ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
319	2	307	308	340	339	1.0000
320	2	308	309	341	340	1.0000
321	2	309	310	342	341	1.0000
322	2	310	311	343	342	1.0000
323	2	311	312	344	343	1.0000
324	2	312	313	345	344	1.0000
325	3	314	315	347	346	1.0000
326	3	315	316	348	347	1.0000
327	3	316	317	349	348	1.0000
328	3	317	318	350	349	1.0000
329	3	318	319	351	350	1.0000
330	3	319	320	352	351	1.0000
331	3	320	321	353	352	1.0000
332	3	321	322	354	353	1.0000
333	3	1322	323	355	1354	1.0000
334	3	323	324	356	355	1.0000
335	3	324	325	357	356	1.0000
336	3	325	326	358	357	1.0000
337	3	326	327	359	358	1.0000
338	3	327	328	360	359	1.0000
339	3	328	329	361	360	1.0000
340	3	329	330	362	361	1.0000
341	3	1330	331	363	1362	1.0000
342	3	331	332	364	363	1.0000
343	3	332	333	365	364	1.0000
344	3	333	334	366	365	1.0000
345	3	334	335	367	366	1.0000
346	3	335	336	368	367	1.0000
347	3	336	337	369	368	1.0000
348	3	337	338	370	369	1.0000
349	3	1338	339	371	1370	1.0000
350	3	339	340	372	371	1.0000
351	3	340	341	373	372	1.0000
352	3	341	342	374	373	1.0000
353	3	342	343	375	374	1.0000
354	3	343	344	376	375	1.0000
355	3	344	345	377	376	1.0000
356	4	346	347	379	378	1.0000
357	4	347	348	380	379	1.0000
358	4	348	349	381	380	1.0000
359	4	349	350	382	381	1.0000
360	4	350	351	383	382	1.0000
361	4	351	352	384	383	1.0000
362	4	352	353	385	384	1.0000
363	4	353	354	386	385	1.0000
364	4	1354	355	387	1386	1.0000
365	4	355	356	388	387	1.0000
366	4	356	357	389	388	1.0000
367	4	357	358	390	389	1.0000
368	4	358	359	391	390	1.0000
369	4	359	360	392	391	1.0000
370	4	360	361	393	392	1.0000
371	4	361	362	394	393	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
372	4	1362	363	395	1394	1.0000
373	4	363	364	396	395	1.0000
374	4	364	365	397	396	1.0000
375	4	365	366	398	397	1.0000
376	4	366	367	399	398	1.0000
377	4	367	368	400	399	1.0000
378	4	368	369	401	400	1.0000
379	4	369	370	402	401	1.0000
380	4	1370	371	403	1402	1.0000
381	4	371	372	404	403	1.0000
382	4	372	373	405	404	1.0000
383	4	373	374	406	405	1.0000
384	4	374	375	407	406	1.0000
385	4	375	376	408	407	1.0000
386	4	376	377	408	408	1.0000
387	5	378	379	410	409	1.0000
388	5	379	380	410	410	1.0000
389	5	380	381	410	410	1.0000
390	5	381	382	411	410	1.0000
391	5	382	383	412	411	1.0000
392	5	383	384	412	412	1.0000
393	5	384	385	412	412	1.0000
394	5	385	386	413	412	1.0000
395	5	1386	387	414	1413	1.0000
396	5	387	388	414	414	1.0000
397	5	388	389	414	414	1.0000
398	5	389	390	415	414	1.0000
399	5	390	391	416	415	1.0000
400	5	391	392	416	416	1.0000
401	5	392	393	416	416	1.0000
402	5	393	394	417	416	1.0000
403	5	1394	395	418	1417	1.0000
404	5	395	396	418	418	1.0000
405	5	396	397	418	418	1.0000
406	5	397	398	419	418	1.0000
407	5	398	399	420	419	1.0000
408	5	399	400	420	420	1.0000
409	5	400	401	420	420	1.0000
410	5	401	402	421	420	1.0000
411	5	1402	403	422	1421	1.0000
412	5	403	404	422	422	1.0000
413	5	404	405	422	422	1.0000
414	5	405	406	423	422	1.0000
415	5	406	407	424	423	1.0000
416	5	407	408	424	424	1.0000
417	6	409	410	426	425	1.0000
418	6	410	411	427	426	1.0000
419	6	411	412	428	427	1.0000
420	6	412	413	429	428	1.0000
421	6	1413	414	430	1429	1.0000
422	6	414	415	431	430	1.0000
423	6	415	416	432	431	1.0000
424	6	416	417	433	432	1.0000

