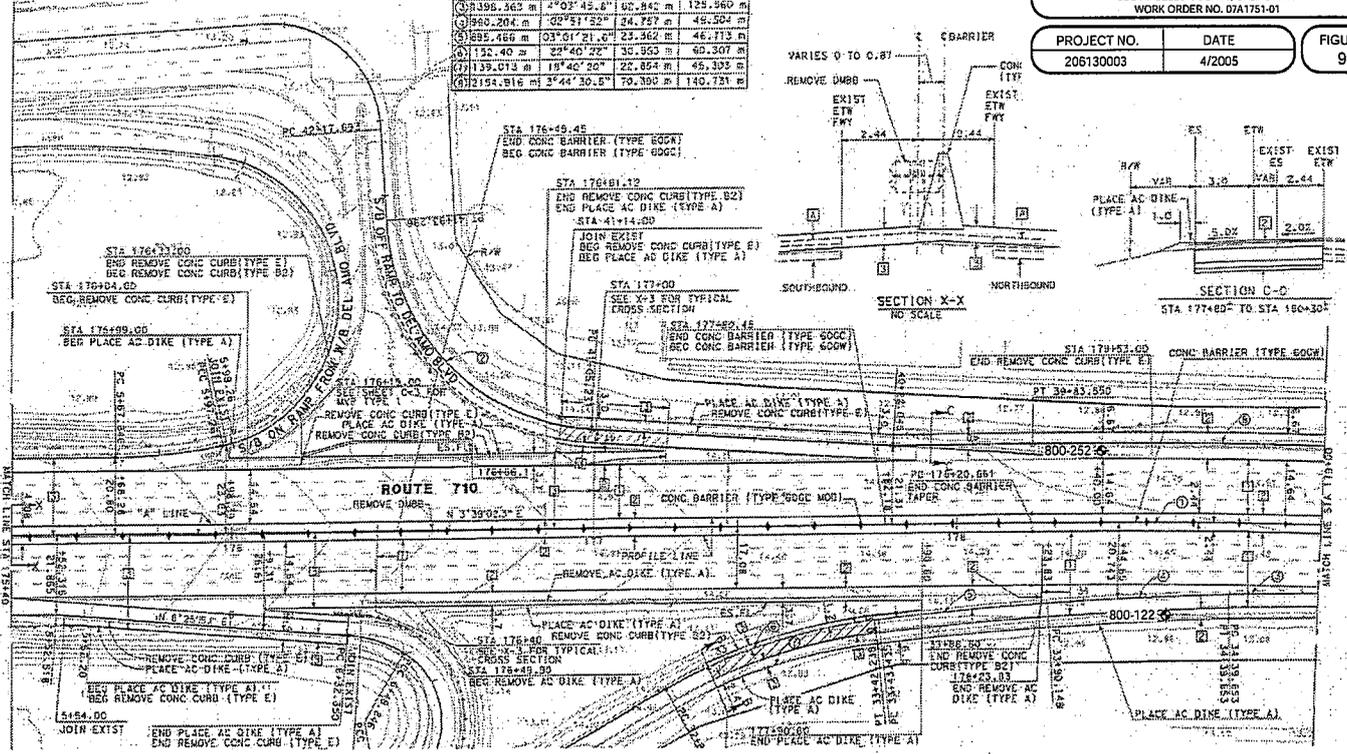


**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO FIRESTONE BOULEVARD (R/W MILE 15.1/28.6) LOS ANGELES COUNTY, CALIFORNIA WORK ORDER NO. 07A1753-01

PROJECT NO.	DATE
206130003	4/2005

FIGURE
9



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION. NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

**Ninyo & Moore**

**NOTE:**

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

CURVE DATA					
NO.	R	Δ	L	T	L
(1)	2133.804 m	77°06'59"	214.524 m	1029.769 m	
(2)	597.0 m	17°25'29.3"	39.735 m	71.354 m	

**LEGEND**

800-255 ◊ APPROXIMATE BORING LOCATION

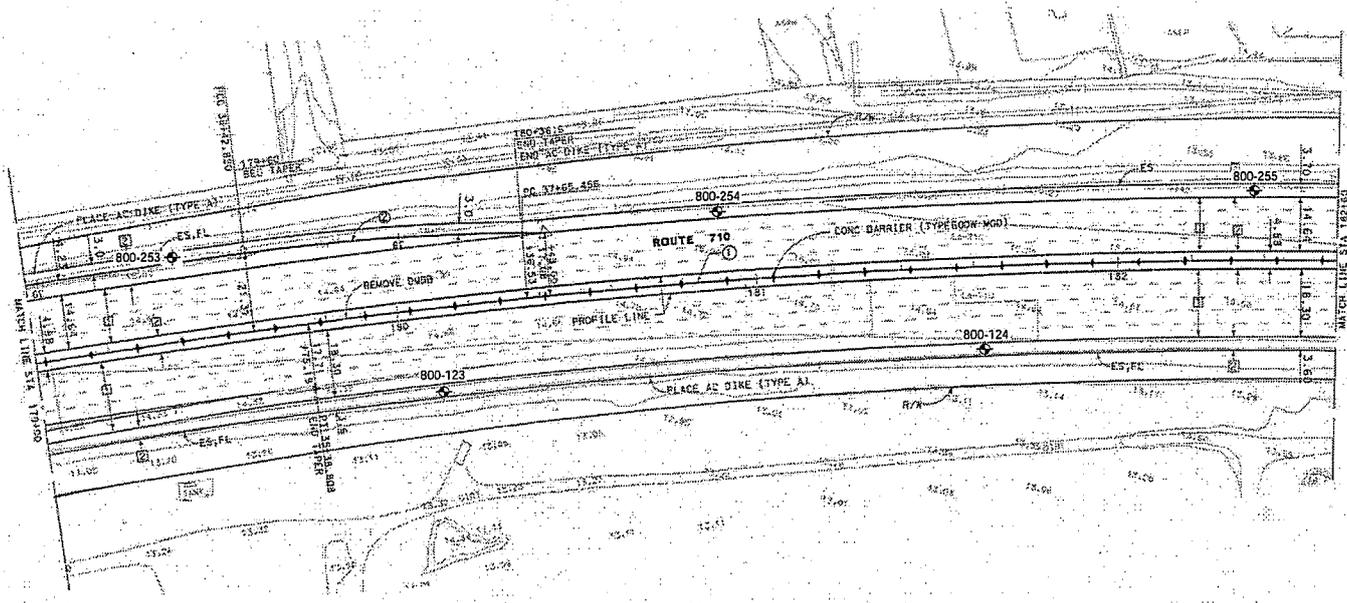
**BORING LOCATION MAP**

LA-710 JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO.  
206130003

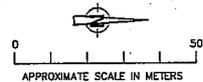
DATE  
4/2005

FIGURE  
10



206130-01.DWG

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**Ninyo & Moore**

**NOTE:**

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

**BORING LOCATION MAP**

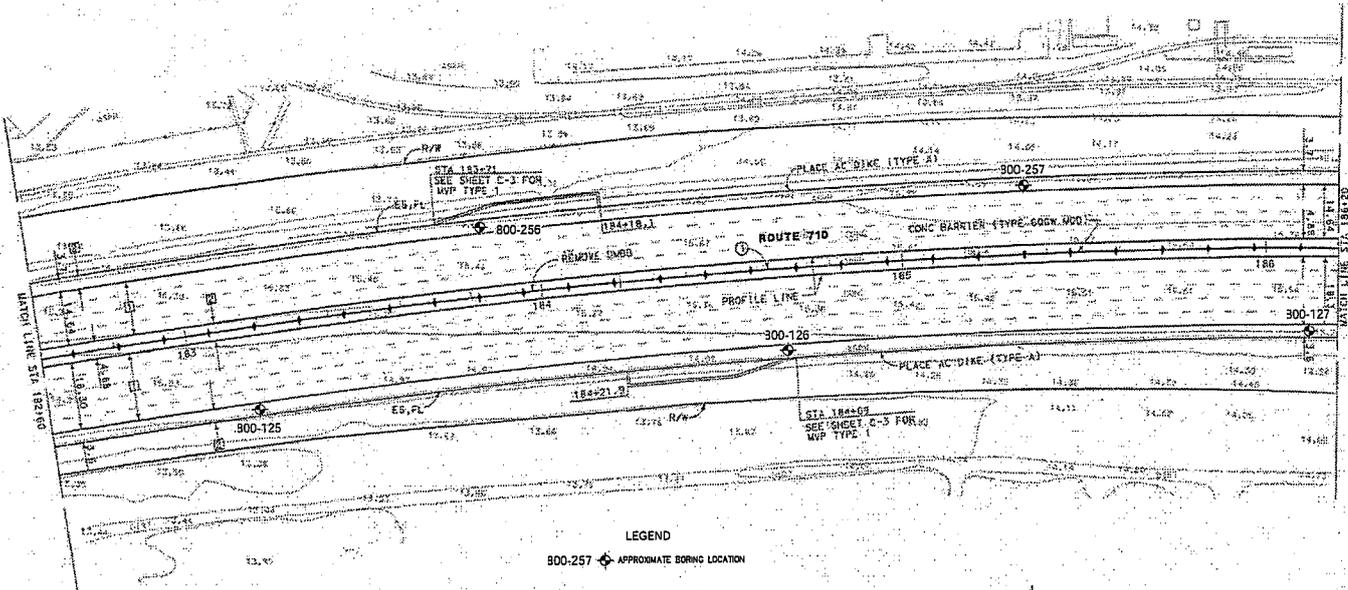
LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO.  
206130003

DATE  
4/2005

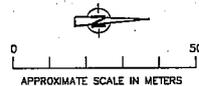
FIGURE  
11

CURVE DATA				
NO	R	Δ	T	L
(1)	2123.404 m	27°06'50"	514.624 m	1069.768 m



**LEGEND**

800-257 ◉ APPROXIMATE BORING LOCATION



**Ninyo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

200505-EL000006

**NOTE:**

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

**CURVE DATA**

NO	R	Δ	T	L
(1)	1133.800 m	27°06'59"	114.524 m	11069.769 m

**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.17/29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

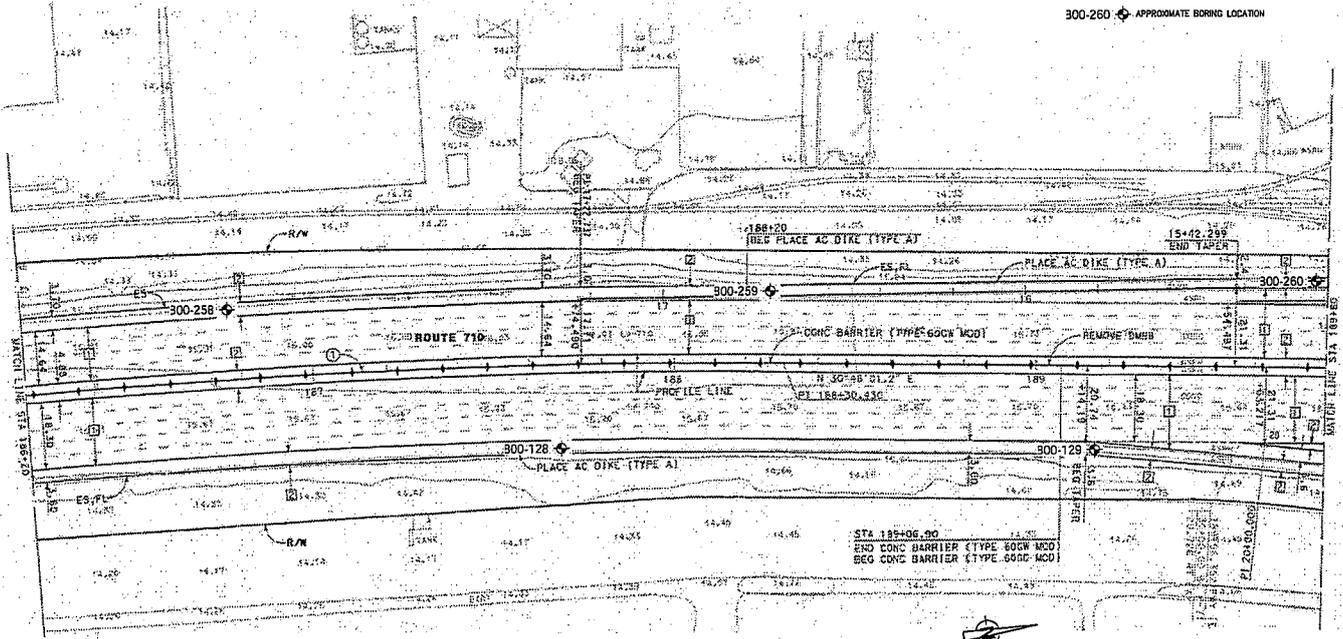
PROJECT NO.  
206130003

DATE  
4/2005

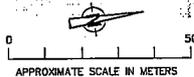
FIGURE  
12

**LEGEND**

300-260 ◊ APPROXIMATE BORING LOCATION



REFERENCE, STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**Ninyo & Moore**

