01-NOV-09 GEORGIA DEPARTMENT OF TRANSPORTATION PROB. NO. 0001
15:48:05 PRECONSTUCTION DIVISION - OFFICE OF BRIDGE & STRUCTURAL DESIGN
THE ANALYSIS AND DESIGN OF PIERS FOR BRIDGES - V 4.2.07 - AASHTO SPECS 1984 INTERIM
REVISED: JUNE 30, 2008
38' CURB-CURB; 6 BEAMS; 140' SPAN; 60' DRILLED CAISSON; BRIDGE 26 ; PIE

DESIGN DATA

DESIGN OPTIONS	NO. CAN	NO. COL	NO. LLC	SKEW ANG D M S	F'C PSI	FC PSI	N	FY PSI	FS PSI	EC KSI	ES KSI	CONC. STRAIN	Z FACT	* MAIN SIZE	* STR SIZ	* MAX TOP	CAP REINFORCING STEEL MAX BOT	MIN SIZE	* MIN NO.	* TOP CL.	* MIN S.SP	CAP DEPTH INCR.	BOT CL.
D D D L	2	2	12	0-00-00	3500.	1400.	8.	60000.	24000.	3409.	29000.	0.0030	170.	11	5	15	15	11	2	2.00	4.00	3.00	2.00

COLUMN REINFORCING STEEL MIN.P	MAX.P	CL.SP.	CLEAR	R MODE	KL COEF	OC	OF	CM	BD1	BD2	IMPACT %	SOIL WT KCF	ALL.S.P. KSF	MIN PL SP	MAX PL SP	EDGE DIST	PILE DEPTH	REBAR CLEAR	ALL.PILE CAPACITY	ALL.PILE UPLIFT	I P
1.00	8.00	2.50	3.750	1	2.00	0.75	0.90	0.00	1.00	0.75	18.87	0.120	20.000	3.00	9.00	1.250	1.000	3.000	235.000	-9.999	

CAP DATA

CN	C	L	A	DE	BC	BE	DH	LH	XB1	XB2	XB3	XB4	XB5	XB6	XB7	XB8
11	L	10.500	2.500	4.000	5.500	5.500	2.000	8.000	6.880	4.380						
12	C	20.740	2.500	6.000	5.500		0.000	0.000	2.500	4.418	6.900	4.422				
13	3 SAME AS CANTILEVER 1															

COLUMN DATA

CN	P	I	T	S	HT	A	DT	BT	DB	BB	DL	FLEX	ND	NB	SZ	ND	NB	SZ	ND	NB	SZ	ND	NB	SZ	SLOPE	EP	AP
21	1	C	R		40.000	0.000	5.000	0.000	0.000	0.000	4.000	0.000	19	0	11	19	0	11	42	0	11	42	0	11	0.000	0.000	0.000
22	1	2 SAME AS COLUMN 1																									

FOOTING DATA

CN	S/P	B	D	T	DEL.B	DEL.D	DEL.T	R.B/D	R.D/B	S.HT.	NP	SYM.	BP	DP	SET.
31	S	2.000	2.000	3.000	0.500	0.500	0.250	1.000	1.000	2.500	4	3	0.000	0.000	0.000
32	2 SAME AS FOOTING 1														

GROUP II WIND

SUPERSTRUCTURE AREA* TRANS.	STD. LONG.	WIND FT1	FL1	FT2	FL2	FT3	FL3	FT4	FL4	FT5	FL5	* WIND FORCE ARM APT	APL	* WIND ON PIER PT	PL
1365.	2730.	1	50	0	44	6	41	12	33	16	17	19	7.375	7.375	1.287	22.618

GROUP III WIND

STD. * WIND FT1	FL1	FT2	FL2	FT3	FL3	FT4	FL4	FT5	FL5	* STD. * WIND FT1	FL1	FT2	FL2	FT3	FL3	FT4	FL4	FT5	FL5	* LENGTHS OF LL TRANS.	LONGI.	* WIND ON LL ARMS APT	APL
1	50	0	44	6	41	12	33	16	17	19	1	100	0	88	12	82	24	66	32	34	38	140.0	280.0	15.583	15.583

MISCELLANEOUS FORCES

CENTRI. FT	TRACTION FORCE FL	AND ARMS APT	APL	EXPANSION COEFFICIENT	SHRINKAGE COEFFICIENT	STREAM FLOW PT	PL
0.000	9.860	15.583	15.583	0.00018000	0.00044000	0.000	0.000