JOINT ANALYSIS

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
425	6	1417	418	434	1433	1.0000
426	6	418	419	435	434	1.0000
427	6	419	420	436	435	1.0000
428	6	420	421	437	436	1.0000
429	6	1421	422	438	1437	1.0000
430	6	422	423	439	438	1.0000
431	6	423	424	439	439	1.0000
432	7	425	426	441	440	1.0000
433	7	426	427	442	441	1.0000
434	7	427	428	443	442	1.0000
435	7	428	429	444	443	1.0000
436	7	1429	430	445	1444	1.0000
437	7	430	431	446	445	1.0000
438	7	431	432	447	446	1.0000
439	7	432	433	448	447	1.0000
440	7	1433	434	449	1448	1.0000
441	7	434	435	450	449	1.0000
442	7	435	436	451	450	1.0000
443	7	436	437	452	451	1.0000
444	7	1437	438	453	1452	1.0000
445	7	438	439	454	453	1.0000
446	8	440	441	456	455	1.0000
447	8	441	442	457	456	1.0000
448	8	442	443	458	457	1.0000
449	8	443	444	459	458	1.0000
450	8	1444	445	460	1459	1.0000
451	8	445	446	461	460	1.0000
452	8	446	447	462	461	1.0000
453	8	447	448	463	462	1.0000
454	8	1448	449	464	1463	1.0000
455	8	449	450	465	464	1.0000
456	8	450	451	466	465	1.0000
457	8	451	452	467	466	1.0000
458	8	1452	453	468	1467	1.0000
459	8	453	454	468	468	1.0000
460	9	455	456	470	469	1.0000
461	9	456	457	471	470	1.0000
462	9	457	458	472	471	1.0000
463	9	458	459	473	472	1.0000
464	9	1459	460	474	1473	1.0000
465	9	460	461	475	474	1.0000
466	9	461	462	476	475	1.0000
467	9	462	463	477	476	1.0000
468	9	1463	464	478	1477	1.0000
469	9	464	465	479	478	1.0000
470	9	465	466	480	479	1.0000
471	9	466	467	481	480	1.0000
472	9	1467	468	1482	1482	1.0000
473	9	467	482	481	481	1.0000
474	10	469	470	484	483	1.0000
475	10	470	471	485	484	1.0000
476	10	471	472	486	485	1.0000
477	10	472	473	487	486	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
478	10	1473	474	488	1487	1.0000
479	10	474	475	489	488	1.0000
480	10	475	476	490	489	1.0000
481	10	476	477	491	490	1.0000
482	10	1477	478	492	1491	1.0000
483	10	478	479	493	492	1.0000
484	10	479	480	494	493	1.0000
485	10	480	481	495	494	1.0000
486	10	481	482	495	495	1.0000
487	11	483	484	497	496	1.0000
488	11	484	485	498	497	1.0000
489	11	485	486	499	498	1.0000
490	11	486	487	500	499	1.0000
491	11	1487	488	501	1500	1.0000
492	11	488	489	502	501	1.0000
493	11	489	490	503	502	1.0000
494	11	490	491	504	503	1.0000
495	11	1491	492	505	1504	1.0000
496	11	492	493	506	505	1.0000
497	11	493	494	507	506	1.0000
498	11	494	495	507	507	1.0000
499	12	496	497	509	508	1.0000
500	12	497	498	510	509	1.0000
501	12	498	499	511	510	1.0000
502	12	499	500	512	511	1.0000
503	12	1500	501	513	1512	1.0000
504	12	501	502	514	513	1.0000
505	12	502	503	515	514	1.0000
506	12	503	504	516	515	1.0000
507	12	1504	505	517	1516	1.0000
508	12	505	506	518	517	1.0000
509	12	506	507	519	518	1.0000
510	13	508	509	521	520	1.0000
511	13	509	510	522	521	1.0000
512	13	510	511	523	522	1.0000
513	13	511	512	524	523	1.0000
514	13	1512	513	525	1524	1.0000
515	13	513	514	526	525	1.0000
516	13	514	515	527	526	1.0000
517	13	515	516	528	527	1.0000
518	13	1516	517	529	1528	1.0000
519	13	529	517	530	530	1.0000
520	13	517	518	531	530	1.0000
521	13	518	519	531	531	1.0000
522	14	520	521	533	532	1.0000
523	14	521	522	534	533	1.0000
524	14	522	523	535	534	1.0000
525	14	523	524	536	535	1.0000
526	14	1524	525	537	1536	1.0000
527	14	525	526	538	537	1.0000
528	14	526	527	539	538	1.0000
529	14	527	528	540	539	1.0000
530	14	528	541	540	540	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
531	14	1528	529	1541	1541	1.0000
532	14	529	530	542	1541	1.0000
533	14	530	531	543	542	1.0000
534	15	532	533	545	544	1.0000
535	15	533	534	546	545	1.0000
536	15	534	535	547	546	1.0000
537	15	535	536	548	547	1.0000
538	15	1536	537	549	1548	1.0000
539	15	537	538	550	549	1.0000
540	15	538	539	551	550	1.0000
541	15	539	540	552	551	1.0000
542	15	540	541	553	552	1.0000
543	15	541	554	553	553	1.0000
544	15	1541	542	1554	1554	1.0000
545	15	542	543	1554	1554	1.0000
546	16	544	545	556	555	1.0000
547	16	545	546	557	556	1.0000
548	16	546	547	558	557	1.0000
549	16	547	548	559	558	1.0000
550	16	1548	549	560	1559	1.0000
551	16	549	550	561	560	1.0000
552	16	550	551	562	561	1.0000
553	16	551	552	563	562	1.0000
554	16	552	553	564	563	1.0000
555	16	553	554	564	564	1.0000
556	17	555	556	566	565	1.0000
557	17	556	557	567	566	1.0000
558	17	557	558	568	567	1.0000
559	17	558	559	569	568	1.0000
560	17	1559	560	570	1569	1.0000
561	17	560	561	571	570	1.0000
562	17	561	562	572	571	1.0000
563	17	562	563	573	572	1.0000
564	17	563	564	573	573	1.0000
565	18	565	566	575	574	1.0000
566	18	566	567	576	575	1.0000
567	18	567	568	577	576	1.0000
568	18	568	569	578	577	1.0000
569	18	1569	570	579	1578	1.0000
570	18	570	571	580	579	1.0000
571	18	571	572	581	580	1.0000
572	18	572	573	582	581	1.0000
573	19	574	575	584	583	1.0000
574	19	575	576	585	584	1.0000
575	19	576	577	586	585	1.0000
576	19	577	578	587	586	1.0000
577	19	1578	579	588	1587	1.0000
578	19	579	580	589	588	1.0000
579	19	580	581	590	589	1.0000
580	19	581	582	590	590	1.0000
581	20	583	584	592	591	1.0000
582	20	584	585	593	592	1.0000
583	20	585	586	594	593	1.0000

ISOPARAMETRIC ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	T
584	20	586	587	595	594	1.0000
585	20	1587	588	596	1595	1.0000
586	20	588	589	597	596	1.0000
587	20	589	590	598	597	1.0000
588	21	591	592	600	599	1.0000
589	21	592	593	601	600	1.0000
590	21	593	594	602	601	1.0000
591	21	594	595	603	602	1.0000
592	21	1595	596	604	1603	1.0000
593	21	596	597	605	604	1.0000
594	21	597	598	605	605	1.0000
595	22	599	600	607	606	1.0000
596	22	600	601	608	607	1.0000
597	22	601	602	609	608	1.0000
598	22	602	603	610	609	1.0000
599	22	1603	604	611	1610	1.0000
600	22	604	605	612	611	1.0000
601	23	606	607	614	613	1.0000
602	23	607	608	615	614	1.0000
603	23	608	609	616	615	1.0000
604	23	609	610	617	616	1.0000
605	23	610	618	617	617	1.0000
606	23	1610	611	1618	1618	1.0000
607	23	611	612	1618	1618	1.0000
608	24	613	614	620	619	1.0000
609	24	614	615	621	620	1.0000
610	24	615	616	622	621	1.0000
611	24	616	617	623	622	1.0000
612	24	617	618	624	623	1.0000
613	25	619	620	626	625	1.0000
614	25	620	621	627	626	1.0000
615	25	621	622	628	627	1.0000
616	25	622	623	629	628	1.0000
617	25	623	624	629	629	1.0000
618	26	625	626	631	630	1.0000
619	26	626	627	632	631	1.0000
620	26	627	628	633	632	1.0000
621	26	628	629	634	633	1.0000
622	27	630	631	636	635	1.0000
623	27	631	632	637	636	1.0000
624	27	632	633	638	637	1.0000
625	27	633	634	639	638	1.0000
626	28	635	636	641	640	1.0000
627	28	636	637	642	641	1.0000
628	28	637	638	643	642	1.0000
629	28	638	639	644	643	1.0000
630	29	640	641	646	645	1.0000
631	29	641	642	647	646	1.0000
632	29	642	643	648	647	1.0000
633	29	643	644	649	648	1.0000