20613-811.DWG

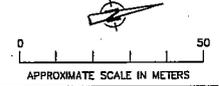
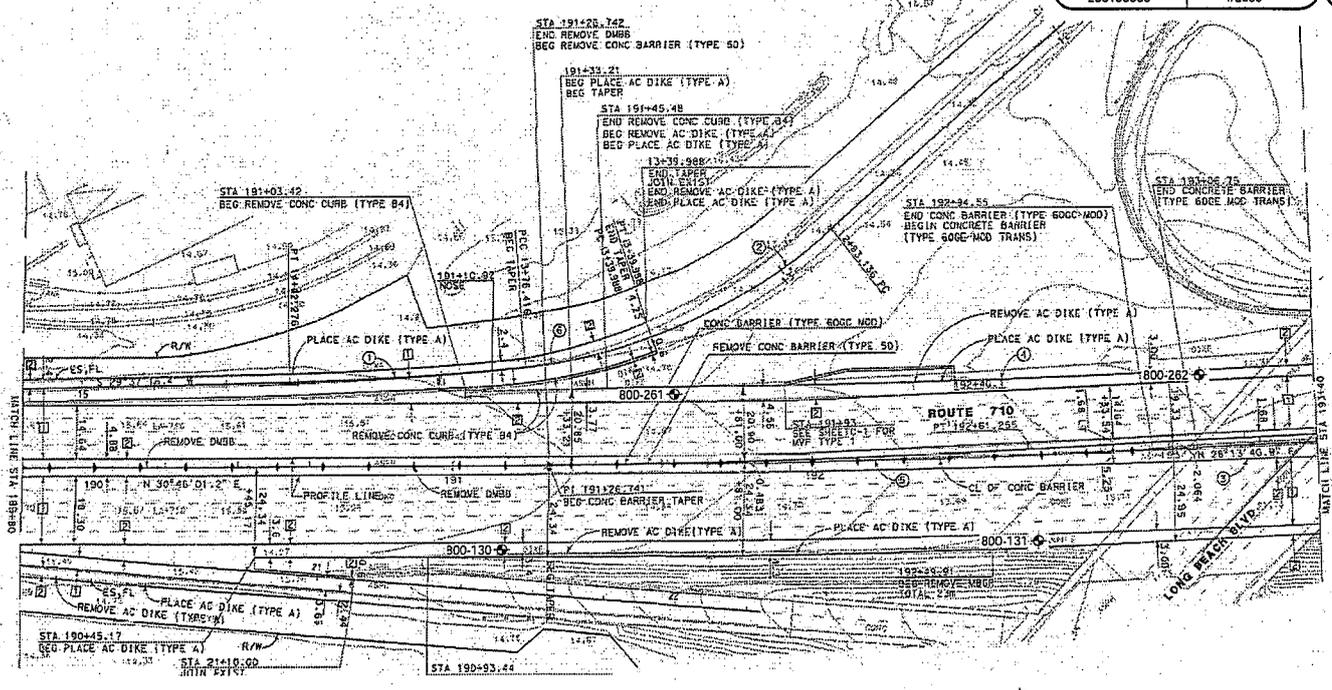
**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

PROJECT NO.	DATE	FIGURE
206130003	4/2005	13

**LEGEND**

300-262  APPROXIMATE BORING LOCATION



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

**Ninyo & Moore**

206130-1102.DWG

**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

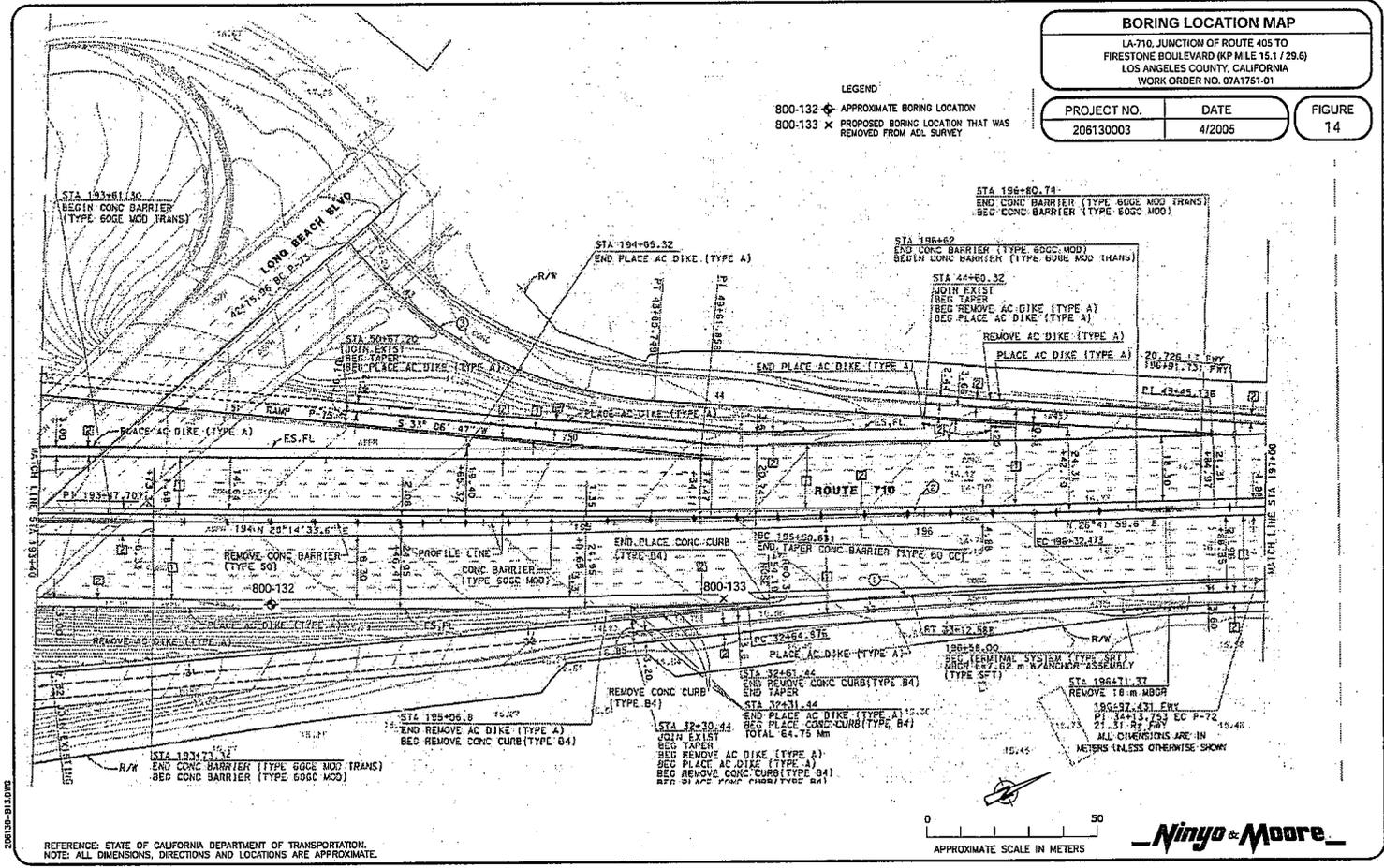
PROJECT NO.  
 206130003

DATE  
 4/2005

FIGURE  
 14

**LEGEND**

800-132  $\diamond$  APPROXIMATE BORING LOCATION  
 800-133  $\times$  PROPOSED BORING LOCATION THAT WAS  
 REMOVED FROM ADL SURVEY



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

**Ninyo & Moore**

**BORING LOCATION MAP**

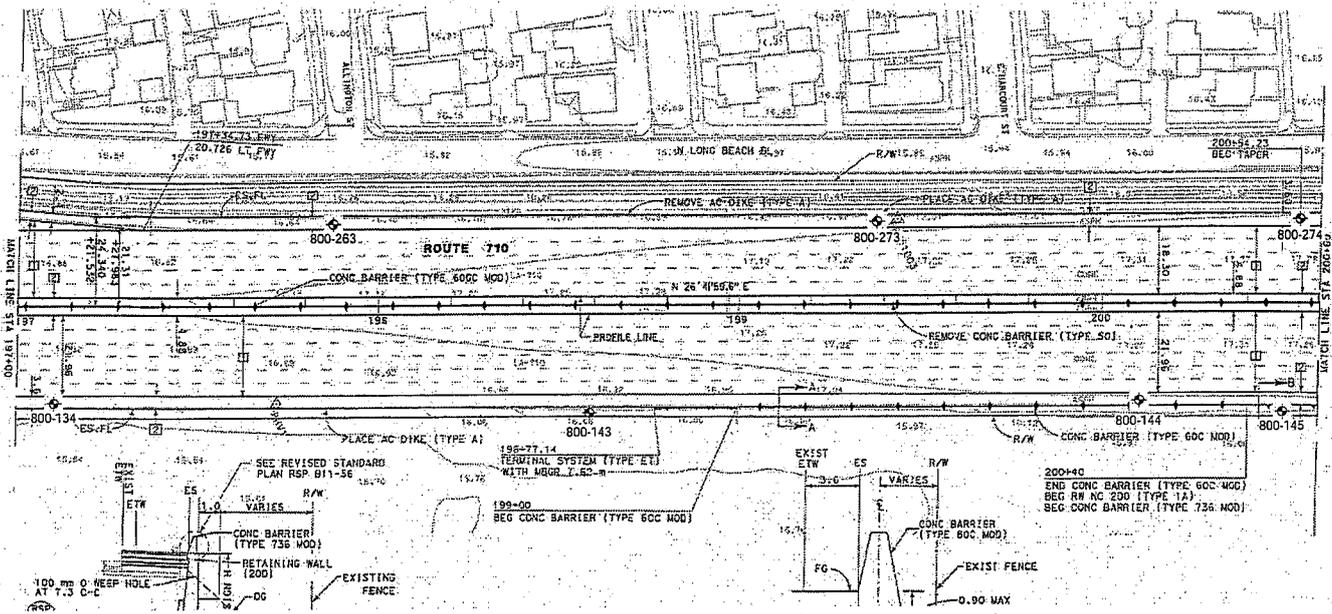
LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 28.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

PROJECT NO.  
 206130003

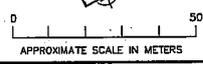
DATE  
 4/2005

FIGURE  
 15

LEGEND  
 800-145  APPROXIMATE BORING LOCATION



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**Ninyo & Moore**

2003-2004





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

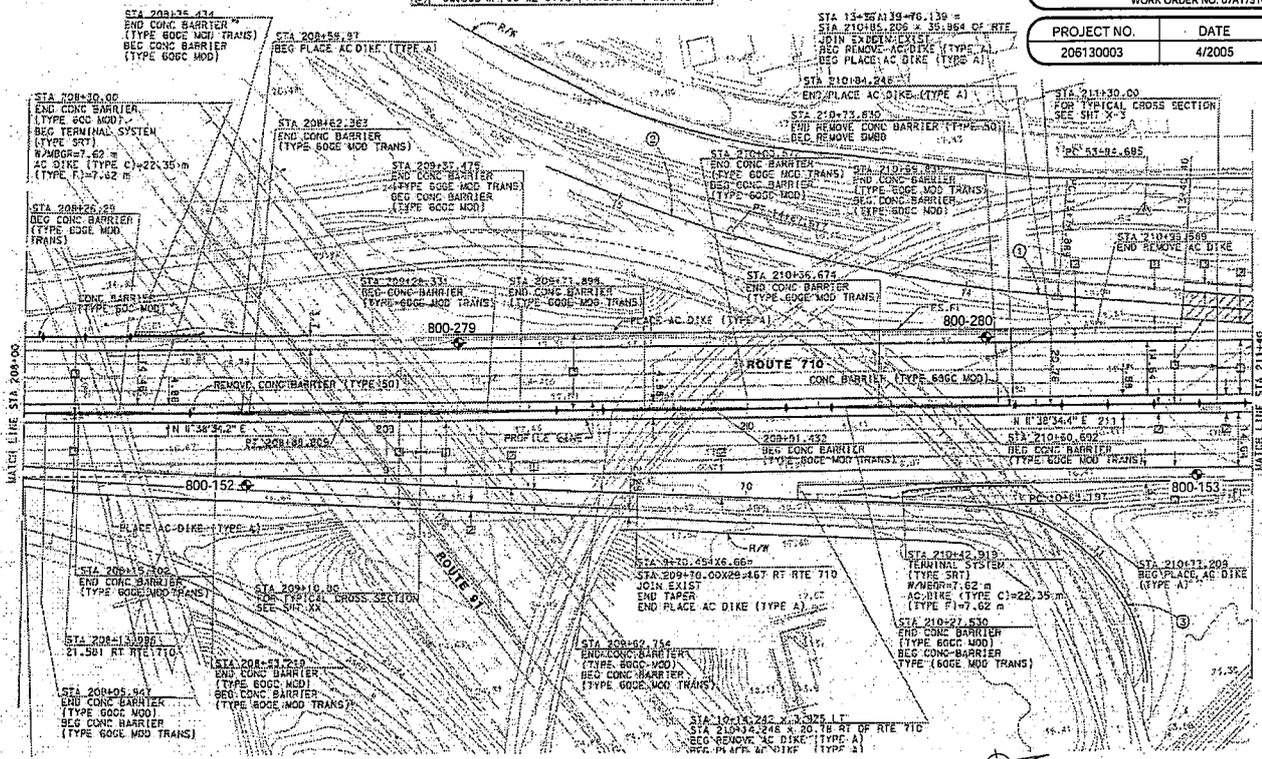
CURVE DATA

NO	R	Δ	T	L
1	484.721 m	127°27'02.1"	46.547 m	32.729 m
2	486.272 m	127°23'55.2"	126.612 m	89.295 m
3	64.366 m	194°02'07.8"	52.875 m	86.172 m

LEGEND  
800-280 ◊ APPROXIMATE BORING LOCATION

**BORING LOCATION MAP**  
LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.8)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO.	DATE	FIGURE
206130003	4/2005	18



