DRAFT
4A4003 MazeFire
May 1, 2007 Soil and Water Data

	Deck Sediment (mg/kg)		Stockpile (mg/kg)		Surface SOIL SAMPLES (mg/kg)									WATER SAMPLES (ug/l)			
Analyte	33-0611L SD E	33-0611L SD W	Comp A-D	Comp E-H	MB19 (GZ)	CB14	CB15	CB16	MB17	MB18	MB19 Pile	MB19 Bent	880 Charred Bent	SW-1	SW-2	SW-3	SW-4
Antimony	7.5	7.5	2.9	2.3	2.3									2.7			
Arsenic	2.9	2.6	11	11	11									4			
Barium	260	260	230	240	200									59			
Beryllium	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5									ND<0.5			
Cadmium	1.3	0.83	0.58	0.79	0.58									ND<0.25			
Chromium	**100**	77	66	82	58									6.6			
Cobalt	9.7	9.4	9.5	9.9	9.6									0.89			
Copper	120	100	59	52	48									9.6			
Lead	**7,500**	**6,100**	**210**	**320**	**260**	**180**	**130**	**150**	**160**	**100**	**140**	**150**	**210**	22			
Mercury	0.081	0.12	0.26	0.27	0.24									0.013			
Molybdenum	11	7.1	2.5	2.1	1.9									17			
Nickel	35	35	58	57	53									4.2			
Selenium	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5									0.66			
Silver	0.88	ND<0.5	ND<0.5	ND<0.5	ND<0.5									ND<0.19			
Thallium	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5									ND<0.5			
Vanadium	35	30	48	49	49									8			
Zinc	**3,100**	**3,300**	330	260	290									31			
TPH-g	2,200	2,500	ND<1	ND<1	2	ND<1	ND<1	ND<1	21	ND<1	ND<1	ND<1	2.9	ND < 50	14,000	220	ND < 50
MTBE	ND<5.0	ND<0.5	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND < 5	ND <10	ND < 5	ND < 5
Benzene	ND<5.0	ND<0.5	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.5	2.6	0.53	ND<0.5
Toluene	6.1	8.3	ND<0.005	ND<0.005	0.022	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	0.0075	0.041	ND<0.5	200	8.7	ND<0.5
Ethylbenzene	18	26	ND<0.005	ND<0.005	0.018	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	0.023	ND<0.5	230	5.1	ND<0.5
Xylenes	140	180	ND<0.005	ND<0.005	0.11	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	0.023	0.15	ND<0.5	1,300	31	0.88
TPH-d																	
TRPH	1,100	2,000	320	330	180	230	160	370	620	210	190	130	190	ND < 1.0*	5.7*	ND <1.0*	ND <1.0*
PAH			ND < 0.1	ND < 0.1	ND < 0.1									ND< 0.5			

* in mg/l

* Remove offsite * Remove to another location

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	Ala	80,580, 880	74.5	2	139

J. Scott Patterson 4-5-05
REGISTERED CIVIL ENGINEER

6-20-05
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER J.S. Patterson No. 32041 Exp. 12-31-06 CIVIL STATE OF CALIFORNIA