JOINT ANALYSIS

JOINT ELEMENT

ELEMENT	MATERIAL	I1	I2	I3	I4	VDSP	VMC	T	B
1250	101	1250	1290	290	250	0.0000	1.0000	0.0000	1.0000
1290	101	1290	1322	322	290	0.0000	1.0000	0.0000	1.0000
1322	101	1322	1354	354	322	0.0000	1.0000	0.0000	1.0000
1354	101	1354	1386	386	354	0.0000	1.0000	0.0000	1.0000
1386	101	1386	1413	413	386	0.0000	1.0000	0.0000	1.0000
1413	101	1413	1429	429	413	0.0000	1.0000	0.0000	1.0000
1429	101	1429	1444	444	429	0.0000	1.0000	0.0000	1.0000
1444	101	1444	1459	459	444	0.0000	1.0000	0.0000	1.0000
1459	101	1459	1473	473	459	0.0000	1.0000	0.0000	1.0000
1473	101	1473	1487	487	473	0.0000	1.0000	0.0000	1.0000
1487	101	1487	1500	500	487	0.0000	1.0000	0.0000	1.0000
1500	101	1500	1512	512	500	0.0000	1.0000	0.0000	1.0000
1512	101	1512	1524	524	512	0.0000	1.0000	0.0000	1.0000
1524	101	1524	1536	536	524	0.0000	1.0000	0.0000	1.0000
1536	101	1536	1548	548	536	0.0000	1.0000	0.0000	1.0000
1548	101	1548	1559	559	548	0.0000	1.0000	0.0000	1.0000
1559	101	1559	1569	569	559	0.0000	1.0000	0.0000	1.0000
1569	101	1569	1578	578	569	0.0000	1.0000	0.0000	1.0000
1578	101	1578	1587	587	578	0.0000	1.0000	0.0000	1.0000
1587	101	1587	1595	595	587	0.0000	1.0000	0.0000	1.0000
1595	101	1595	1603	603	595	0.0000	1.0000	0.0000	1.0000
1603	101	1603	1610	610	603	0.0000	1.0000	0.0000	1.0000
1610	101	1610	1618	618	610	0.0000	1.0000	0.0000	1.0000
1258	101	1258	1298	298	258	0.0000	1.0000	0.0000	1.0000
1298	101	1298	1330	330	298	0.0000	1.0000	0.0000	1.0000
1330	101	1330	1362	362	330	0.0000	1.0000	0.0000	1.0000
1362	101	1362	1394	394	362	0.0000	1.0000	0.0000	1.0000
1394	101	1394	1417	417	394	0.0000	1.0000	0.0000	1.0000
1417	101	1417	1433	433	417	0.0000	1.0000	0.0000	1.0000
1433	101	1433	1448	448	433	0.0000	1.0000	0.0000	1.0000
1448	101	1448	1463	463	448	0.0000	1.0000	0.0000	1.0000
1463	101	1463	1477	477	463	0.0000	1.0000	0.0000	1.0000
1477	101	1477	1491	491	477	0.0000	1.0000	0.0000	1.0000
1491	101	1491	1504	504	491	0.0000	1.0000	0.0000	1.0000
1504	101	1504	1516	516	504	0.0000	1.0000	0.0000	1.0000
1516	101	1516	1528	528	516	0.0000	1.0000	0.0000	1.0000
1528	101	1528	1541	541	528	0.0000	1.0000	0.0000	1.0000
1541	101	1541	1554	554	541	0.0000	1.0000	0.0000	1.0000
1266	101	1266	1306	306	266	0.0000	1.0000	0.0000	1.0000
1306	101	1306	1338	338	306	0.0000	1.0000	0.0000	1.0000
1338	101	1338	1370	370	338	0.0000	1.0000	0.0000	1.0000
1370	101	1370	1402	402	370	0.0000	1.0000	0.0000	1.0000
1402	101	1402	1421	421	402	0.0000	1.0000	0.0000	1.0000
1421	101	1421	1437	437	421	0.0000	1.0000	0.0000	1.0000
1437	101	1437	1452	452	437	0.0000	1.0000	0.0000	1.0000
1452	101	1452	1467	467	452	0.0000	1.0000	0.0000	1.0000
1467	101	1467	1482	482	467	0.0000	1.0000	0.0000	1.0000

MATERIAL DATA FOR ISOPARAMETRIC ELEMENT

MATERIAL	E1/E1MN	E2/E2MN	NYU1/NYUMX	NYU2	ANGLE	WEIGHT	ET1MN	ET2MN
1	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
	0.0	0.0	0.00000					
2	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
	0.0	0.0	0.00000					
3	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
	0.0	0.0	0.00000					
4	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
	0.0	0.0	0.00000					
5	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
	0.0	0.0	0.00000					
6	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
	0.0	0.0	0.00000					
7	500000.0	500000.0	0.27000	0.27000	0.000	0.1103	0.0	0.0
	0.0	0.0	0.00000					
8	500000.0	500000.0	0.27000	0.27000	0.000	0.1145	0.0	0.0
	0.0	0.0	0.00000					
9	500000.0	500000.0	0.27000	0.27000	0.000	0.1241	0.0	0.0
	0.0	0.0	0.00000					
10	500000.0	500000.0	0.27000	0.27000	0.000	0.1359	0.0	0.0
	0.0	0.0	0.00000					
11	500000.0	500000.0	0.27000	0.27000	0.000	0.1491	0.0	0.0
	0.0	0.0	0.00000					
12	500000.0	500000.0	0.27000	0.27000	0.000	0.1626	0.0	0.0
	0.0	0.0	0.00000					
13	500000.0	500000.0	0.27000	0.27000	0.000	0.1758	0.0	0.0
	0.0	0.0	0.00000					
14	500000.0	500000.0	0.27000	0.27000	0.000	0.1875	0.0	0.0
	0.0	0.0	0.00000					
15	500000.0	500000.0	0.27000	0.27000	0.000	0.1973	0.0	0.0
	0.0	0.0	0.00000					
16	500000.0	500000.0	0.27000	0.27000	0.000	0.2090	0.0	0.0
	0.0	0.0	0.00000					
17	500000.0	500000.0	0.27000	0.27000	0.000	0.2225	0.0	0.0
	0.0	0.0	0.00000					
18	500000.0	500000.0	0.27000	0.27000	0.000	0.2342	0.0	0.0
	0.0	0.0	0.00000					
19	500000.0	500000.0	0.27000	0.27000	0.000	0.2434	0.0	0.0
	0.0	0.0	0.00000					
20	500000.0	500000.0	0.27000	0.27000	0.000	0.2536	0.0	0.0
	0.0	0.0	0.00000					
21	500000.0	500000.0	0.27000	0.27000	0.000	0.2639	0.0	0.0
	0.0	0.0	0.00000					
22	500000.0	500000.0	0.27000	0.27000	0.000	0.2727	0.0	0.0
	0.0	0.0	0.00000					
23	500000.0	500000.0	0.27000	0.27000	0.000	0.2994	0.0	0.0
	0.0	0.0	0.00000					
24	500000.0	500000.0	0.27000	0.27000	0.000	0.3402	0.0	0.0
	0.0	0.0	0.00000					
25	500000.0	500000.0	0.27000	0.27000	0.000	0.3840	0.0	0.0
	0.0	0.0	0.00000					
26	500000.0	500000.0	0.27000	0.27000	0.000	0.4479	0.0	0.0
	0.0	0.0	0.00000					

JOINT ANALYSIS

MATERIAL DATA FOR ISOPARAMETRIC ELEMENT

MATERIAL	E1/E1MN	E2/E2MN	NYU1/NYUMX	NYU2	ANGLE	WEIGHT	ET1MN	ET2MN
27	500000.0	500000.0	0.27000	0.27000	0.000	0.5098	0.0	0.0
	0.0	0.0	0.00000					
28	500000.0	500000.0	0.27000	0.27000	0.000	0.5717	0.0	0.0
	0.0	0.0	0.00000					
29	500000.0	500000.0	0.27000	0.27000	0.000	0.6323	0.0	0.0
	0.0	0.0	0.00000					
30	1000000.0	1000000.0	0.30000	0.30000	0.000	0.0000	0.0	0.0
	0.0	0.0	0.00000					

MATERIAL DATA FOR JOINT ELEMENT

MATERIAL		KN	KS	KNS	KSN	WEIGHT	C	PHI	RF	M	L	N
101	0	50000000.	0.	0.	0.	0.000	0.000	0.000	0.000	0.000	0.000	1.000

SURFACE DATA

NO	GRID POINT LIST									
1	645	640	635	630	625	619	613	606	599	591
	583	574	565	555	544	532	520	508	496	483
	469	455	440	425	409	378	346	314	282	242
	241	240	239	238	237	236	235	234	233	232
2	281	280	279	278	277	276	275	274	273	313
	345	377	408	424	439					

CONTROL DATA 0 0 0 0 0 10 0 0

RUN MODE : EXECUTION

ANALYSIS : LINEAR (ELASTIC)

GEOMETRY CHANGE BY DISPLACEMENT : NO

NORMAL STRESS ANALYSIS RUN.

CREEP : NO

NON-LINEAR ITERATION LIMIT : 10 TIMES.