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

0 50  
APPROXIMATE SCALE IN METERS

**Ninyo & Moore**

**NOTE:**

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

**LEGEND**  
800-282 APPROXIMATE BORING LOCATION

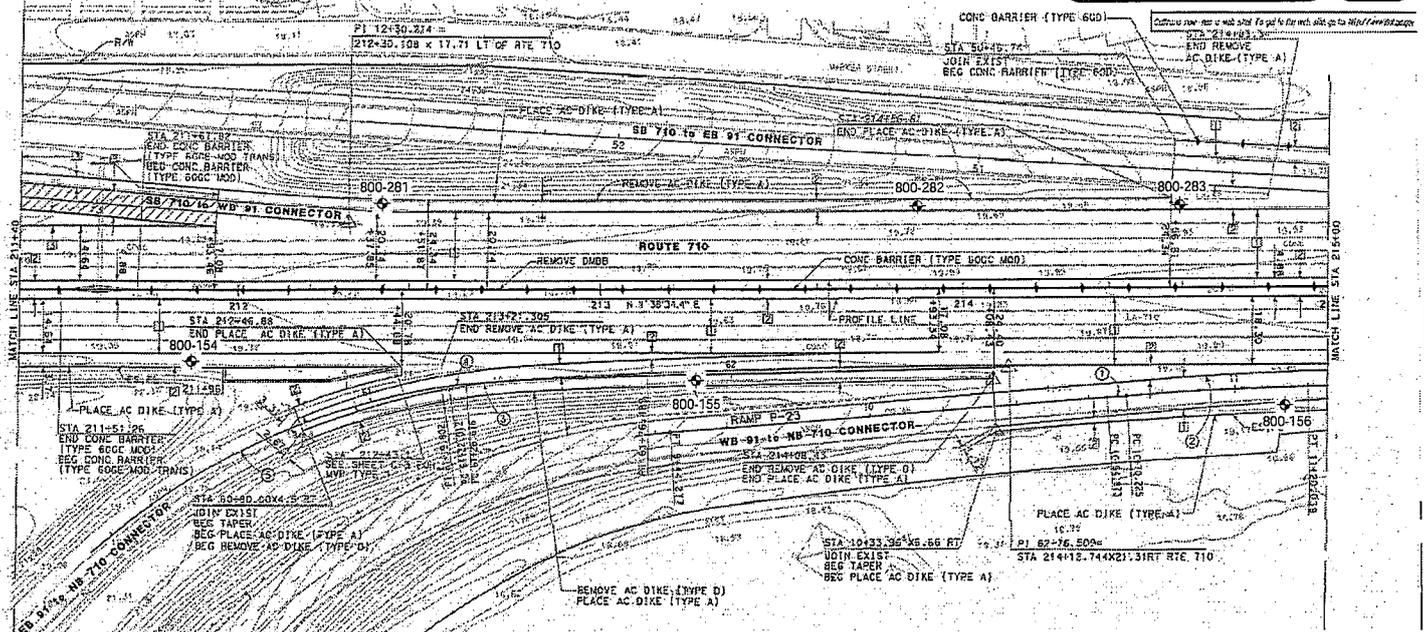
**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A751-01

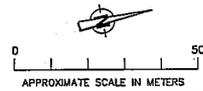
PROJECT NO.  
206130003

DATE  
4/2005

FIGURE  
19



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**Ninyo & Moore**

200504-000000

**NOTE:**

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

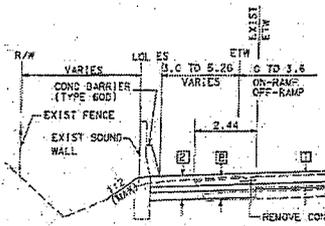
**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1765-01

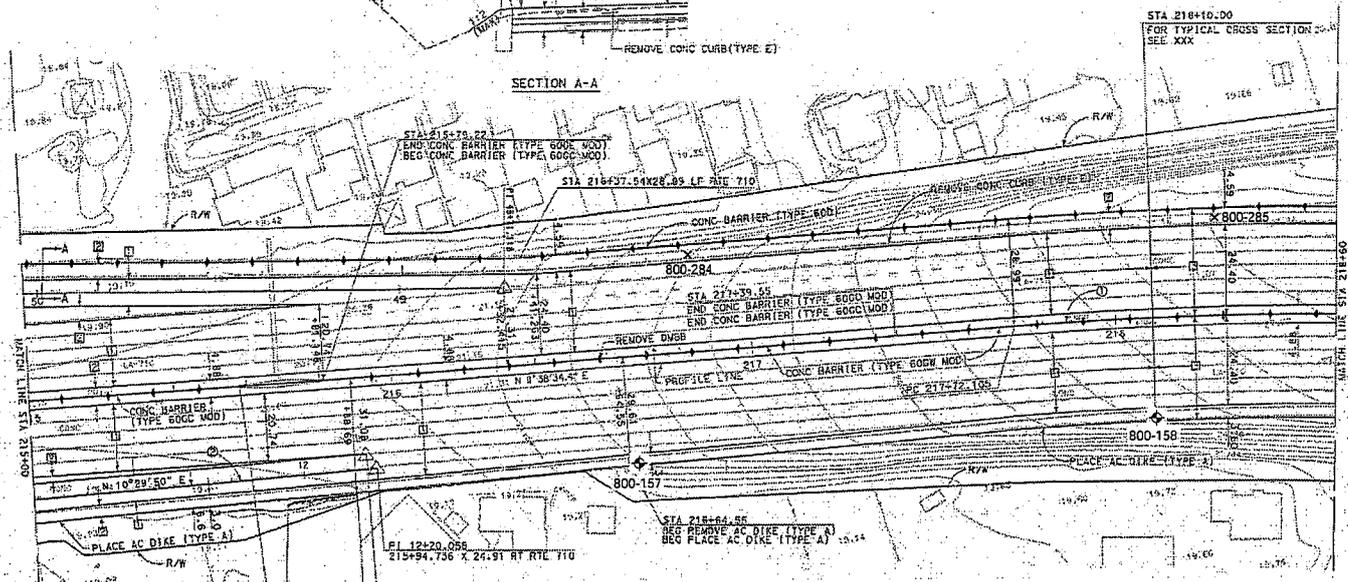
PROJECT NO.	DATE
206130003	4/2005

FIGURE
20

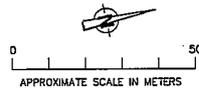
**LEGEND**  
 800-285  $\diamond$  APPROXIMATE BORING LOCATION  
 800-285  $\times$  PROPOSED BORING LOCATION THAT WAS REMOVED FROM ADL SURVEY



**SECTION A-A**



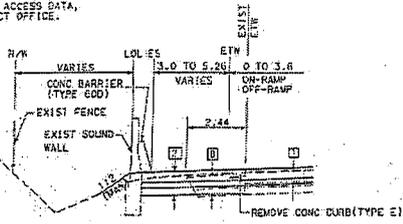
REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



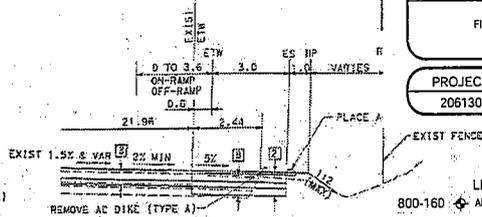
**Ninyo & Moore**

206130003-010-BORING

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



SECTION A-A  
NO SCALE



SECTION B-B  
NO SCALE

**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1761-01

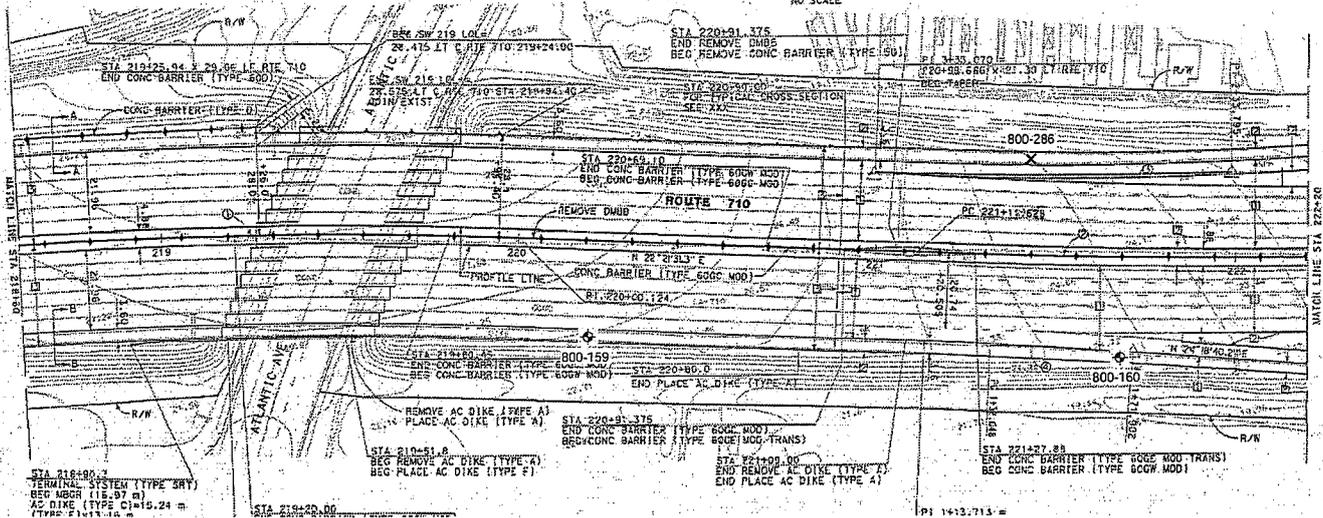
PROJECT NO.  
206130003

DATE  
4/2005

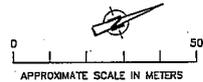
FIGURE  
21

**LEGEND**

- 800-160 APPROXIMATE BORING LOCATION
- 800-286 PROPOSED BORING LOCATION THAT WAS REMOVED FROM ADL SURVEY



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**Ninyo & Moore**

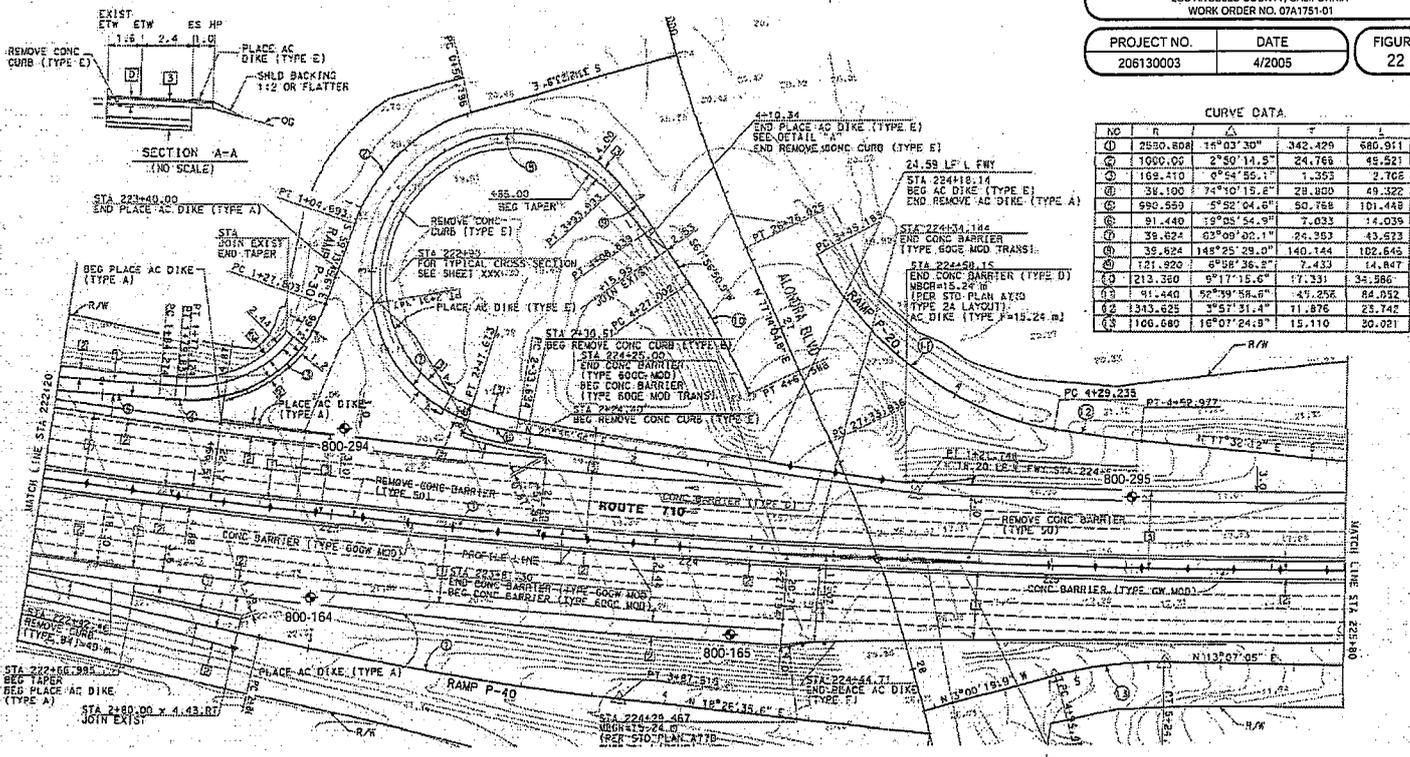
2005-08-08

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

LEGEND  
800-295 APPROXIMATE BORING LOCATION

**BORING LOCATION MAP**  
LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.8)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO. 206130003      DATE 4/2005      FIGURE 22



CURVE DATA

NO	R	Δ	L	E
①	2550.808	14°03'30"	342.428	680.911
②	1050.00	2°50'14.9"	24.768	45.521
③	169.410	0°54'55.1"	1.353	2.762
④	34.100	74°10'15.6"	28.800	49.322
⑤	990.950	5°52'04.6"	50.758	101.449
⑥	31.440	3°05'54.9"	7.633	14.039
⑦	39.824	63°09'30.1"	26.353	43.823
⑧	35.824	148°25'29.0"	140.144	102.645
⑨	121.892	0°58'36.2"	2.433	14.847
⑩	213.350	0°17'15.6"	17.331	34.586
⑪	41.440	52°39'58.0"	49.258	84.032
⑫	1313.625	3°57'31.4"	11.876	23.742
⑬	1100.680	16°07'24.9"	15.110	30.021