DEAD LOAD SUPERSTRUCTURE AND LIVE LOAD CASES

I.D.	NL	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
D.L.	0	260.917	0.000	293.496	0.000	293.496	293.496	0.000	293.496	0.000	260.917		
LL 1	1	77.568	0.000	59.843	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
LL 2	2	77.568	0.000	97.632	0.000	77.667	21.956	0.000	0.000	0.000	0.000		
LL 3	3	77.568	0.000	97.632	0.000	84.588	99.623	0.000	52.823	0.000	0.000		
LL 4	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	59.843	0.000	77.568		
LL 5	2	0.000	0.000	0.000	0.000	21.956	77.667	0.000	97.632	0.000	77.568		
LL 6	3	0.000	0.000	52.823	0.000	99.623	84.588	0.000	97.632	0.000	77.568		
LL 7	1	0.000	0.000	29.872	0.000	77.667	29.872	0.000	0.000	0.000	0.000		
LL 8	2	61.735	0.000	105.548	0.000	77.667	29.872	0.000	0.000	0.000	0.000		
LL 9	3	61.735	0.000	105.548	0.000	77.667	105.548	0.000	61.735	0.000	0.000		
LL10	2	0.000	0.000	45.306	0.000	92.105	92.105	0.000	45.306	0.000	0.000		
LL11	2	77.568	0.000	59.843	0.000	0.000	0.000	0.000	59.843	0.000	77.568		
LL12	3	77.568	0.000	97.632	0.000	77.667	21.956	0.000	59.843	0.000	77.568		

COLUMN MOMENTS(KIP-FEET), SHEARS(KIPS), REACTIONS(KIPS)

LOAD	COL	TRANSVERSE PC	MT	V	MB	RF	ML	* MR	LONGITUDINAL MT	V	MB	MF
UNIT F.AT CL.CAP	1	0.939	9.739	0.500	10.261	0.939	0.000	-9.739	2.000	0.500	20.000	20.000
	2	-0.939	9.739	0.500	10.261	-0.939	-9.739	0.000	2.000	0.500	20.000	20.000
EXPANSION OF CAP	1	0.000	79.781	4.310	92.600	0.000	0.000	-79.781	0.000	0.000	0.000	0.000
	2	0.000	-79.781	-4.310	-92.600	0.000	79.781	0.000	0.000	0.000	0.000	0.000
SHRINKAGE OF CAP	1	0.000	-195.021	-10.534	-226.357	0.000	0.000	195.021	0.000	0.000	0.000	0.000
	2	0.000	195.021	10.534	226.357	0.000	-195.021	0.000	0.000	0.000	0.000	0.000
DEAD LOAD TOTAL	1	944.673	-118.071	-4.428	-59.043	1050.701	2016.278	-1898.207	0.000	0.000	0.000	0.000
		1050.701										