NON-LINEAR ITERATION METHOD : NEWTON-RAPHSON'S METHOD.

RESIDUAL LOAD CORRECTION : NO

NONLIST DATA 0 0 0 0 1 0 1 0 0

INPUT IMAGE LIST : YES INPUT DATA ECHO LIST : YES

LOADING VECTOR : YES SUPPORT REACTION : YES

DISPLACEMENT(INCREMENT) : NO DISPLACEMENT(INC.+TOTAL) : YES

STRESS (INCREMENT) : NO STRESS (TOTAL) : YES

NONLINEAR MATERIAL LIST : YES

ACCURACY DATA EPSR = 1.000E-03 EPSD= 1.000E-03

LOAD SCALE DATA FACTOR = ALPHA*BETA(I)
ALPHA = 1.000
BETA = 1.000

CREEP TIME = 0.00 (DAY)

GRID POINT LOAD

GRID	PX	PY	MZ
242	0.0000	-1.8172	0.0000
243	0.0000	-3.6343	0.0000
244	0.0000	-3.6343	0.0000
245	0.0000	-3.6343	0.0000
246	0.0000	-3.6343	0.0000
247	0.0000	-3.6343	0.0000
248	0.0000	-3.6343	0.0000
249	0.0000	-3.6343	0.0000
250	0.0000	-1.8172	0.0000
251	0.0000	-3.9850	0.0000

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 0

GRID POINT LOAD

GRID	PX	PY	MZ
252	0.0000	-3.9850	0.0000
253	0.0000	-3.9850	0.0000
254	0.0000	-3.9850	0.0000
255	0.0000	-3.9850	0.0000
256	0.0000	-3.9850	0.0000
257	0.0000	-3.9850	0.0000
258	0.0000	-1.9925	0.0000
259	0.0000	-4.5543	0.0000
260	0.0000	-4.5543	0.0000
261	0.0000	-4.5543	0.0000
262	0.0000	-4.5543	0.0000
263	0.0000	-4.5543	0.0000
264	0.0000	-4.5543	0.0000
265	0.0000	-4.5543	0.0000
266	0.0000	-2.2772	0.0000
267	0.0000	-4.9414	0.0000
268	0.0000	-4.9414	0.0000
269	0.0000	-4.9414	0.0000
270	0.0000	-5.7726	0.0000
271	0.0000	-6.6037	0.0000
272	0.0000	-9.3553	0.0000
273	0.0000	-6.0534	0.0000
282	0.0000	-3.6148	0.0000
283	0.0000	-7.2300	0.0000
284	0.0000	-7.2304	0.0000
285	0.0000	-7.2304	0.0000
286	0.0000	-7.2304	0.0000
287	0.0000	-7.2304	0.0000
288	0.0000	-7.2304	0.0000
289	0.0000	-7.2304	0.0000
290	0.0000	-3.6152	0.0000
291	0.0000	-7.9680	0.0000
292	0.0000	-7.9680	0.0000
293	0.0000	-7.9680	0.0000
294	0.0000	-7.9680	0.0000
295	0.0000	-7.9680	0.0000
296	0.0000	-7.9680	0.0000
297	0.0000	-7.9680	0.0000
298	0.0000	-3.9840	0.0000
299	0.0000	-9.1062	0.0000
300	0.0000	-9.1062	0.0000
301	0.0000	-9.1062	0.0000
302	0.0000	-9.1062	0.0000
303	0.0000	-9.1062	0.0000
304	0.0000	-9.1062	0.0000
305	0.0000	-9.1062	0.0000
306	0.0000	-4.5531	0.0000
307	0.0000	-9.8803	0.0000
308	0.0000	-9.8803	0.0000
309	0.0000	-9.8803	0.0000
310	0.0000	-11.5422	0.0000
311	0.0000	-13.2041	0.0000

GRID	PX	PY	MZ
312	0.0000	-16.5054	0.0000
313	0.0000	-9.9033	0.0000
314	0.0000	-3.5854	0.0000
315	0.0000	-7.1724	0.0000
316	0.0000	-7.1735	0.0000
317	0.0000	-7.1735	0.0000
318	0.0000	-7.1739	0.0000
319	0.0000	-7.1739	0.0000
320	0.0000	-7.1739	0.0000
321	0.0000	-7.1739	0.0000
322	0.0000	-3.5869	0.0000
323	0.0000	-7.9659	0.0000
324	0.0000	-7.9659	0.0000
325	0.0000	-7.9659	0.0000
326	0.0000	-7.9659	0.0000
327	0.0000	-7.9659	0.0000
328	0.0000	-7.9659	0.0000
329	0.0000	-7.9659	0.0000
330	0.0000	-3.9830	0.0000
331	0.0000	-9.1039	0.0000
332	0.0000	-9.1039	0.0000
333	0.0000	-9.1039	0.0000
334	0.0000	-9.1039	0.0000
335	0.0000	-9.1039	0.0000
336	0.0000	-9.1039	0.0000
337	0.0000	-9.1039	0.0000
338	0.0000	-4.5519	0.0000
339	0.0000	-9.8777	0.0000
340	0.0000	-9.8777	0.0000
341	0.0000	-9.8777	0.0000
342	0.0000	-11.5392	0.0000
343	0.0000	-13.2007	0.0000
344	0.0000	-13.2007	0.0000
345	0.0000	-6.6003	0.0000
346	0.0000	-3.5602	0.0000
347	0.0000	-7.1207	0.0000
348	0.0000	-7.1196	0.0000
349	0.0000	-7.1192	0.0000
350	0.0000	-7.1207	0.0000
351	0.0000	-7.1211	0.0000
352	0.0000	-7.1211	0.0000
353	0.0000	-7.1211	0.0000
354	0.0000	-3.5605	0.0000
355	0.0000	-7.9680	0.0000
356	0.0000	-7.9680	0.0000
357	0.0000	-7.9680	0.0000
358	0.0000	-7.9680	0.0000
359	0.0000	-7.9680	0.0000
360	0.0000	-7.9680	0.0000
361	0.0000	-7.9680	0.0000
362	0.0000	-3.9840	0.0000
363	0.0000	-9.1062	0.0000

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 0

GRID POINT LOAD

GRID	PX	PY	MZ
364	0.0000	-9.1062	0.0000
365	0.0000	-9.1062	0.0000
366	0.0000	-9.1062	0.0000
367	0.0000	-9.1062	0.0000
368	0.0000	-9.1062	0.0000
369	0.0000	-9.1062	0.0000
370	0.0000	-4.5531	0.0000
371	0.0000	-9.8803	0.0000
372	0.0000	-9.8803	0.0000
373	0.0000	-9.8803	0.0000
374	0.0000	-11.5422	0.0000
375	0.0000	-13.2041	0.0000
376	0.0000	-9.9028	0.0000
377	0.0000	-3.3007	0.0000
378	0.0000	-6.4462	0.0000
379	0.0000	-10.5733	0.0000
380	0.0000	-8.2538	0.0000
381	0.0000	-10.5706	0.0000
382	0.0000	-12.8893	0.0000
383	0.0000	-10.5725	0.0000
384	0.0000	-8.2542	0.0000
385	0.0000	-10.5733	0.0000
386	0.0000	-6.4462	0.0000
387	0.0000	-11.9530	0.0000
388	0.0000	-9.2970	0.0000
389	0.0000	-11.9530	0.0000
390	0.0000	-14.6090	0.0000
391	0.0000	-11.9530	0.0000
392	0.0000	-9.2970	0.0000
393	0.0000	-11.9530	0.0000
394	0.0000	-7.3045	0.0000
395	0.0000	-13.6606	0.0000
396	0.0000	-10.6251	0.0000
397	0.0000	-13.6606	0.0000
398	0.0000	-16.6960	0.0000
399	0.0000	-13.6606	0.0000
400	0.0000	-10.6251	0.0000
401	0.0000	-13.6606	0.0000
402	0.0000	-8.3480	0.0000
403	0.0000	-14.8217	0.0000
404	0.0000	-11.5283	0.0000
405	0.0000	-14.8217	0.0000
406	0.0000	-18.9615	0.0000
407	0.0000	-17.6071	0.0000
408	0.0000	-8.8038	0.0000
409	0.0000	-12.7358	0.0000
410	0.0000	-30.1827	0.0000
411	0.0000	-25.4687	0.0000
412	0.0000	-30.1804	0.0000
413	0.0000	-12.7366	0.0000
414	0.0000	-34.5279	0.0000
415	0.0000	-29.2159	0.0000