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

APPROXIMATE SCALE IN METERS

**Ninyo & Moore**

**NOTE:**  
 FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA  
 SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

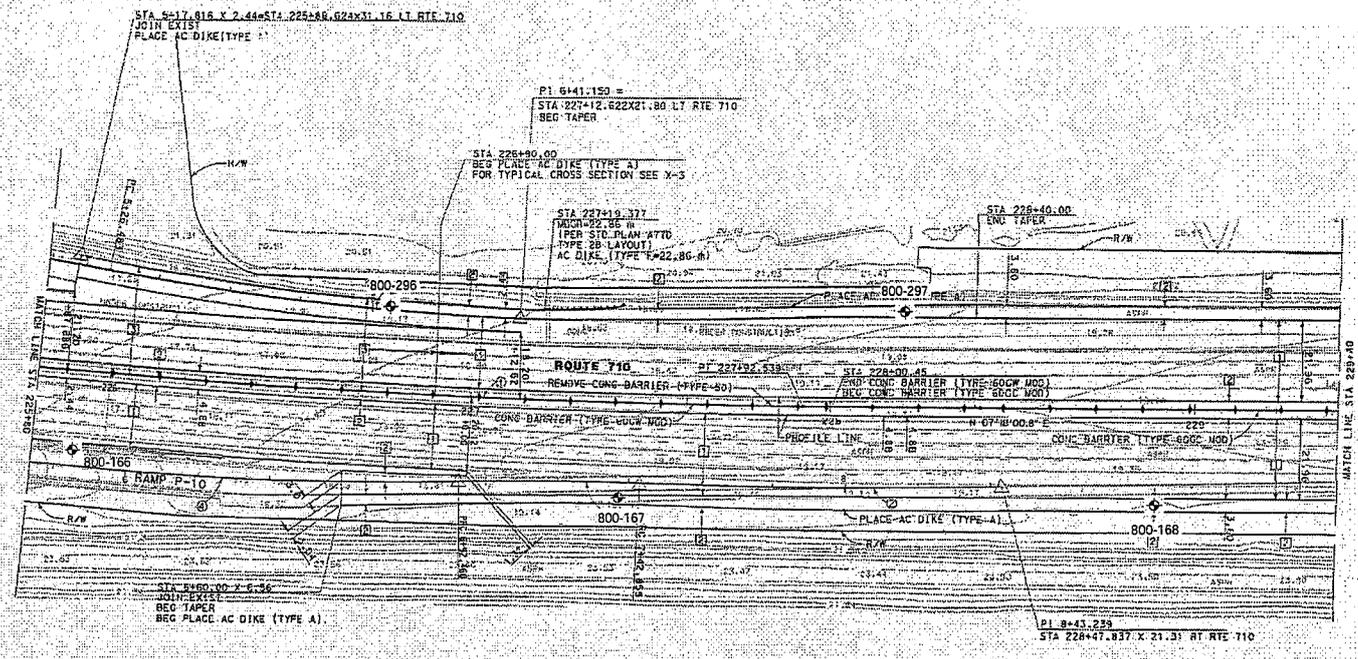
**BORING LOCATION MAP**

LA 710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

PROJECT NO.	DATE
206130003	4/2005

FIGURE
23

**LEGEND**  
 800-297 ◊ APPROXIMATE BORING LOCATION



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

**Ninyo & Moore**

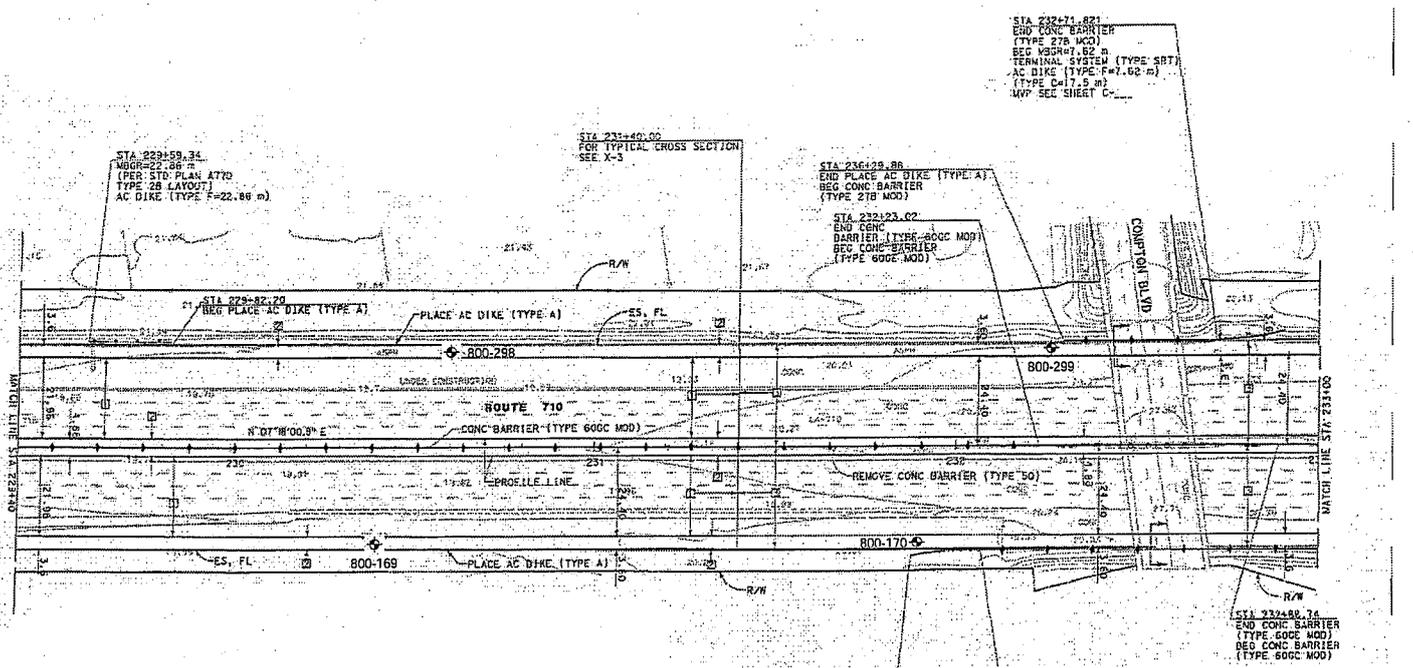
NOTE:  
FOR COMPLETE RIGHT-OF-WAY AND ACCURATE ACCESS DATA,  
SEE RIGHT-OF-WAY RECORD MAPS AT DISTRICT OFFICE.

**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO. 206130003	DATE 4/2005	FIGURE 24
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LEGEND  
800-299  $\blacklozenge$  APPROXIMATE BORING LOCATION



STA 232+71.821  
END CONC BARRIER  
(TYPE 278 MOD)  
BEG CONC BARRIER  
(TYPE 218 MOD)  
TERMINAL SYSTEM (TYPE SBT)  
AC DIKE (TYPE Fwt. 600 m)  
(TYPE C=) 7.5 m  
MVP SEC SHEET C=

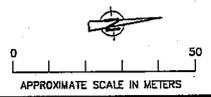
STA 231+40.00  
FOR TYPICAL CROSS SECTION  
SEE X-3

STA 236+29.86  
END PLACE AC DIKE (TYPE A)  
BEG CONC BARRIER  
(TYPE 218 MOD)

STA 232+23.02  
END CONC  
BARRIER (TYPE 600C MOD)  
BEG CONC BARRIER  
(TYPE 600C MOD)

STA 229+59.34  
BEG PLACE AC DIKE (TYPE A)  
(PER STD PLAN AT70  
TYPE 2B LAYOUT)  
AC DIKE (TYPE F=22.88 m)

STA 232+80.74  
END CONC BARRIER  
(TYPE 600C MOD)  
BEG CONC BARRIER  
(TYPE 600C MOD)



**Ninyo & Moore**

REFERENCE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

206130-242.DWG

**NOTE:**

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

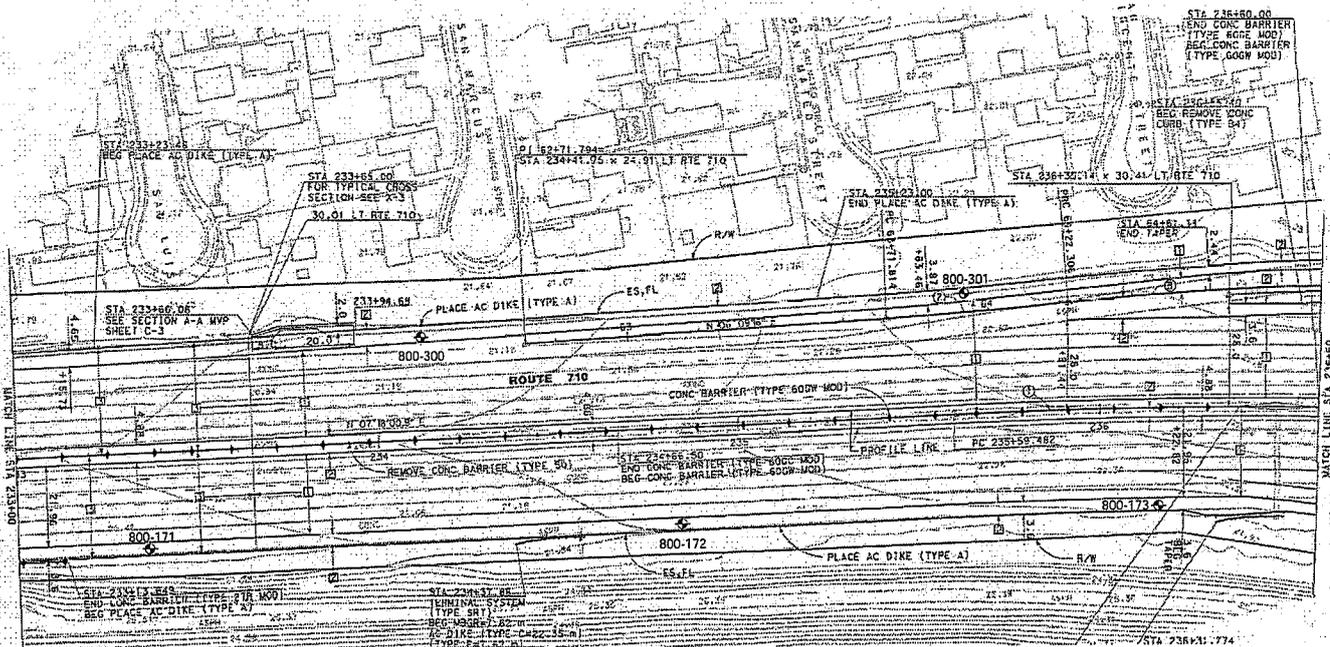
**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

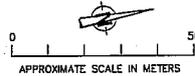
PROJECT NO.	DATE
206130003	4/2005

FIGURE
25

**LEGEND**  
800-301  APPROXIMATE BORING LOCATION



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**Ninyo & Moore**

BORING-BUILDING



**NOTE:**

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

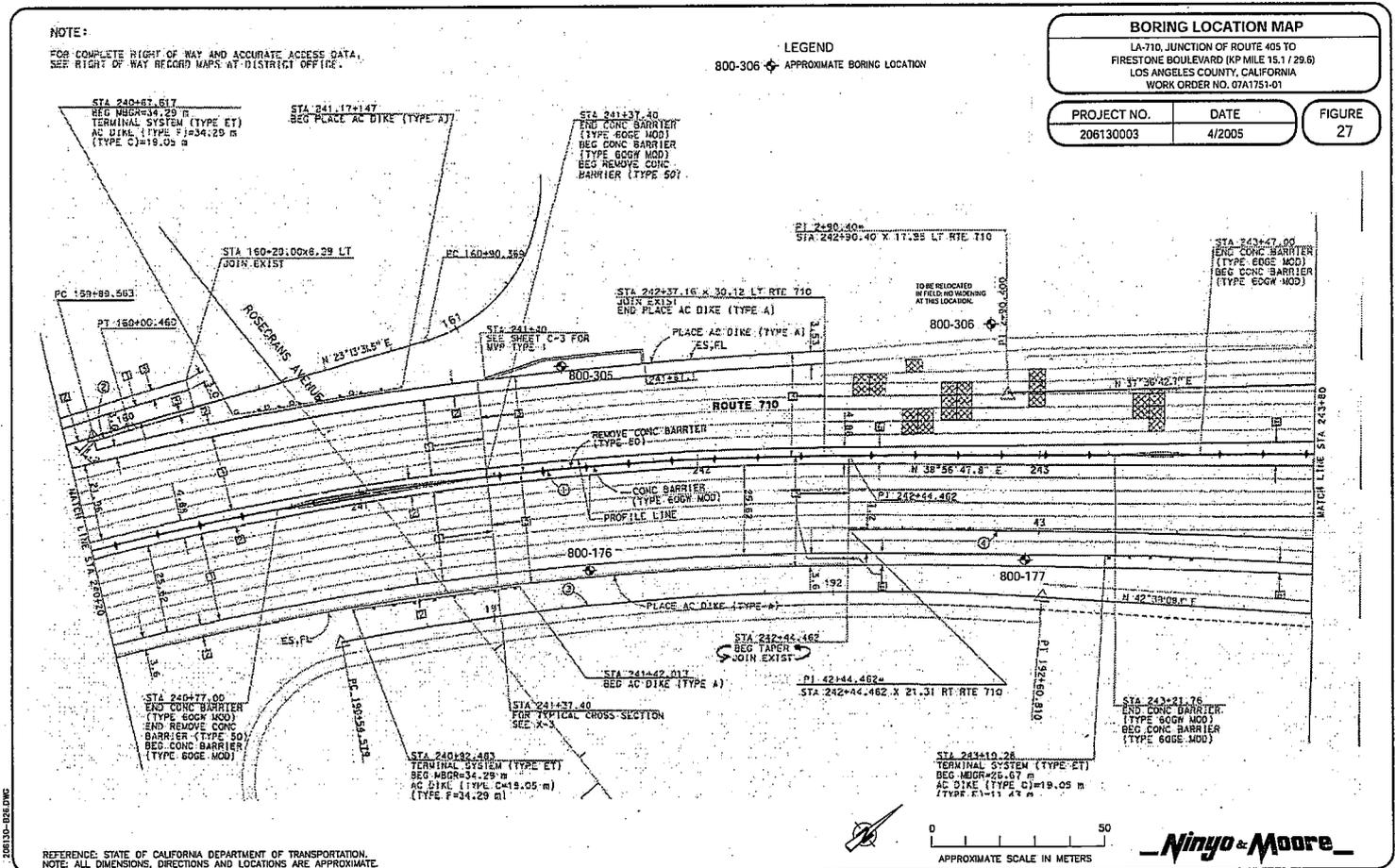
**LEGEND**

800-306  APPROXIMATE BORING LOCATION

**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO.	DATE	FIGURE
206130003	4/2005	27



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

**Ninyo & Moore**

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

CURVE DATA

NO	R	Δ	T	L
①	1066.802	29°03'30.9"	276.476	541.048
②	1000.000	2°51'56.1"	25.012	50.014
③	895.371	14°43'39.7"	135.714	230.152
④	1047.600	4°59'52.2"	45.719	91.381