	2	944.558	118.081	4.428	59.033	1050.587	1898.197	-2016.278	0.000	0.000	0.000	0.000
		1050.587										
TRAC. FORCE 1 LN	1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-96.544	-4.930	-274.024	-274.024
	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-96.544	-4.930	-274.024	-274.024
WIND ON SUBSTR.	1	1.209	12.534	0.643	13.206	1.209	0.000	-12.534	-45.236	-11.309	-452.360	-452.360
	2	-1.209	12.534	0.643	13.206	-1.209	-12.534	0.000	-45.236	-11.309	-452.360	-452.360
GROUP 2 WIND 1 1	1	89.576	677.234	34.769	713.506	89.576	0.000	-677.234	-45.236	-11.309	-452.360	-452.360
	2	-89.576	677.234	34.769	713.506	-89.576	-677.234	0.000	-45.236	-11.309	-452.360	-452.360
GROUP 2 WIND 1 2	1	89.576	677.234	34.769	713.506	89.576	0.000	-677.234	45.236	11.309	452.360	452.360
	2	-89.576	677.234	34.769	713.506	-89.576	-677.234	0.000	45.236	11.309	452.360	452.360
GROUP 2 WIND 2 1	1	78.972	597.470	30.674	629.470	78.972	0.000	-597.470	-138.397	-19.499	-840.361	-840.361
	2	-78.972	597.470	30.674	629.470	-78.972	-597.470	0.000	-138.397	-19.499	-840.361	-840.361
GROUP 2 WIND 2 2	1	78.972	597.470	30.674	629.470	78.972	0.000	-597.470	138.397	19.499	840.361	840.361
	2	-78.972	597.470	30.674	629.470	-78.972	-597.470	0.000	138.397	19.499	840.361	840.361
GROUP 2 WIND 3 1	1	73.670	557.588	28.626	587.452	73.670	0.000	-557.588	-231.559	-27.689	-1228.363	-1228.363
	2	-73.670	557.588	28.626	587.452	-73.670	-557.588	0.000	-231.559	-27.689	-1228.363	-1228.363
GROUP 2 WIND 3 2	1	73.670	557.588	28.626	587.452	73.670	0.000	-557.588	231.559	27.689	1228.363	1228.363
	2	-73.670	557.588	28.626	587.452	-73.670	-557.588	0.000	231.559	27.689	1228.363	1228.363
GROUP 2 WIND 4 1	1	59.531	451.236	23.166	475.404	59.531	0.000	-451.236	-293.666	-33.149	-1487.030	-1487.030
	2	-59.531	451.236	23.166	475.404	-59.531	-451.236	0.000	-293.666	-33.149	-1487.030	-1487.030
GROUP 2 WIND 4 2	1	59.531	451.236	23.166	475.404	59.531	0.000	-451.236	293.666	33.149	1487.030	1487.030
	2	-59.531	451.236	23.166	475.404	-59.531	-451.236	0.000	293.666	33.149	1487.030	1487.030
GROUP 2 WIND 5 1	1	31.254	238.532	12.246	251.308	31.254	0.000	-238.532	-340.247	-37.244	-1681.031	-1681.031
	2	-31.254	238.532	12.246	251.308	-31.254	-238.532	0.000	-340.247	-37.244	-1681.031	-1681.031
GROUP 2 WIND 5 2	1	31.254	238.532	12.246	251.308	31.254	0.000	-238.532	340.247	37.244	1681.031	1681.031
	2	-31.254	238.532	12.246	251.308	-31.254	-238.532	0.000	340.247	37.244	1681.031	1681.031
GROUP 3 WIND 1 1	1	50.540	339.519	17.431	357.703	50.540	0.000	-339.519	-13.571	-3.393	-135.708	-135.708
	2	-50.540	339.519	17.431	357.703	-50.540	-339.519	0.000	-13.571	-3.393	-135.708	-135.708

COLUMN MOMENTS(KIP-FEET), SHEARS(KIPS), REACTIONS(KIPS)