GRID	PX	PY	MZ
416	0.0000	-34.5279	0.0000
417	0.0000	-14.6079	0.0000
418	0.0000	-39.4604	0.0000
419	0.0000	-33.3896	0.0000
420	0.0000	-39.4604	0.0000
421	0.0000	-16.6948	0.0000
422	0.0000	-42.8146	0.0000
423	0.0000	-29.1172	0.0000
424	0.0000	-15.4047	0.0000
425	0.0000	-13.9109	0.0000
426	0.0000	-27.8240	0.0000
427	0.0000	-27.8225	0.0000
428	0.0000	-27.8233	0.0000
429	0.0000	-13.9140	0.0000
430	0.0000	-32.3859	0.0000
431	0.0000	-32.3859	0.0000
432	0.0000	-32.3859	0.0000
433	0.0000	-16.1930	0.0000
434	0.0000	-37.0125	0.0000
435	0.0000	-37.0125	0.0000
436	0.0000	-37.0125	0.0000
437	0.0000	-18.5062	0.0000
438	0.0000	-37.8164	0.0000
439	0.0000	-22.2544	0.0000
440	0.0000	-10.4555	0.0000
441	0.0000	-20.9091	0.0000
442	0.0000	-20.9068	0.0000
443	0.0000	-20.9091	0.0000
444	0.0000	-10.4559	0.0000
445	0.0000	-24.6750	0.0000
446	0.0000	-24.6750	0.0000
447	0.0000	-24.6750	0.0000
448	0.0000	-12.3375	0.0000
449	0.0000	-28.2000	0.0000
450	0.0000	-28.2000	0.0000
451	0.0000	-28.2000	0.0000
452	0.0000	-14.1000	0.0000
453	0.0000	-21.8127	0.0000
454	0.0000	-6.9200	0.0000
455	0.0000	-7.7482	0.0000
456	0.0000	-15.4943	0.0000
457	0.0000	-15.4939	0.0000
458	0.0000	-15.4943	0.0000
459	0.0000	-7.7465	0.0000
460	0.0000	-18.5062	0.0000
461	0.0000	-18.5062	0.0000
462	0.0000	-18.5062	0.0000
463	0.0000	-9.2531	0.0000
464	0.0000	-21.1500	0.0000
465	0.0000	-21.1500	0.0000
466	0.0000	-21.1500	0.0000
467	0.0000	-12.8467	0.0000

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 0

GRID POINT LOAD

GRID	PX	PY	MZ
468	0.0000	-10.2037	0.0000
469	0.0000	-9.5787	0.0000
470	0.0000	-19.1569	0.0000
471	0.0000	-19.1569	0.0000
472	0.0000	-19.1569	0.0000
473	0.0000	-9.5782	0.0000
474	0.0000	-23.1328	0.0000
475	0.0000	-23.1328	0.0000
476	0.0000	-23.1328	0.0000
477	0.0000	-11.5664	0.0000
478	0.0000	-26.4375	0.0000
479	0.0000	-27.3206	0.0000
480	0.0000	-26.3653	0.0000
481	0.0000	-17.3747	0.0000
482	0.0000	-5.1112	0.0000
483	0.0000	-10.5089	0.0000
484	0.0000	-21.0178	0.0000
485	0.0000	-21.0172	0.0000
486	0.0000	-21.0172	0.0000
487	0.0000	-10.5089	0.0000
488	0.0000	-25.7031	0.0000
489	0.0000	-25.7031	0.0000
490	0.0000	-25.7031	0.0000
491	0.0000	-12.8516	0.0000
492	0.0000	-29.3750	0.0000
493	0.0000	-33.7904	0.0000
494	0.0000	-27.5213	0.0000
495	0.0000	-11.2580	0.0000
496	0.0000	-10.3651	0.0000
497	0.0000	-20.7308	0.0000
498	0.0000	-20.7290	0.0000
499	0.0000	-20.7283	0.0000
500	0.0000	-10.3651	0.0000
501	0.0000	-25.7031	0.0000
502	0.0000	-25.7031	0.0000
503	0.0000	-25.7031	0.0000
504	0.0000	-12.8516	0.0000
505	0.0000	-29.3750	0.0000
506	0.0000	-33.1815	0.0000
507	0.0000	-21.4792	0.0000
508	0.0000	-10.2194	0.0000
509	0.0000	-20.4413	0.0000
510	0.0000	-20.4438	0.0000
511	0.0000	-20.4413	0.0000
512	0.0000	-10.2194	0.0000
513	0.0000	-25.7031	0.0000
514	0.0000	-25.7031	0.0000
515	0.0000	-25.7031	0.0000
516	0.0000	-12.8516	0.0000
517	0.0000	-31.2213	0.0000
518	0.0000	-25.1707	0.0000
519	0.0000	-10.6870	0.0000

JOINT ANALYSIS

STEP 1 CASE-2 PAGE 37

GRID POINT LOAD SUB STEP 0

GRID	PX	PY	MZ
520	0.0000	-8.8363	0.0000
521	0.0000	-17.6737	0.0000
522	0.0000	-17.6769	0.0000
523	0.0000	-17.6763	0.0000
524	0.0000	-8.8368	0.0000
525	0.0000	-22.5159	0.0000
526	0.0000	-22.5159	0.0000
527	0.0000	-22.5159	0.0000
528	0.0000	-13.5130	0.0000
529	0.0000	-14.0829	0.0000
530	0.0000	-17.5366	0.0000
531	0.0000	-14.8334	0.0000
532	0.0000	-7.4950	0.0000
533	0.0000	-14.9913	0.0000
534	0.0000	-14.9936	0.0000
535	0.0000	-14.9936	0.0000
536	0.0000	-7.4963	0.0000
537	0.0000	-19.3287	0.0000
538	0.0000	-19.3287	0.0000
539	0.0000	-19.3287	0.0000
540	0.0000	-15.3019	0.0000
541	0.0000	-7.8926	0.0000
542	0.0000	-10.7012	0.0000
543	0.0000	-5.0637	0.0000
544	0.0000	-8.7358	0.0000
545	0.0000	-17.4699	0.0000
546	0.0000	-17.4704	0.0000
547	0.0000	-17.4704	0.0000
548	0.0000	-8.7341	0.0000
549	0.0000	-22.8003	0.0000
550	0.0000	-22.8003	0.0000
551	0.0000	-22.7997	0.0000
552	0.0000	-19.3797	0.0000
553	0.0000	-13.2998	0.0000
554	0.0000	-7.0080	0.0000
555	0.0000	-9.9272	0.0000
556	0.0000	-19.8537	0.0000
557	0.0000	-19.8544	0.0000
558	0.0000	-19.8544	0.0000
559	0.0000	-9.9266	0.0000
560	0.0000	-26.2732	0.0000
561	0.0000	-26.2732	0.0000
562	0.0000	-26.2706	0.0000
563	0.0000	-20.7976	0.0000
564	0.0000	-10.7272	0.0000
565	0.0000	-8.2777	0.0000
566	0.0000	-16.5550	0.0000
567	0.0000	-16.5571	0.0000
568	0.0000	-16.5576	0.0000
569	0.0000	-8.2777	0.0000
570	0.0000	-22.2081	0.0000
571	0.0000	-22.2081	0.0000