BORING LOCATION MAP

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.8)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

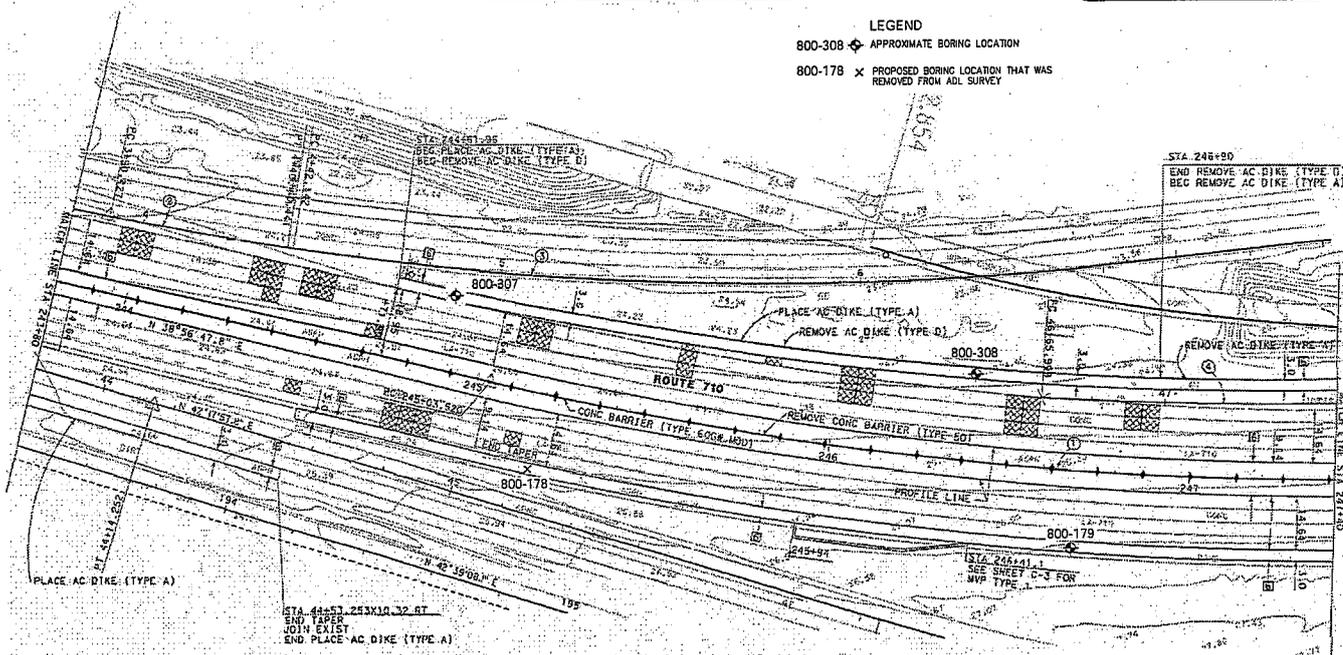
PROJECT NO.  
206130003

DATE  
4/2005

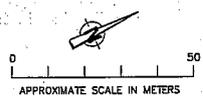
FIGURE  
28

LEGEND

- 800-308 ◆ APPROXIMATE BORING LOCATION
- 800-178 ✕ PROPOSED BORING LOCATION THAT WAS REMOVED FROM ADL SURVEY



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**Ninyo & Moore**

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

CURVE DATA

NO	R	Δ	T	L
①	487.681	14°36'50.3"	82.679	124.674
②	1066.8	29°02'33"	276.481	541.018

BORING LOCATION MAP

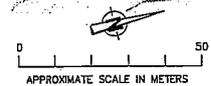
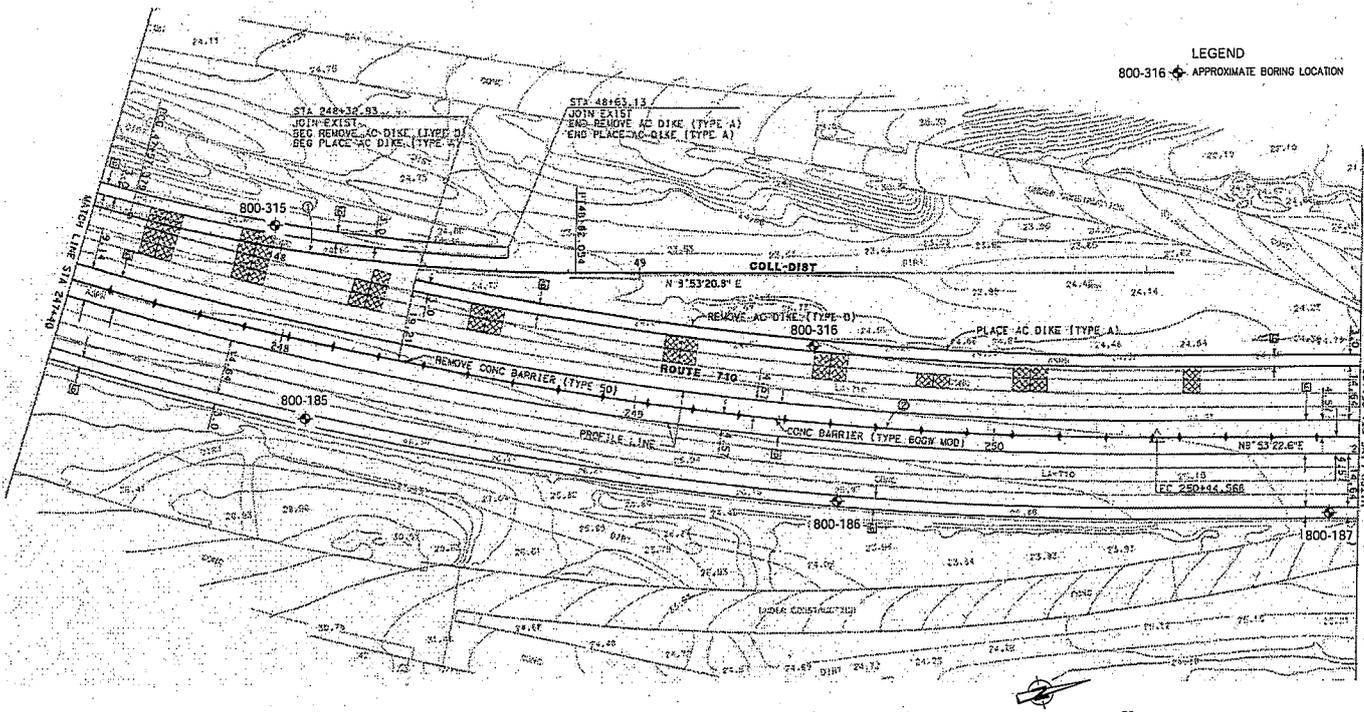
LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO.	DATE
206130003	4/2005

FIGURE  
29

LEGEND

800-316 ◊ APPROXIMATE BORING LOCATION



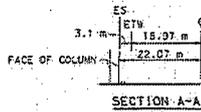
**Ninyo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

206130-02E-DWG

**NOTE:**

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



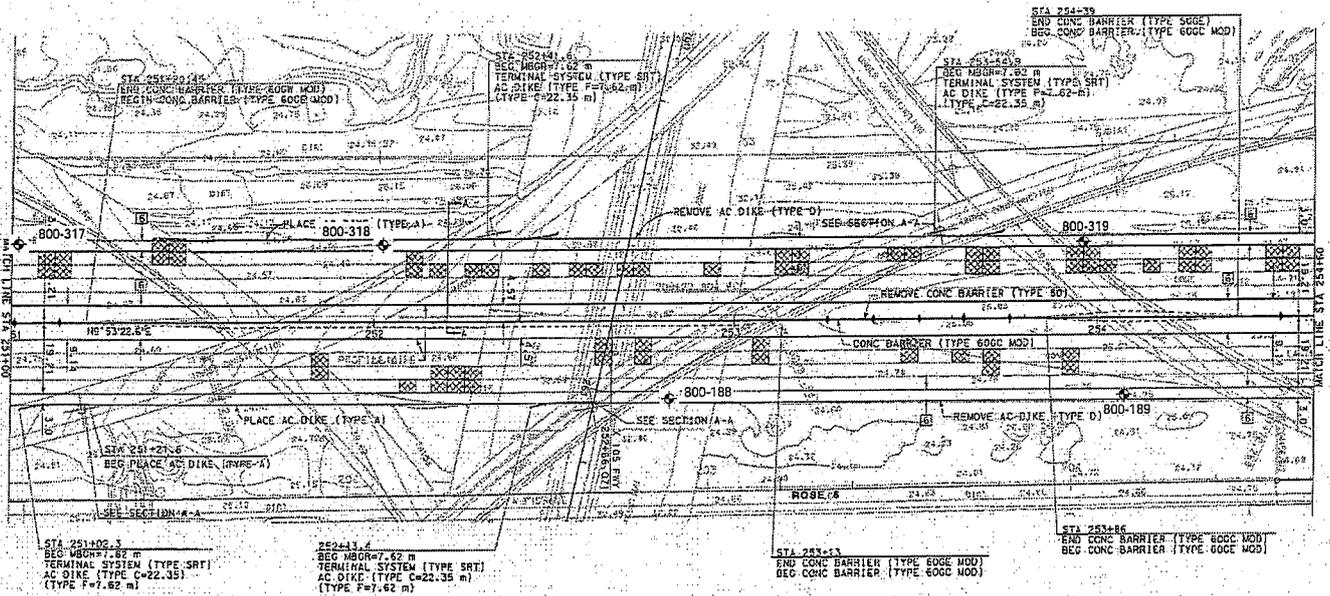
LEGEND  
800-319 APPROXIMATE BORING LOCATION

**BORING LOCATION MAP**

LA-710 JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO.	DATE
206130003	4/2005

FIGURE
30



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



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

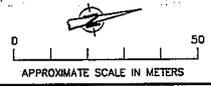
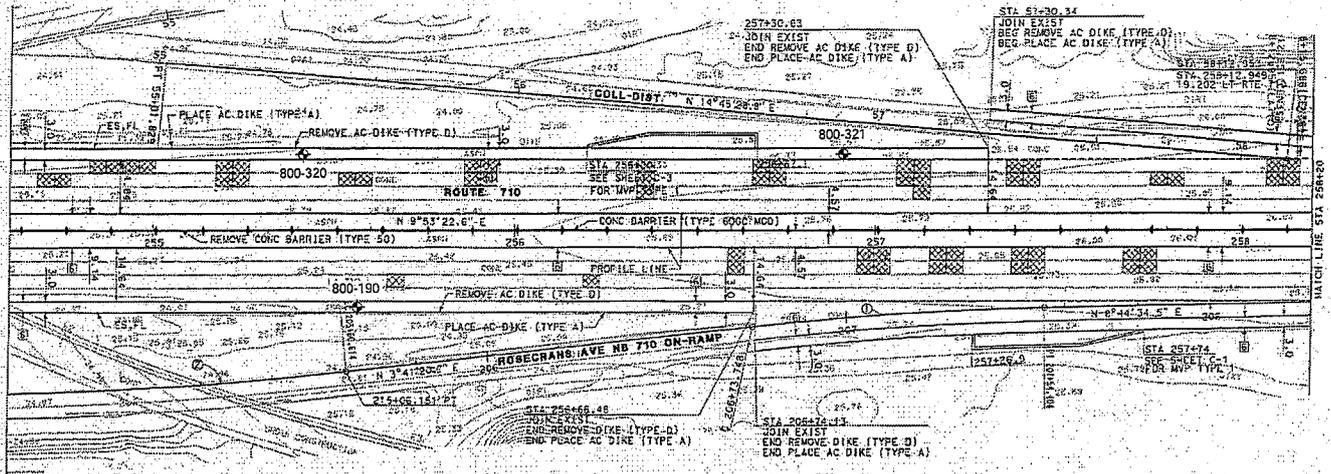
**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