		TRANSVERSE							*	LONGITUDINAL		
LOAD	COL	PC	MT	V	MB	RF	ML	MR	MT	V	MB	MF
GROUP 3 WIND 1 2	1	50.540	339.519	17.431	357.703	50.540	0.000	-339.519	13.571	3.393	135.708	135.708
	2	-50.540	339.519	17.431	357.703	-50.540	-339.519	0.000	13.571	3.393	135.708	135.708
GROUP 3 WIND 2 1	1	44.519	299.228	15.362	315.254	44.519	0.000	-299.228	-74.419	-7.530	-345.488	-345.488
	2	-44.519	299.228	15.362	315.254	-44.519	-299.228	0.000	-74.419	-7.530	-345.488	-345.488
GROUP 3 WIND 2 2	1	44.519	299.228	15.362	315.254	44.519	0.000	-299.228	74.419	7.530	345.488	345.488
	2	-44.519	299.228	15.362	315.254	-44.519	-299.228	0.000	74.419	7.530	345.488	345.488
GROUP 3 WIND 3 1	1	41.508	279.082	14.328	294.030	41.508	0.000	-279.082	-135.266	-11.667	-555.268	-555.268
	2	-41.508	279.082	14.328	294.030	-41.508	-279.082	0.000	-135.266	-11.667	-555.268	-555.268
GROUP 3 WIND 3 2	1	41.508	279.082	14.328	294.030	41.508	0.000	-279.082	135.266	11.667	555.268	555.268
	2	-41.508	279.082	14.328	294.030	-41.508	-279.082	0.000	135.266	11.667	555.268	555.268
GROUP 3 WIND 4 1	1	33.480	225.361	11.570	237.431	33.480	0.000	-225.361	-175.832	-14.425	-695.121	-695.121
	2	-33.480	225.361	11.570	237.431	-33.480	-225.361	0.000	-175.832	-14.425	-695.121	-695.121
GROUP 3 WIND 4 2	1	33.480	225.361	11.570	237.431	33.480	0.000	-225.361	175.832	14.425	695.121	695.121
	2	-33.480	225.361	11.570	237.431	-33.480	-225.361	0.000	175.832	14.425	695.121	695.121
GROUP 3 WIND 5 1	1	17.423	117.918	6.054	124.234	17.423	0.000	-117.918	-206.256	-16.493	-800.011	-800.011
	2	-17.423	117.918	6.054	124.234	-17.423	-117.918	0.000	-206.256	-16.493	-800.011	-800.011
GROUP 3 WIND 5 2	1	17.423	117.918	6.054	124.234	17.423	0.000	-117.918	206.256	16.493	800.011	800.011
	2	-17.423	117.918	6.054	124.234	-17.423	-117.918	0.000	206.256	16.493	800.011	800.011
LIVE LOAD LL 1	1	162.471	-71.855	-2.434	-25.488	162.471	533.668	-461.813	0.000	0.000	0.000	0.000
	2	-25.060	57.936	2.434	39.407	-25.060	-57.936	0.000	0.000	0.000	0.000	0.000
LIVE LOAD LL 2	1	259.456	-14.883	-0.339	1.325	259.456	533.668	-518.785	0.000	0.000	0.000	0.000
	2	15.367	3.195	0.339	10.364	15.367	-3.195	0.000	0.000	0.000	0.000	0.000
LIVE LOAD LL 3	1	260.868	28.025	1.296	23.811	260.868	480.301	-508.326	0.000	0.000	0.000	0.000
	2	110.142	-41.090	-1.296	-10.746	110.142	41.090	0.000	0.000	0.000	0.000	0.000
LIVE LOAD LL 4	1	-25.060	-57.936	-2.434	-39.407	-25.060	0.000	57.936	0.000	0.000	0.000	0.000
	2	162.471	71.855	2.434	25.488	162.471	461.813	-533.668	0.000	0.000	0.000	0.000
LIVE LOAD LL 5	1	15.386	-3.184	-0.339	-10.361	15.386	0.000	3.184	0.000	0.000	0.000	0.000
	2	259.437	14.876	0.339	-1.331	259.437	518.792	-533.668	0.000	0.000	0.000	0.000
LIVE LOAD LL 6	1	110.175	41.091	1.296	10.742	110.175	0.000	-41.091	0.000	0.000	0.000	0.000
	2	260.836	-28.019	-1.296	-23.813	260.836	508.320	-480.301	0.000	0.000	0.000	0.000
LIVE LOAD LL 7	1	91.695	61.253	2.261	29.191	91.695	0.000	-61.253	0.000	0.000	0.000	0.000
	2	45.716	-59.338	-2.261	-31.105	45.716	59.338	0.000	0.000	0.000	0.000	0.000
LIVE LOAD LL 8	1	249.051	4.065	0.324	8.905	249.051	424.737	-428.802	0.000	0.000	0.000	0.000
	2	25.771	-13.228	-0.324	0.259	25.771	13.228	0.000	0.000	0.000	0.000	0.000
LIVE LOAD LL 9	1	246.745	40.492	1.724	28.474	246.745	382.263	-422.755	0.000	0.000	0.000	0.000
	2	124.264	-51.463	-1.724	-17.503	124.264	51.463	0.000	0.000	0.000	0.000	0.000

COLUMN MOMENTS(KIP-FEET), SHEARS(KIPS), REACTIONS(KIPS)

		TRANSVERSE							*	LONGITUDINAL		
LOAD	COL	PC	MT	V	MB	RF	ML	MR	MT	V	MB	MF

LIVE LOAD LL10	1	137.429	103.292	3.873	51.644	137.429	0.000	-103.292	0.000	0.000	0.000	0.000
	2	137.393	-103.289	-3.873	-51.647	137.393	103.289	0.000	0.000	0.000	0.000	0.000
LIVE LOAD LL11	1	137.411	-129.791	-4.867	-64.895	137.411	533.668	-403.877	0.000	0.000	0.000	0.000
	2	137.411	129.791	4.867	64.895	137.411	403.877	-533.668	0.000	0.000	0.000	0.000
LIVE LOAD LL12	1	210.956	-65.537	-2.495	-34.274	210.956	480.301	-414.764	0.000	0.000	0.000	0.000
	2	160.054	67.545	2.495	32.267	160.054	412.756	-480.301	0.000	0.000	0.000	0.000