GRID POINT LOAD

GRID	PX	PY	MZ
572	0.0000	-21.4765	0.0000
573	0.0000	-13.4377	0.0000
574	0.0000	-6.6819	0.0000
575	0.0000	-13.3620	0.0000
576	0.0000	-13.3624	0.0000
577	0.0000	-13.3642	0.0000
578	0.0000	-6.6819	0.0000
579	0.0000	-18.1444	0.0000
580	0.0000	-18.1945	0.0000
581	0.0000	-13.7586	0.0000
582	0.0000	-4.6363	0.0000
583	0.0000	-7.0476	0.0000
584	0.0000	-14.0947	0.0000
585	0.0000	-14.0947	0.0000
586	0.0000	-14.0952	0.0000
587	0.0000	-7.0476	0.0000
588	0.0000	-19.3534	0.0000
589	0.0000	-18.6850	0.0000
590	0.0000	-10.5704	0.0000
591	0.0000	-7.4025	0.0000
592	0.0000	-14.8050	0.0000
593	0.0000	-14.8050	0.0000
594	0.0000	-14.8050	0.0000
595	0.0000	-7.4025	0.0000
596	0.0000	-20.4553	0.0000
597	0.0000	-15.2696	0.0000
598	0.0000	-5.0956	0.0000
599	0.0000	-6.0366	0.0000
600	0.0000	-11.9028	0.0000
601	0.0000	-11.7324	0.0000
602	0.0000	-12.1454	0.0000
603	0.0000	-6.2792	0.0000
604	0.0000	-15.2914	0.0000
605	0.0000	-9.1421	0.0000
606	0.0000	-7.5220	0.0000
607	0.0000	-13.3735	0.0000
608	0.0000	-11.7030	0.0000
609	0.0000	-14.5936	0.0000
610	0.0000	-11.0373	0.0000
611	0.0000	-8.6095	0.0000
612	0.0000	-4.3008	0.0000
613	0.0000	-9.2021	0.0000
614	0.0000	-15.0536	0.0000
615	0.0000	-11.7030	0.0000
616	0.0000	-15.0055	0.0000
617	0.0000	-13.1856	0.0000
618	0.0000	-6.1171	0.0000
619	0.0000	-12.4115	0.0000
620	0.0000	-19.1772	0.0000
621	0.0000	-13.5316	0.0000
622	0.0000	-16.9576	0.0000
623	0.0000	-13.0957	0.0000

JOINT ANALYSIS

STEP 1 CASE-2 PAGE 39

GRID POINT LOAD SUB STEP 0

GRID	PX	PY	MZ
624	0.0000	-2.9040	0.0000
625	0.0000	-17.0045	0.0000
626	0.0000	-26.1474	0.0000
627	0.0000	-18.2859	0.0000
628	0.0000	-20.7253	0.0000
629	0.0000	-13.0792	0.0000
630	0.0000	-17.0045	0.0000
631	0.0000	-26.1474	0.0000
632	0.0000	-18.2859	0.0000
633	0.0000	-16.8894	0.0000
634	0.0000	-7.7464	0.0000
635	0.0000	-17.0045	0.0000
636	0.0000	-26.1474	0.0000
637	0.0000	-18.2859	0.0000
638	0.0000	-14.2732	0.0000
639	0.0000	-5.1302	0.0000
640	0.0000	-16.6644	0.0000
641	0.0000	-25.6245	0.0000
642	0.0000	-17.9202	0.0000
643	0.0000	-13.0190	0.0000
644	0.0000	-4.0588	0.0000
645	0.0000	-8.1621	0.0000
646	0.0000	-12.5508	0.0000
647	0.0000	-8.7773	0.0000
648	0.0000	-6.3080	0.0000
649	0.0000	-1.9194	0.0000
1250	0.0000	-1.9925	0.0000
1290	0.0000	-3.9840	0.0000
1322	0.0000	-3.9830	0.0000
1354	0.0000	-3.9840	0.0000
1386	0.0000	-7.3045	0.0000
1413	0.0000	-14.6079	0.0000
1429	0.0000	-16.1930	0.0000
1444	0.0000	-12.3375	0.0000
1459	0.0000	-9.2531	0.0000
1473	0.0000	-11.5664	0.0000
1487	0.0000	-12.8516	0.0000
1500	0.0000	-12.8516	0.0000
1512	0.0000	-12.8516	0.0000
1524	0.0000	-11.2580	0.0000
1536	0.0000	-9.6644	0.0000
1548	0.0000	-11.3998	0.0000
1559	0.0000	-13.1353	0.0000
1569	0.0000	-11.1037	0.0000
1578	0.0000	-9.0722	0.0000
1587	0.0000	-9.6767	0.0000
1595	0.0000	-10.2812	0.0000
1603	0.0000	-7.8120	0.0000
1610	0.0000	-4.3087	0.0000
1618	0.0000	-2.0504	0.0000
1258	0.0000	-2.2772	0.0000
1298	0.0000	-4.5531	0.0000

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 0

GRID POINT LOAD

GRID	PX	PY	MZ
1330	0.0000	-4.5519	0.0000
1362	0.0000	-4.5531	0.0000
1394	0.0000	-8.3480	0.0000
1417	0.0000	-16.6948	0.0000
1433	0.0000	-18.5062	0.0000
1448	0.0000	-14.1000	0.0000
1463	0.0000	-10.5750	0.0000
1477	0.0000	-13.2187	0.0000
1491	0.0000	-14.6875	0.0000
1504	0.0000	-14.6875	0.0000
1516	0.0000	-13.7389	0.0000
1528	0.0000	-7.7016	0.0000
1541	0.0000	-7.8926	0.0000
1554	0.0000	-2.2550	0.0000
1266	0.0000	-2.4707	0.0000
1306	0.0000	-4.9401	0.0000
1338	0.0000	-4.9389	0.0000
1370	0.0000	-4.9401	0.0000
1402	0.0000	-9.0576	0.0000
1421	0.0000	-18.1138	0.0000
1437	0.0000	-19.9633	0.0000
1452	0.0000	-14.8927	0.0000
1467	0.0000	-9.0303	0.0000
1482	0.0000	-4.1047	0.0000

LINE (DISTRIBUTED) LOAD

IAXS	SURF ID	CODE	GRID FROM	TO	WA	WB	A	B
0	1	TY	640	242	0.000	75.000	0.000	0.000
0	1	YX	242	232	-75.000	-75.000	0.000	0.000
0	1	XY	440	242	0.000	9.750	0.000	0.000
0	1	YX	440	242	0.000	-19.500	0.000	0.000
0	1	YX	242	232	-19.500	-19.500	0.000	0.000
0	2	TY	273	439	15.500	0.000	0.000	0.000
0	2	YX	281	273	-15.500	-15.500	0.000	0.000
0	2	XY	273	439	-8.525	0.000	0.000	0.000
0	2	YX	273	439	-17.050	0.000	0.000	0.000
0	2	YX	281	273	-17.050	-17.050	0.000	0.000