LEGEND  
 800-321  APPROXIMATE BORING LOCATION

PROJECT NO.	DATE
206130003	4/2005

FIGURE  
 31



**Ninyo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

20613-3100-DWG

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

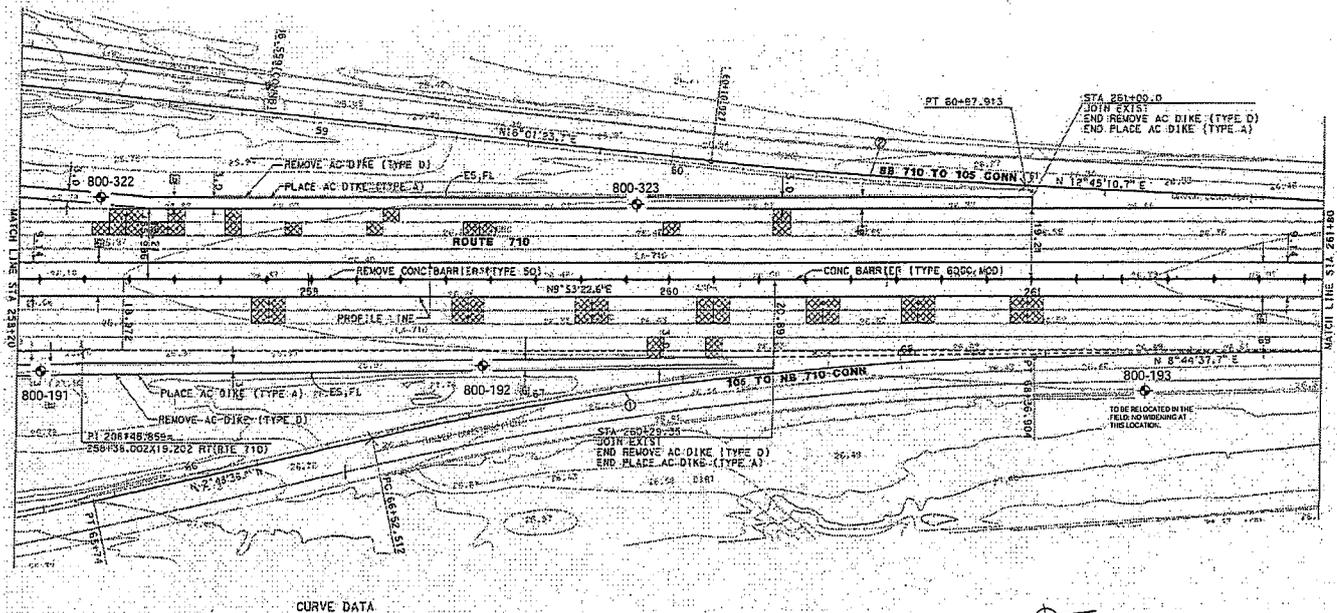
**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

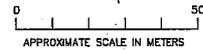
PROJECT NO.	DATE
206130003	4/2005

FIGURE
32

LEGEND  
800-323  $\diamond$  APPROXIMATE BORING LOCATION



CURVE DATA



**Ninyo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

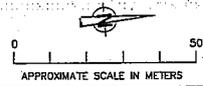
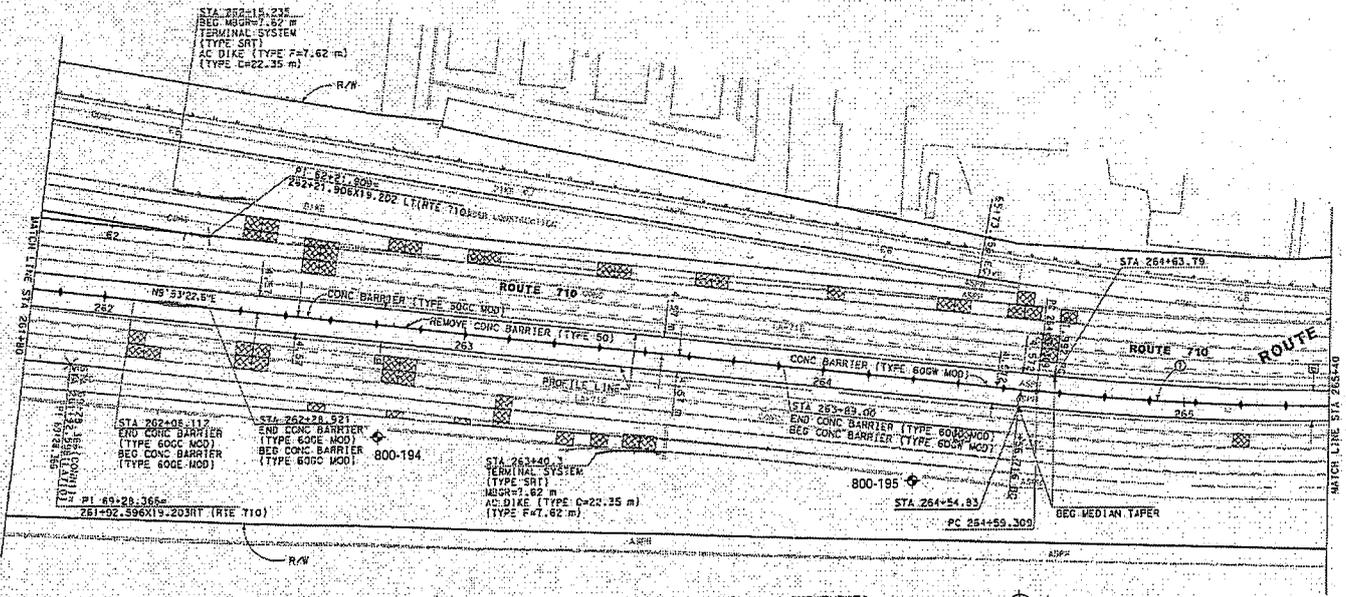
206130-01-D1-DWG

**NOTE:**

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

BORING LOCATION MAP		
LA-710, JUNCTION OF ROUTE 405 TO FIRESTONE BOULEVARD (RP MILE 15.7 / 29.6) LOS ANGELES COUNTY, CALIFORNIA WORK ORDER NO. 07A1751-01		
PROJECT NO.	DATE	FIGURE
206130003	4/2005	33

**LEGEND**  
800-195 ◆ APPROXIMATE BORING LOCATION



**Ninyo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

206130-802.DWG

**BORING LOCATION MAP**

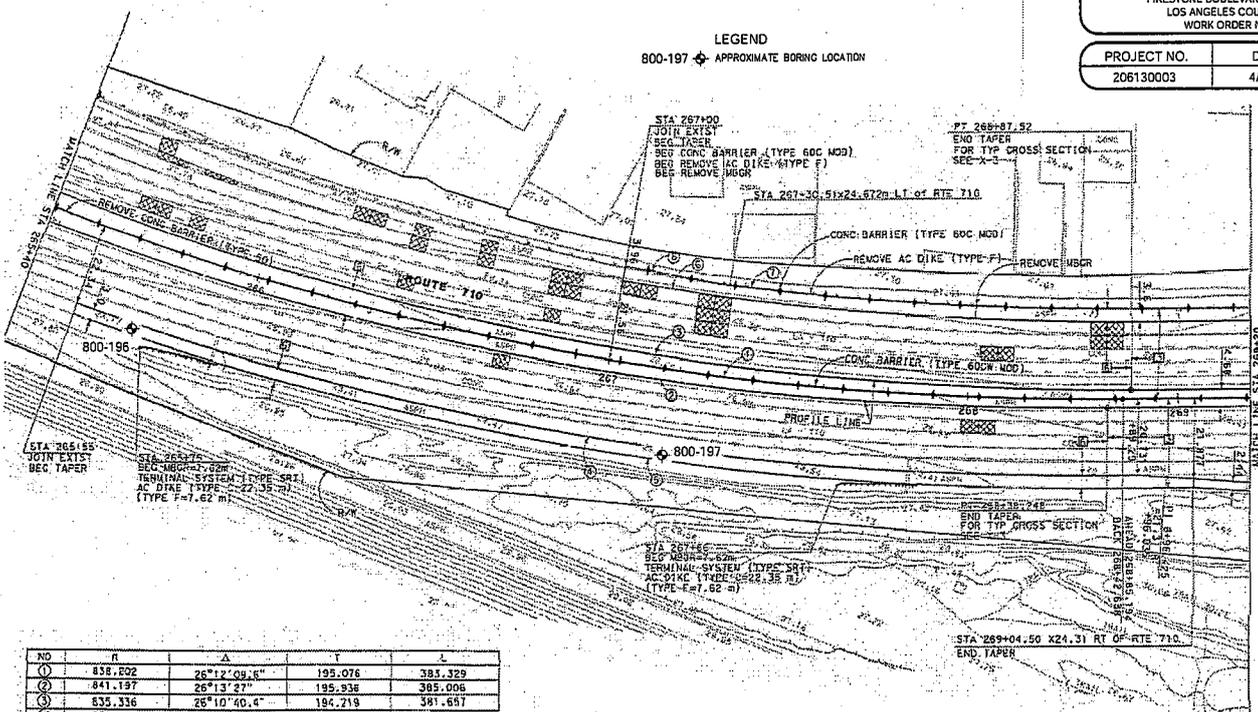
LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 28.8)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

PROJECT NO.  
 206130003

DATE  
 4/2005

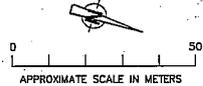
FIGURE  
 34

LEGEND  
 800-197 ◊ APPROXIMATE BORING LOCATION



NO	R	Δ	T	L
①	838.202	26°12'09.6"	195.076	381.329
②	841.197	26°13'27"	195.936	385.006
③	535.335	26°10'40.4"	194.219	381.657
④	859.48	19°22'26.5"	146.715	290.628
⑤	860.144	19°23'36.3"	148.997	293.933
⑥	817.026	10°1'30.8"	71.822	143.434
⑦	808.565	7°52'51.3"	70.695	111.217
⑧	693.124	2°26'50.4"	14.805	29.606

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



ALL DIMENSIONS ARE IN

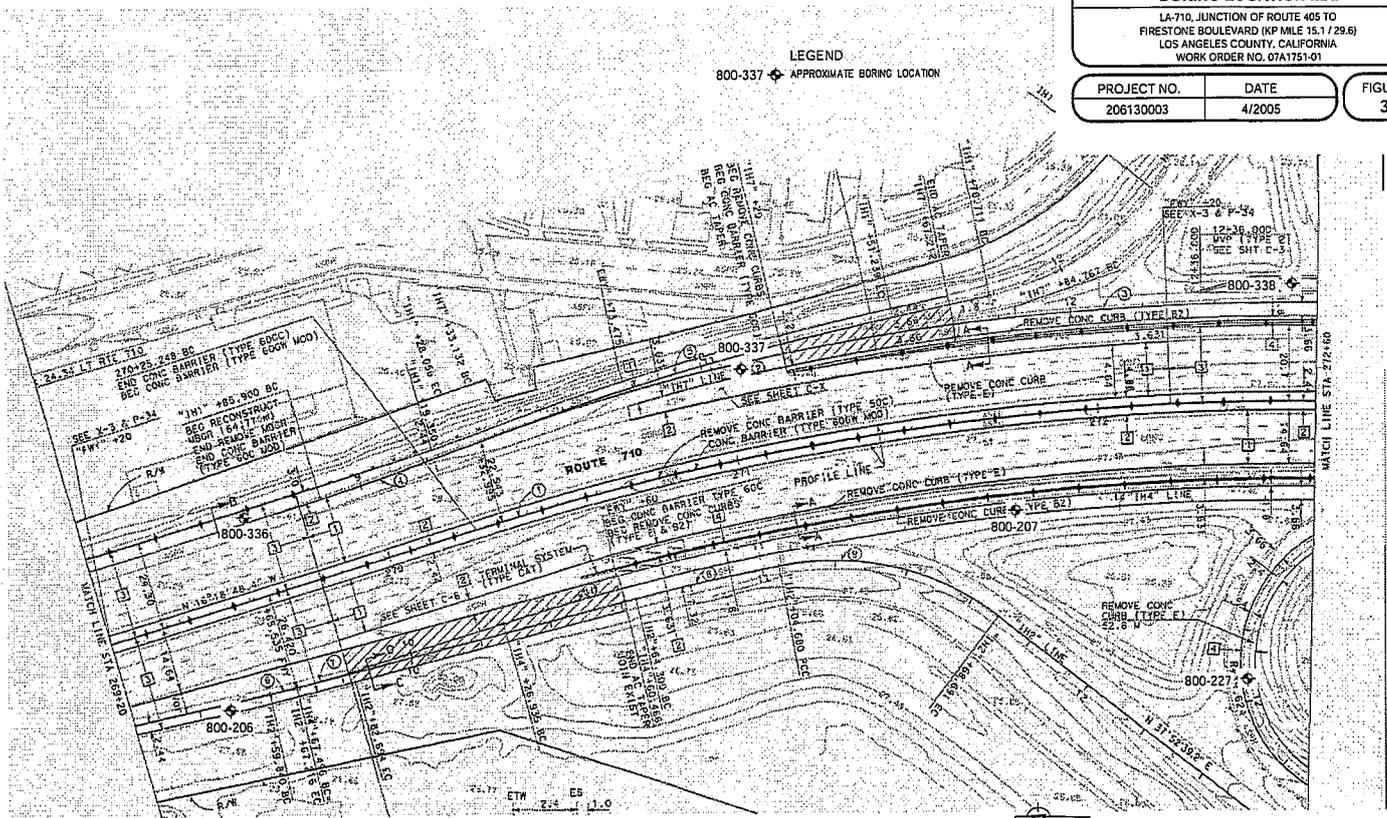
**Ninyo & Moore**

206130-031.DWG

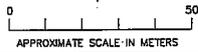
**BORING LOCATION MAP**  
 LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.7/29.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