CAP ANALYSIS AND DESIGN DATA

CAP MOMENTS AND SHEARS

	MOMENTS(KIP-FEET)							** SHEARS(KIPS)					
POINT	D.L.TOT.	G1 MAX.+	G1 MAX.-	G2 MAX.+	G2 MAX.-	G3 MAX.+	G3 MAX.-	DL T.LT	DL T.RT	G1 + LT	G1 + RT	G1 - LT	G1 - RT
P 1	-30.229	-30.229	-30.229	-30.229	-30.229	-30.229	-30.229	-17.287	-356.479	-17.287	-356.479	-17.287	-524.879
P 2	-1645.821	-1645.821	-2383.414	-1645.821	-1645.821	-1645.821	-2087.493	-382.092	-382.092	-382.092	-382.092	-550.492	-550.492
C 1L	-2621.161	-2621.161	-3779.754	-2621.161	-2621.161	-2621.161	-3314.929	-398.180		-398.180		-566.580	
C 1R	-2467.669	-2341.890	-3593.951	-1587.265	-3348.073	-1950.978	-3583.463		448.350		672.372		393.944
P 4	-1366.903	-1091.153	-2243.721	-698.747	-2035.059	-866.816	-2226.912	432.262	432.262	656.284	656.284	377.857	377.857
P 5	480.031	1639.375	-396.787	773.102	186.959	1321.175	-191.936	403.833	22.288	627.854	81.033	349.427	-36.387
P 6	480.631	1640.245	-396.186	773.364	187.899	1321.767	-191.165	-22.114	-403.658	36.632	-349.253	-80.789	-627.610
P 7	-1367.262	-1091.700	-2244.080	-699.106	-2035.418	-867.287	-2227.271	-432.114	-432.114	-377.708	-377.708	-656.066	-656.066
C 2L	-2467.656	-2341.877	-3593.953	-1587.252	-3348.059	-1950.965	-3583.459	-448.202		-393.796		-672.153	
C 2R	-2621.161	-2621.161	-3779.754	-2621.161	-2621.161	-2621.161	-3314.929		398.180		566.580		398.180
P 9	-1645.821	-1645.821	-2383.414	-1645.821	-1645.821	-1645.821	-2087.493	382.092	382.092	550.492	550.492	382.092	382.092
P10	-30.229	-30.229	-30.229	-30.229	-30.229	-30.229	-30.229	356.479	17.287	524.879	17.287	356.479	17.287

CAP DESIGN DATA

PT.	M+ UNF. K-FT.	M- UNF. K-FT.	TOP REINFORCE. AS	NO.SIZE	BOT.REINFORCE. AS	NO.SIZE	LEFT STIRRUPS M.SP.	AV/IN	BAR&SPAC	RIGHT STIRRUPS M.SP.	AV/IN	BAR&SPAC	D IN.	FC PSI	PS %	FS/FF RATIO	FS/FZ RATIO
P 1	-23.253	-23.253	3.12	2 # 11	3.12	2 # 11	0.00	0.000	#5@ 0.00	24.00	0.055	#5@11.24	58.86		0.09	0.000	0.089
P 2	-1266.016	-1605.764	8.34	6 # 11	3.12	2 # 11	24.00	0.055	#5@11.27	24.00	0.055	#5@11.27	72.00		0.18	0.445	1.165
C 1	-1840.271	-2549.945	12.58	9 # 11	3.12	2 # 11	24.00	0.055	#5@11.27	24.00	0.062	#5@10.03	72.00		0.30	0.620	1.090
P 4	-924.449	-1455.341	8.34	6 # 11	3.12	2 # 11	24.00	0.057	#5@10.83	24.00	0.057	#5@10.83	72.00		0.18	0.605	1.056
P 5	903.269	-34.623	3.12	2 # 11	7.16	5 # 11	24.00	0.055	#5@11.27	0.00	0.000	#5@ 0.00	72.00		0.16	2.244	0.000
P 6	903.854	-34.161	3.12	2 # 11	7.16	5 # 11	0.00	0.000	#5@ 0.00	24.00	0.055	#5@11.27	72.00		0.16	2.245	0.000
P 7	-924.812	-1455.618	8.34	6 # 11	3.12	2 # 11	24.00	0.057	#5@10.84	24.00	0.057	#5@10.84	72.00		0.18	0.605	1.056
C 2	-1840.261	-2549.945	12.58	9 # 11	3.12	2 # 11	24.00	0.062	#5@10.04	24.00	0.055	#5@11.27	72.00		0.30	0.620	1.090
P 9	-1266.016	-1605.764	8.34	6 # 11	3.12	2 # 11	24.00	0.055	#5@11.27	24.00	0.055	#5@11.27	72.00		0.18	0.445	1.165
P10	-23.253	-23.253	3.12	2 # 11	3.12	2 # 11	24.00	0.055	#5@11.24	0.00	0.000	#5@ 0.00	58.86		0.09	0.000	0.089