JOINT ANALYSIS

STEP 1 CASE-2 PAGE 41

BODY FORCE SUB STEP 0

ELEMENT NO. FROM	TO	KX	KY
1	2000	1.0000	0.3333

JOINT ANALYSIS

STEP 1 CASE-2 PAGE 42

LOAD VECTOR SUB STEP 1

GRID	P(X)	P(Y)	P(MZ)
232	0.0000	-2261.9520	0.0000
233	0.0000	-4071.5325	0.0000
234	0.0000	-3317.5643	0.0000
235	0.0000	-3015.9675	0.0000
236	0.0000	-1885.9838	0.0000
237	0.0000	-756.0000	0.0000
238	0.0000	-567.0000	0.0000
239	0.0000	-378.0000	0.0000
240	0.0000	-330.7500	0.0000
241	0.0000	-283.5000	0.0000
242	81.2691	-148.0129	0.0000
243	0.1706	-3.5774	0.0000
244	0.1706	-3.5774	0.0000
245	0.1706	-3.5774	0.0000
246	0.1706	-3.5774	0.0000
247	0.1706	-3.5774	0.0000
248	0.1706	-3.5774	0.0000
249	0.1706	-3.5774	0.0000
250	0.0853	-1.7888	0.0000
251	0.1871	-3.9226	0.0000
252	0.1871	-3.9226	0.0000
253	0.1871	-3.9226	0.0000
254	0.1871	-3.9226	0.0000
255	0.1871	-3.9226	0.0000
256	0.1871	-3.9226	0.0000
257	0.1871	-3.9226	0.0000
258	0.0936	-1.9613	0.0000
259	0.2138	-4.4830	0.0000
260	0.2138	-4.4830	0.0000
261	0.2138	-4.4830	0.0000
262	0.2138	-4.4830	0.0000
263	0.2138	-4.4830	0.0000
264	0.2138	-4.4830	0.0000
265	0.2138	-4.4830	0.0000
266	0.1069	-2.2416	0.0000
267	0.2320	-4.8641	0.0000
268	0.2320	-4.8641	0.0000
269	0.2320	-4.8641	0.0000
270	0.2710	-5.6823	0.0000
271	0.3101	-6.5003	0.0000
272	0.4393	-9.2089	0.0000
273	-22.0257	-126.2240	0.0000
274	0.0000	-195.3000	0.0000
275	0.0000	-227.8500	0.0000
276	0.0000	-390.6000	0.0000
277	0.0000	-649.6166	0.0000
278	0.0000	-908.6333	0.0000
279	0.0000	-1142.7166	0.0000
280	0.0000	-1402.4168	0.0000
281	0.0000	-779.1168	0.0000
282	158.7415	-12.3033	0.0000
283	0.3395	-7.1168	0.0000

JOINT ANALYSIS

STEP 1 CASE-2

LOAD VECTOR

SUB STEP 1

GRID	P(X)	P(Y)	P(MZ)
284	0.3395	-7.1172	0.0000
285	0.3395	-7.1172	0.0000
286	0.3395	-7.1172	0.0000
287	0.3395	-7.1172	0.0000
288	0.3395	-7.1172	0.0000
289	0.3395	-7.1172	0.0000
290	0.1697	-3.5586	0.0000
291	0.3741	-7.8433	0.0000
292	0.3741	-7.8433	0.0000
293	0.3741	-7.8433	0.0000
294	0.3741	-7.8433	0.0000
295	0.3741	-7.8433	0.0000
296	0.3741	-7.8433	0.0000
297	0.3741	-7.8433	0.0000
298	0.1871	-3.9216	0.0000
299	0.4276	-8.9637	0.0000
300	0.4276	-8.9637	0.0000
301	0.4276	-8.9637	0.0000
302	0.4276	-8.9637	0.0000
303	0.4276	-8.9637	0.0000
304	0.4276	-8.9637	0.0000
305	0.4276	-8.9637	0.0000
306	0.2138	-4.4818	0.0000
307	0.4639	-9.7257	0.0000
308	0.4639	-9.7257	0.0000
309	0.4639	-9.7257	0.0000
310	0.5419	-11.3616	0.0000
311	0.6200	-12.9974	0.0000
312	0.7750	-16.2471	0.0000
313	-40.2644	-51.0456	0.0000
314	153.0703	-11.9012	0.0000
315	0.3368	-7.0601	0.0000
316	0.3368	-7.0612	0.0000
317	0.3368	-7.0612	0.0000
318	0.3368	-7.0616	0.0000
319	0.3368	-7.0616	0.0000
320	0.3368	-7.0616	0.0000
321	0.3368	-7.0616	0.0000
322	0.1684	-3.5308	0.0000
323	0.3740	-7.8412	0.0000
324	0.3740	-7.8412	0.0000
325	0.3740	-7.8412	0.0000
326	0.3740	-7.8412	0.0000
327	0.3740	-7.8412	0.0000
328	0.3740	-7.8412	0.0000
329	0.3740	-7.8412	0.0000
330	0.1870	-3.9207	0.0000
331	0.4275	-8.9614	0.0000
332	0.4275	-8.9614	0.0000
333	0.4275	-8.9614	0.0000
334	0.4275	-8.9614	0.0000
335	0.4275	-8.9614	0.0000

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
336	0.4275	-8.9614	0.0000
337	0.4275	-8.9614	0.0000
338	0.2137	-4.4807	0.0000
339	0.4638	-9.7231	0.0000
340	0.4638	-9.7231	0.0000
341	0.4638	-9.7231	0.0000
342	0.5418	-11.3586	0.0000
343	0.6198	-12.9941	0.0000
344	0.6198	-12.9941	0.0000
345	-34.5924	-41.8951	0.0000
346	147.4782	-11.4608	0.0000
347	0.3343	-7.0093	0.0000
348	0.3343	-7.0082	0.0000
349	0.3343	-7.0078	0.0000
350	0.3343	-7.0093	0.0000
351	0.3344	-7.0096	0.0000
352	0.3344	-7.0096	0.0000
353	0.3344	-7.0096	0.0000
354	0.1672	-3.5048	0.0000
355	0.3741	-7.8433	0.0000
356	0.3741	-7.8433	0.0000
357	0.3741	-7.8433	0.0000
358	0.3741	-7.8433	0.0000
359	0.3741	-7.8433	0.0000
360	0.3741	-7.8433	0.0000
361	0.3741	-7.8433	0.0000
362	0.1871	-3.9216	0.0000
363	0.4276	-8.9637	0.0000
364	0.4276	-8.9637	0.0000
365	0.4276	-8.9637	0.0000
366	0.4276	-8.9637	0.0000
367	0.4276	-8.9637	0.0000
368	0.4276	-8.9637	0.0000
369	0.4276	-8.9637	0.0000
370	0.2138	-4.4818	0.0000
371	0.4639	-9.7257	0.0000
372	0.4639	-9.7257	0.0000
373	0.4639	-9.7257	0.0000
374	0.5419	-11.3616	0.0000
375	0.6200	-12.9974	0.0000
376	0.4650	-9.7478	0.0000
377	-28.9383	-32.7480	0.0000
378	210.0255	-17.5372	0.0000
379	0.4964	-10.4078	0.0000
380	0.3875	-8.1246	0.0000
381	0.4963	-10.4052	0.0000
382	0.6052	-12.6876	0.0000
383	0.4964	-10.4070	0.0000
384	0.3876	-8.1250	0.0000
385	0.4964	-10.4078	0.0000
386	0.3027	-6.3453	0.0000
387	0.5612	-11.7659	0.0000