PROJECT NO.	DATE	FIGURE
206130003	4/2005	35

LEGEND  
 800-337 ◆ APPROXIMATE BORING LOCATION



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**Ninyo & Moore**

206130003-B5-0100

**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

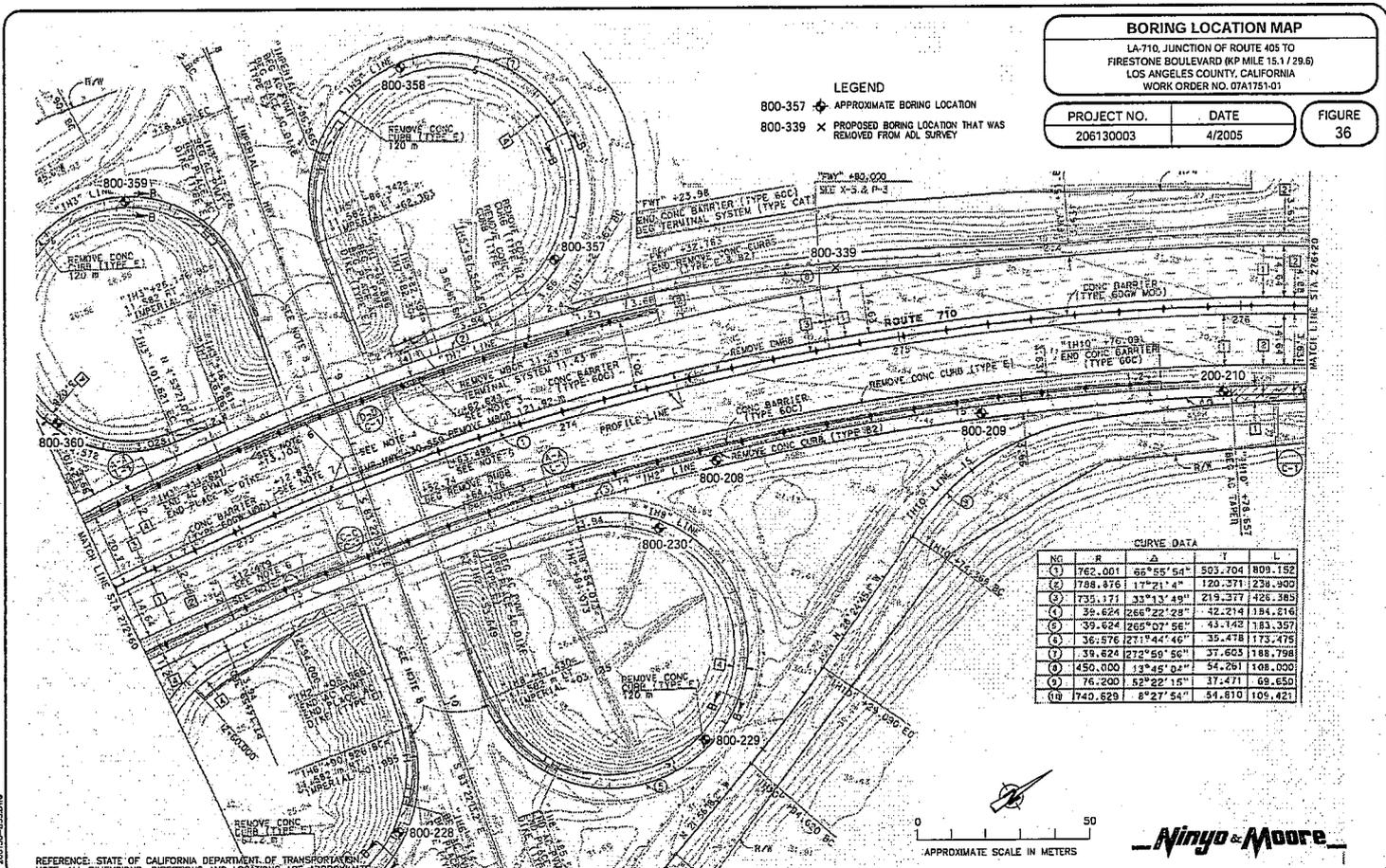
PROJECT NO.  
 206130003

DATE  
 4/2005

FIGURE  
 36

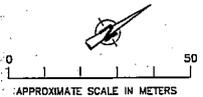
**LEGEND**

- 800-357 ◆ APPROXIMATE BORING LOCATION
- 800-339 × PROPOSED BORING LOCATION THAT WAS REMOVED FROM ADL SURVEY



CURVE DATA

NO	R	Δ	T	L
(1)	762.001	66°55'54"	503.704	809.192
(2)	788.876	17°21'4"	120.371	238.900
(3)	735.177	33°13'49"	219.371	425.385
(4)	39.624	265°22'28"	42.214	184.216
(5)	39.624	265°09'56"	43.142	183.357
(6)	36.576	271°44'46"	35.478	173.475
(7)	39.624	272°59'56"	37.663	188.798
(8)	450.000	19°48'04"	54.261	108.000
(9)	76.200	62°22'16"	37.471	69.650
(10)	740.628	8°27'54"	54.810	105.421



**Ningo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE

206130-315-010

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

LEGEND

- 800-213  $\oplus$  APPROXIMATE BORING LOCATION
- 800-343  $\times$  PROPOSED BORING LOCATION THAT WAS REMOVED FROM ADL SURVEY

CURVE DATA

NO	R	$\Delta$	T	L
(1)	762.001	66°55'44"	503.704	250.152
(2)	740.529	8°49'13"	63.663	127.015
(3)	740.011	8°24'58"	54.477	108.758
(4)	740.665	13°31'38"	74.756	149.007
(5)	746.245	6°37'28"	36.559	73.060
(6)	737.027	5°07'18"	7.212	14.423
(7)	737.129	10°33'38"	100.764	200.170
(8)	8167.383	7°17'48"	74.435	146.669

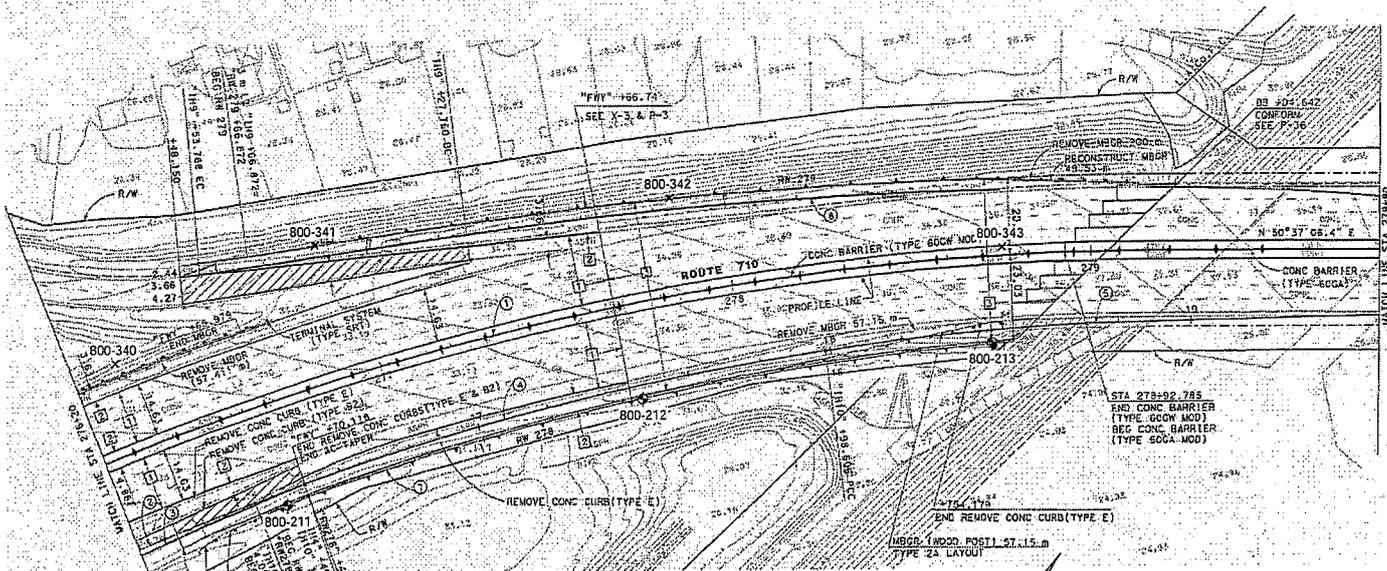
BORING LOCATION MAP

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO.  
206130003

DATE  
4/2005

FIGURE  
37



REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

0 50  
APPROXIMATE SCALE IN METERS

**Ninyo & Moore**

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

CURVE DATA

NO	R	C	T	L
(1)	762.265 m	44°14'15.9"	309.769 m	586.337 m

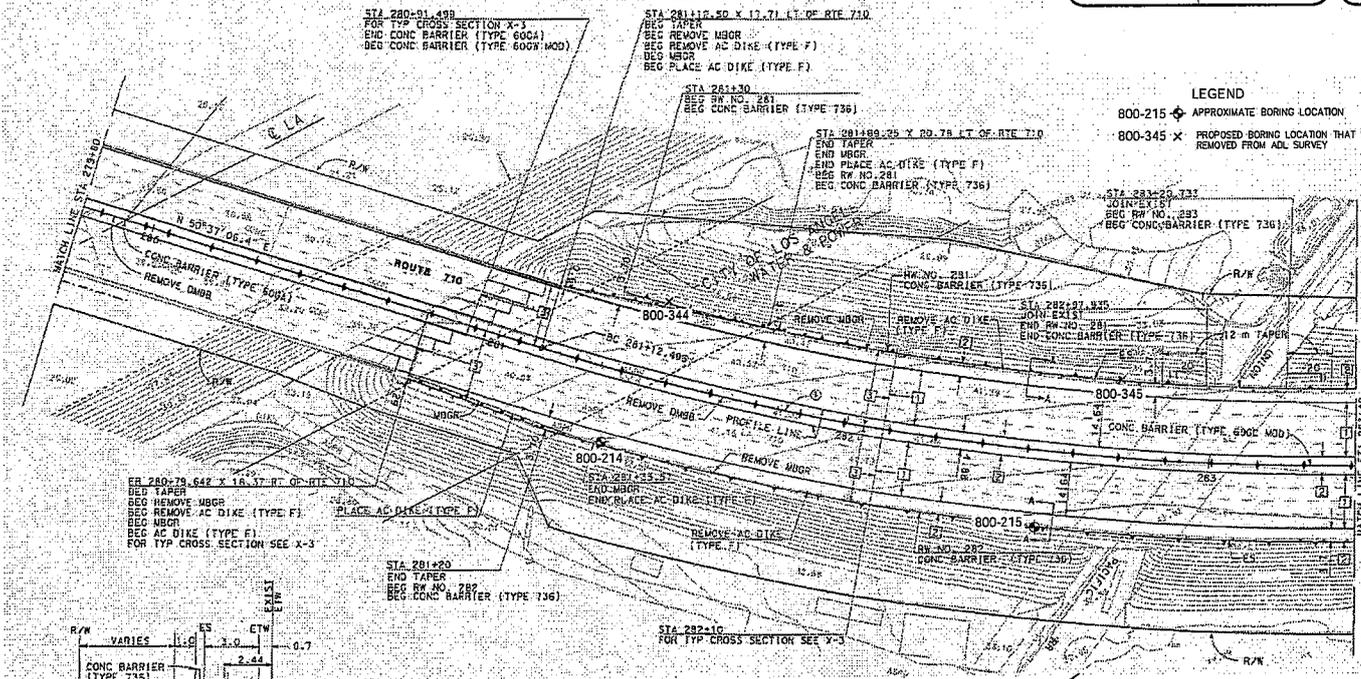
BORING LOCATION MAP

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO.  
206130003

DATE  
4/2005

FIGURE  
38



LEGEND

- 800-215 ◊ APPROXIMATE BORING LOCATION
- 800-345 × PROPOSED BORING LOCATION THAT WAS REMOVED FROM ADL SURVEY

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

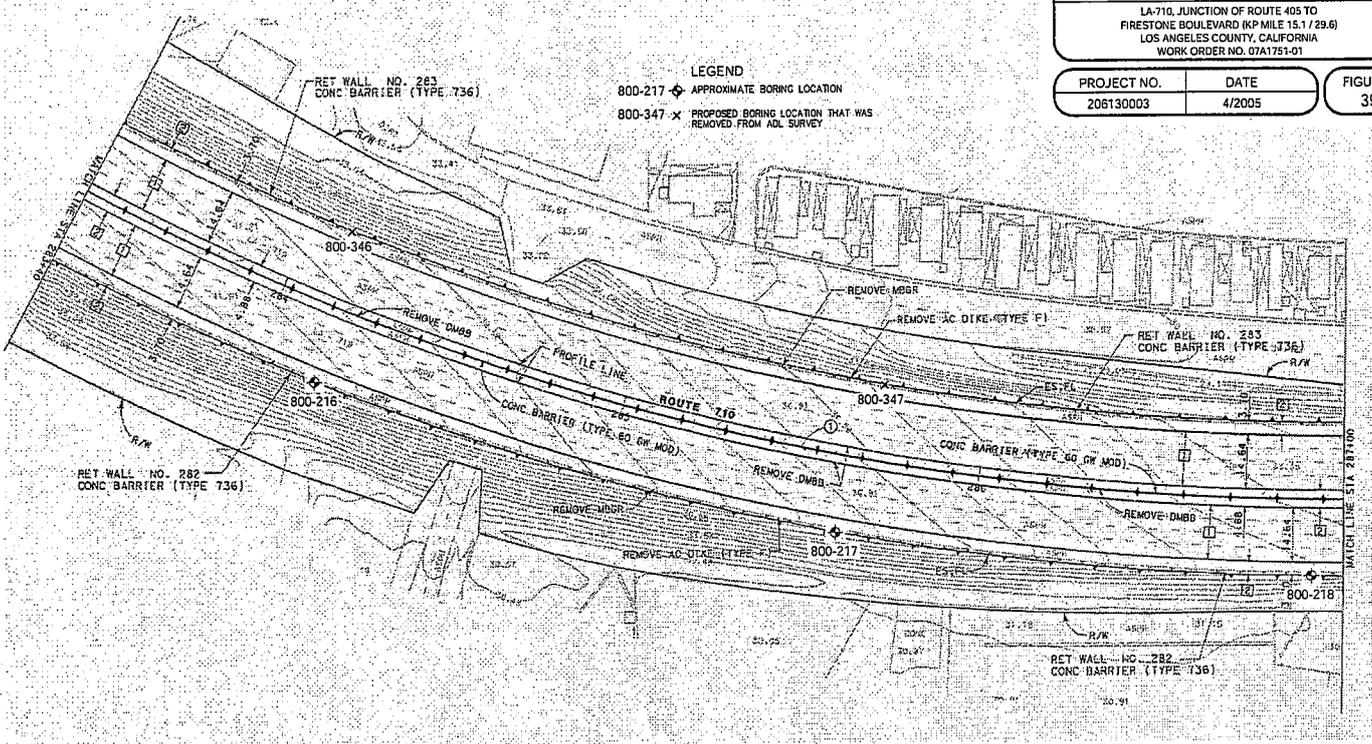
**Ninyo & Moore**

20613-812/DWG

**BORING LOCATION MAP**  
 LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

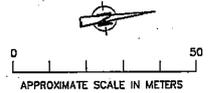
PROJECT NO.	DATE	FIGURE
206130003	4/2005	39

**LEGEND**  
 800-217 ◆ APPROXIMATE BORING LOCATION  
 800-347 ✕ PROPOSED BORING LOCATION THAT WAS  
 REMOVED FROM ADL SURVEY



205100-39-BORING

REFERENCE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.