NOTE: *** FS/FZ RATIO EXCEEDS 1.0! ***

NOTE: *** FS/FF RATIO EXCEEDS 1.0! ***

COLUMN ANALYSIS AND DESIGN OUTPUT

CRITICAL COLUMN LOADS

CN	T B	GR	LLC	WC	R	E S	C F	S F	PF	MTF	MLF	PM	MTM	MLM	PU	MTU	MLU	PU/PM	B	D
1	T	1	LL 2	0.0					1791.4	-185.8	0.0	1791.4	528.6	717.5	5659.1	1671.4	2268.4	3.160	60.00	60.00
1	B	2		5.1					1406.5	249.9	-2185.3	1406.5	379.6	2994.5	2131.9	573.0	4519.6	1.510	60.00	60.00
2	T	1	LL 5	0.0					1791.2	185.8	0.0	1791.2	528.6	717.3	5659.1	1671.5	2268.3	3.160	60.00	60.00
2	B	2		5.1	R				1406.4	-250.0	2185.3	1406.4	379.6	2994.4	2131.7	572.9	4519.6	1.510	60.00	60.00

COLUMN DESIGN DATA

CN	T B	B FACE 1 NO.SIZE	B FACE 2 NO.SIZE	D FACE 3 NO.SIZE	D FACE 4 NO.SIZE	AS	PS	BD12	BD	SUMPU	SUMPC	DEL.T	DEL.L	CM	R	PHIC
1	T	19 # 11	0 # 0	0 # 0	0 # 0	29.64	1.048	1.00	0.894	3190.	20875.	1.180	1.602	1.000	1	0.75
1	B	19 # 11	0 # 0	0 # 0	0 # 0	29.64	1.048	1.00	0.000	2594.	35180.	1.080	1.370	1.000	1	0.75
2	T	19 # 11	0 # 0	0 # 0	0 # 0	29.64	1.048	1.00	0.894	3190.	20875.	1.180	1.602	1.000	1	0.75
2	B	19 # 11	0 # 0	0 # 0	0 # 0	29.64	1.048	1.00	0.000	2594.	35180.	1.080	1.370	1.000	1	0.75

FOOTING 1 DESIGN LOADS

F	G	LLID	WC	ES	C	S	P	MT	VT	ML	VL	P4	P3	P2	P1	MTF	VBF	VPF	LOAD
1	3	LL 3	5.1R				1252.735	-163.245	-9.391	1539.876	29.804	21.846	2.294	4.591	24.143	51.960	0.894	21.410	MAX.P1
1	3	LL 3	5.1R				1628.556	-212.219	-12.209	2001.839	38.745	28.399	2.982	5.969	31.386	67.548	1.162	27.833	MAX.MT
1	3	LL 3	5.1R				1628.556	-212.219	-12.209	2001.839	38.745	28.399	2.982	5.969	31.386	67.548	1.162	27.833	MAX.VT

1	3	LL 3	5.1	1673.855	110.789	3.531	-2001.839	-38.745	29.617	4.200	5.657	31.074	66.890	1.142	28.608	MAX.VP
1	3	LL 3	5.1	1673.855	110.789	3.531	-2001.839	-38.745	29.617	4.200	5.657	31.074	104.710	1.924	28.608	MAX.ML
1	3	LL 3	5.1	1673.855	110.789	3.531	-2001.839	-38.745	29.617	4.200	5.657	31.074	104.710	1.924	28.608	MAX.VL
2	2		5.1	1019.333	310.341	16.674	-1681.031	-37.244	19.472	-2.139	2.263	23.874	46.169	0.808	17.452	MAX.P3

FOOTING 1 ANALYSIS/DESIGN RESULTS

FOOTING SIZE				* BAR REINFORCEMENT STEEL				* SECTION CAPACITIES				
B	D	T	P1/PA	AS	NO.SIZE	SPAC.	PLACEMENT	MT.	VB	VP	DS	FC
10.000	10.000	3.000	0.966	0.63	21 # 5 @	5.625	TOP TRAN	91.958	38.545	77.089	31.938	0.000
				0.80	19 # 6 @	6.250	BOT.LONG	120.092	39.374	78.749	32.625	0.000

FOOTING 2 DESIGN SAME AS FOOTING 1