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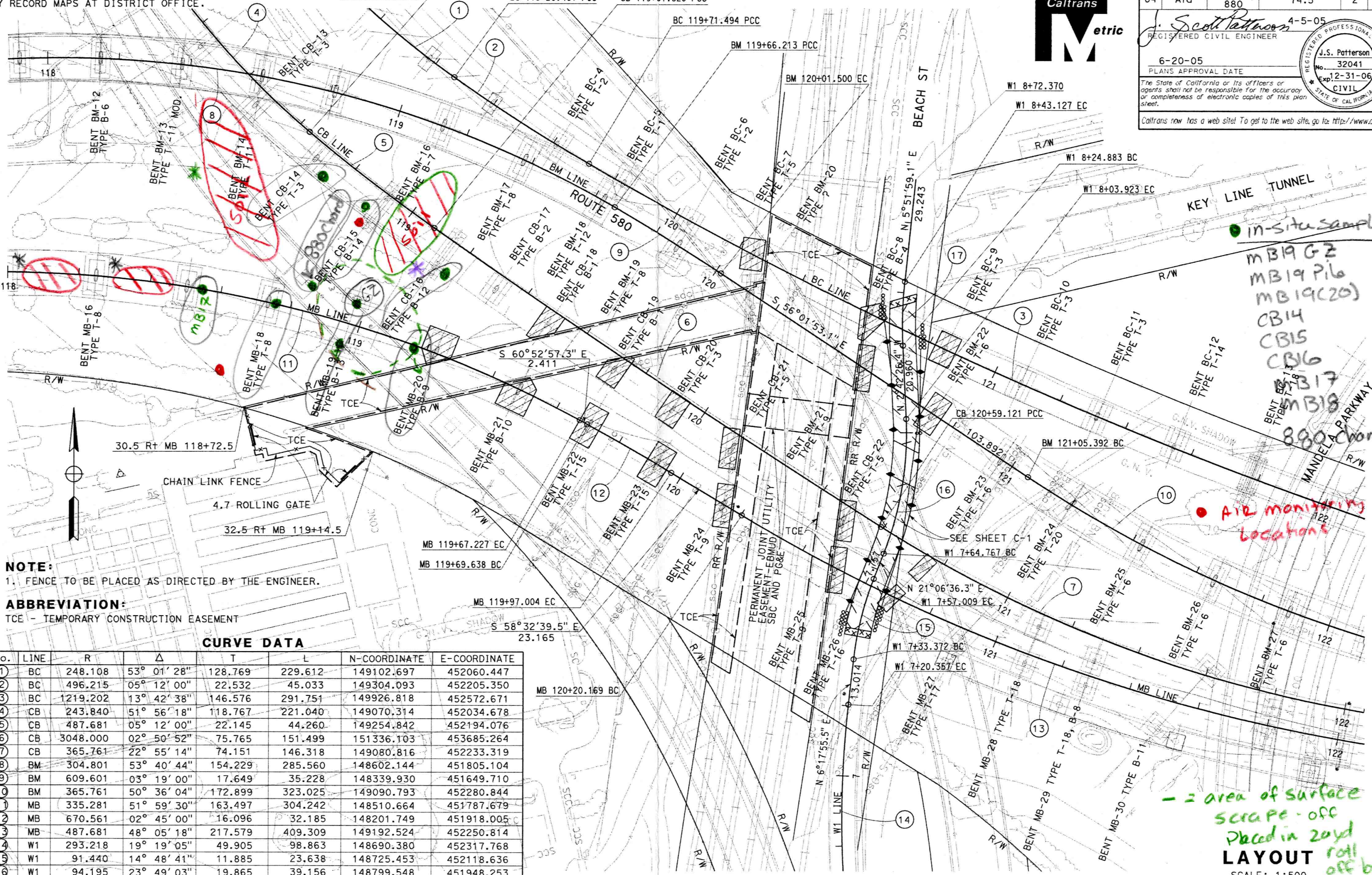
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov

Caltrans Metric

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



NOTE:

1. FENCE TO BE PLACED AS DIRECTED BY THE ENGINEER.

ABBREVIATION:

TCE - TEMPORARY CONSTRUCTION EASEMENT

CURVE DATA

No.	LINE	R	Δ	T	L	N-COORDINATE	E-COORDINATE
1	BC	248.108	53° 01' 28"	128.769	229.612	149102.697	452060.447
2	BC	496.215	05° 12' 00"	22.532	45.033	149304.093	452205.350
3	BC	1219.202	13° 42' 38"	146.576	291.751	149926.818	452572.671
4	CB	243.840	51° 56' 18"	118.767	221.040	149070.314	452034.678
5	CB	487.681	05° 12' 00"	22.145	44.260	149254.842	452194.076
6	CB	3048.000	02° 50' 52"	75.765	151.499	151336.103	453685.264
7	CB	365.761	22° 55' 14"	74.151	146.318	149080.816	452233.319
8	BM	304.801	53° 40' 44"	154.229	285.560	148602.144	451805.104
9	BM	609.601	03° 19' 00"	17.649	35.228	148339.930	451649.710
10	BM	365.761	50° 36' 04"	172.899	323.025	149090.793	452280.844
11	MB	335.281	51° 59' 30"	163.497	304.242	148510.664	451787.679
12	MB	670.561	02° 45' 00"	16.096	32.185	148201.749	451918.005
13	MB	487.681	48° 05' 18"	217.579	409.309	149192.524	452250.814
14	W1	293.218	19° 19' 05"	49.905	98.863	148690.380	452317.768
15	W1	91.440	14° 48' 41"	11.885	23.638	148725.453	452118.636
16	W1	94.195	23° 49' 03"	19.865	39.156	148799.548	451948.253
17	W1	121.920	8° 34' 26"	9.139	18.244	148830.693	452163.137

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

LAYOUT

SCALE: 1:500

L-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans PROJECT DEVELOPMENT

PROJECT ENGINEER: J. S. PATTERSON
CALCULATED/DESIGNED BY
CHECKED BY
DATE REVISED BY
DATE REVISED

LAST REVISION 05-24-05
DATE PLOTTED => 17-JUN-2005
TIME PLOTTED => 10:25

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trstrk
DGN FILE => 414355ea01.dgn

CU 04229

EA 143551

* Stockpile w/ melted 10 mil HDPE