**Ninyo & Moore**

**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
 FIRESTONE BOULEVARD (KP MILE 15.1 / 29.6)  
 LOS ANGELES COUNTY, CALIFORNIA  
 WORK ORDER NO. 07A1751-01

PROJECT NO.  
 206130003

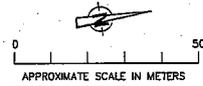
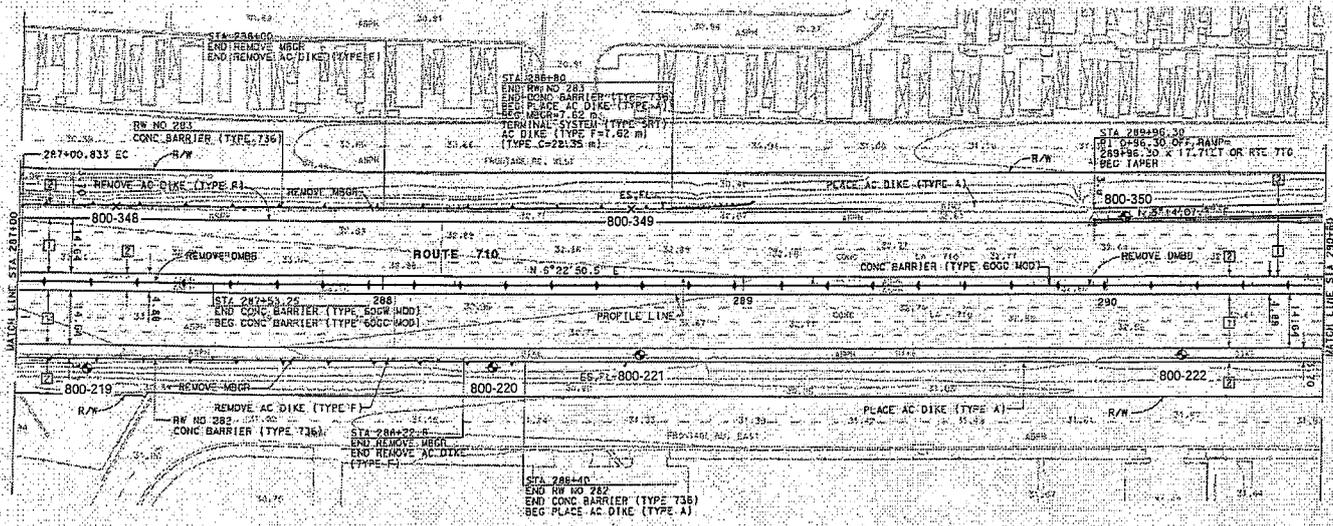
DATE  
 4/2005

FIGURE  
 40

**LEGEND**

800-350 ⊕ APPROXIMATE BORING LOCATION

800-348 × PROPOSED BORING LOCATION THAT WAS  
 REMOVED FROM ABL SURVEY



**Ninyo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
 NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

206130-010-DWG

**NOTE:**

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

**CURVE DATA**

NO.	R	Δ	T	L
①	979223.693 m	0°00'12.1"	28.708 m	57.417 m
②	996.403 m	2°51'52.0"	24.912 m	48.814 m
③	20396.045 m	0°10'45.8"	31.919 m	63.838 m

**LEGEND**

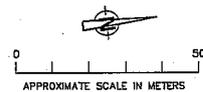
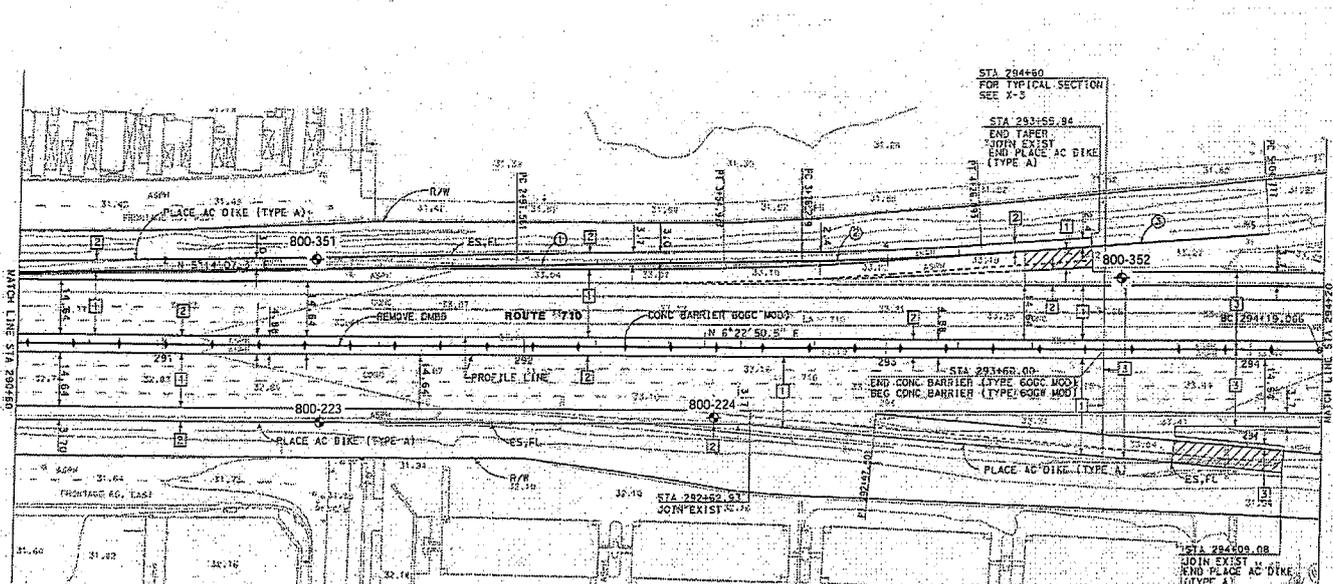
800-352 ◊ APPROXIMATE BORING LOCATION

**BORING LOCATION MAP**

LA-710, JUNCTION OF ROUTE 405 TO  
FIRESTONE BOULEVARD (RPMILE 15.1 / 28.6)  
LOS ANGELES COUNTY, CALIFORNIA  
WORK ORDER NO. 07A1751-01

PROJECT NO. 206130003  
DATE 4/2005

FIGURE 41



**Ninyo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

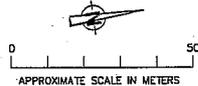
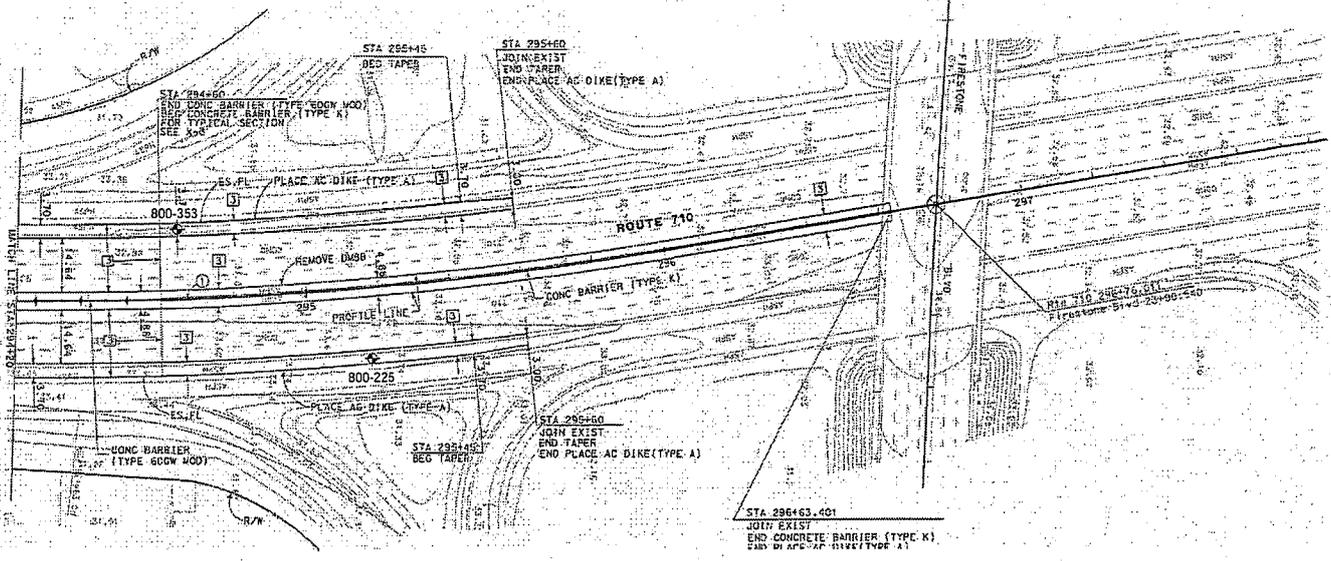
206130003-040.DWG

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

CURVE DATA				
HC	R	Δ	T	L
(0)	1066.802 m	5°41'32.8"	50.449 m	180.485 m

BORING LOCATION MAP		
LA-710, JUNCTION OF ROUTE 405 TO FIRESTONE BOULEVARD (KP MILE 15.1 / 28.6) LOS ANGELES COUNTY, CALIFORNIA WORK ORDER NO. 07A1751-01		
PROJECT NO.	DATE	FIGURE
206130003	4/2005	42

LEGEND  
800-353 ⊕ APPROXIMATE BORING LOCATION



**Ningo & Moore**

REFERENCE: STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION  
NOTE: ALL DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

206130-041.DWG

485

485

RECEIVED  
APR 17 2001  
BY:

AERIALY DEPOSITED LEAD  
SITE INVESTIGATION REPORT

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ROUTES 710 AND 110  
LOS ANGELES COUNTY, CALIFORNIA

(LA-710-KP 21.9/22.4)  
(LA-110-PM 24.57/25.04)

EA 0H1400

PREPARED FOR:

CALIFORNIA DEPARTMENT OF TRANSPORTATION  
DISTRICT 7  
LOS ANGELES, CALIFORNIA

PREPARED BY:

GEOCON CONSULTANTS, INC.  
PLEASANTON, CALIFORNIA

GEOCON PROJECT NO. A8066-06-06  
TO # 07-0H1400-KE

APRIL 2001



**GEOCON**

GEOTECHNICAL  
&  
ENVIRONMENTAL  
CONSULTANTS

485

TABLE 2  
SUMMARY OF ANALYTICAL RESULTS  
ROUTE 710

Total Lead, Soluble Lead, and pH

Sample ID	Depth (meters)	Total Lead (mg/kg)	Soluble Lead - WET (mg/l)	Soluble Lead - WET-DI (mg/l)	pH
710S-A1	Surface	526	39	0.21	---
	0.45	61	4.4	---	---
	0.9	65	4.4	---	8.35
	1.5	67	9.2	0.23	---
710S-A2	Surface	813	77	0.24	---
	0.45	15	---	---	---
	0.9	35	---	---	7.73
	1.5	289	34	< 0.15	---
710S-A3	Surface	589	48	< 0.15	---
	0.45	567	32	< 0.15	---
	0.9	120	9.1	< 0.15	---
	1.5	352	30	< 0.15	---
710S-A4	Surface	835	54	0.59	---
	0.45	30	---	---	---
	0.9	65	1.5	---	7.56
	1.5	59	2.7	---	---
710S-A5	Surface	940	84	0.55	---
	0.45	164	33	< 0.15	---
	0.9	40	---	---	8.35
	1.5	44	---	---	---

Notes:

WET = Waste Extraction Test

WET-DI = Waste Extraction Test Using Deionized Water

mg/kg = milligrams per kilogram

mg/l = milligrams per liter

< = Not Detected Above The Reporting Limit

--- = Analysis not performed