STEP 1 CASE-2 SUB STEP 1

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
388	0.4365	-9.1515	0.0000
389	0.5612	-11.7659	0.0000
390	0.6859	-14.3804	0.0000
391	0.5612	-11.7659	0.0000
392	0.4365	-9.1515	0.0000
393	0.5612	-11.7659	0.0000
394	0.3430	-7.1902	0.0000
395	0.6414	-13.4468	0.0000
396	0.4989	-10.4588	0.0000
397	0.6414	-13.4468	0.0000
398	0.7839	-16.4347	0.0000
399	0.6414	-13.4468	0.0000
400	0.4989	-10.4588	0.0000
401	0.6414	-13.4468	0.0000
402	0.3920	-8.2173	0.0000
403	0.6959	-14.5897	0.0000
404	0.5413	-11.3479	0.0000
405	0.6959	-14.5897	0.0000
406	0.8903	-18.6647	0.0000
407	0.8267	-17.3315	0.0000
408	-31.5922	-41.1144	0.0000
409	261.4339	-26.2551	0.0000
410	1.4172	-29.7103	0.0000
411	1.1958	-25.0701	0.0000
412	1.4171	-29.7080	0.0000
413	0.5980	-12.5373	0.0000
414	1.6212	-33.9875	0.0000
415	1.3718	-28.7586	0.0000
416	1.6212	-33.9875	0.0000
417	0.6859	-14.3799	0.0000
418	1.8528	-38.8428	0.0000
419	1.5677	-32.8670	0.0000
420	1.8528	-38.8428	0.0000
421	0.7839	-16.4335	0.0000
422	2.0103	-42.1445	0.0000
423	1.3671	-28.6615	0.0000
424	-22.5509	-38.7623	0.0000
425	242.5633	-26.1571	0.0000
426	1.3064	-27.3885	0.0000
427	1.3064	-27.3870	0.0000
428	1.3064	-27.3878	0.0000
429	0.6533	-13.6962	0.0000
430	1.5206	-31.8790	0.0000
431	1.5206	-31.8790	0.0000
432	1.5206	-31.8790	0.0000
433	0.7603	-15.9396	0.0000
434	1.7379	-36.4332	0.0000
435	1.7379	-36.4332	0.0000
436	1.7379	-36.4332	0.0000
437	0.8689	-18.2166	0.0000
438	1.7756	-37.2245	0.0000
439	-2.8341	-25.8392	0.0000

JOINT ANALYSIS

STEP 1 CASE-2 PAGE 46

LOAD VECTOR SUB STEP 1

GRID	P(X)	P(Y)	P(MZ)
440	170.3304	-18.8488	0.0000
441	0.9940	-20.5778	0.0000
442	0.9938	-20.5755	0.0000
443	0.9940	-20.5778	0.0000
444	0.4970	-10.2902	0.0000
445	1.1731	-24.2840	0.0000
446	1.1731	-24.2840	0.0000
447	1.1731	-24.2840	0.0000
448	0.5865	-12.1420	0.0000
449	1.3406	-27.7531	0.0000
450	1.3406	-27.7531	0.0000
451	1.3406	-27.7531	0.0000
452	0.6703	-13.8766	0.0000
453	1.0349	-21.4677	0.0000
454	0.3270	-6.8110	0.0000
455	120.3951	-13.6428	0.0000
456	0.7901	-15.2309	0.0000
457	0.7900	-15.2306	0.0000
458	0.7901	-15.2309	0.0000
459	0.3950	-7.6148	0.0000
460	0.9437	-18.1916	0.0000
461	0.9437	-18.1916	0.0000
462	0.9437	-18.1916	0.0000
463	0.4719	-9.0958	0.0000
464	1.0786	-20.7905	0.0000
465	1.0786	-20.7905	0.0000
466	1.0786	-20.7905	0.0000
467	0.6593	-12.6269	0.0000
468	0.5139	-10.0324	0.0000
469	143.3841	-16.5634	0.0000
470	1.0650	-18.8019	0.0000
471	1.0650	-18.8019	0.0000
472	1.0650	-18.8019	0.0000
473	0.5325	-9.4007	0.0000
474	1.2863	-22.7040	0.0000
475	1.2863	-22.7040	0.0000
476	1.2863	-22.7040	0.0000
477	0.6431	-11.3520	0.0000
478	1.4700	-25.9475	0.0000
479	1.5211	-26.8136	0.0000
480	1.4658	-25.8767	0.0000
481	0.9640	-17.0534	0.0000
482	0.2842	-5.0165	0.0000
483	150.2466	-17.7884	0.0000
484	1.2744	-20.5930	0.0000
485	1.2744	-20.5924	0.0000
486	1.2744	-20.5924	0.0000
487	0.6372	-10.2965	0.0000
488	1.5589	-25.1835	0.0000
489	1.5589	-25.1835	0.0000
490	1.5589	-25.1835	0.0000
491	0.7794	-12.5918	0.0000

GRID	P(X)	P(Y)	P(MZ)
492	1.7816	-28.7811	0.0000
493	2.0518	-33.1065	0.0000
494	1.6647	-26.9664	0.0000
495	0.6679	-11.0354	0.0000
496	140.5311	-17.1617	0.0000
497	1.3748	-20.2725	0.0000
498	1.3746	-20.2708	0.0000
499	1.3746	-20.2701	0.0000
500	0.6874	-10.1360	0.0000
501	1.7048	-25.1348	0.0000
502	1.7048	-25.1348	0.0000
503	1.7048	-25.1348	0.0000
504	0.8524	-12.5675	0.0000
505	1.9484	-28.7255	0.0000
506	2.1966	-32.4493	0.0000
507	1.4119	-21.0086	0.0000
508	130.8139	-16.5093	0.0000
509	1.4717	-19.9507	0.0000
510	1.4719	-19.9532	0.0000
511	1.4717	-19.9507	0.0000
512	0.7358	-9.9741	0.0000
513	1.8508	-25.0862	0.0000
514	1.8508	-25.0862	0.0000
515	1.8508	-25.0862	0.0000
516	0.9254	-12.5431	0.0000
517	2.2534	-30.4702	0.0000
518	1.8025	-24.5699	0.0000
519	0.7602	-10.4336	0.0000
520	106.7808	-13.9390	0.0000
521	1.3598	-17.2204	0.0000
522	1.3601	-17.2235	0.0000
523	1.3601	-17.2229	0.0000
524	0.6799	-8.6102	0.0000
525	1.7327	-21.9384	0.0000
526	1.7327	-21.9384	0.0000
527	1.7327	-21.9384	0.0000
528	1.0462	-13.1643	0.0000
529	1.0817	-13.7223	0.0000
530	1.3498	-17.0867	0.0000
531	1.1308	-14.4565	0.0000
532	85.5660	-11.5385	0.0000
533	1.2272	-14.5822	0.0000
534	1.2274	-14.5845	0.0000
535	1.2274	-14.5845	0.0000
536	0.6137	-7.2917	0.0000
537	1.5824	-18.8012	0.0000
538	1.5824	-18.8012	0.0000
539	1.5824	-18.8012	0.0000
540	1.2551	-14.8835	0.0000
541	0.6532	-7.6749	0.0000
542	0.8702	-10.4111	0.0000
543	0.4110	-4.9267	0.0000

JOINT ANALYSIS

STEP 1 CASE-2

LOAD VECTOR

GRID	P(X)	P(Y)	P(MZ)
544	93.6721	-13.1413	0.0000
545	1.5166	-16.9644	0.0000
546	1.5166	-16.9649	0.0000
547	1.5166	-16.9649	0.0000
548	0.7582	-8.4814	0.0000
549	1.9796	-22.1404	0.0000
550	1.9796	-22.1404	0.0000
551	1.9795	-22.1399	0.0000
552	1.6826	-18.8188	0.0000
553	1.1547	-12.9149	0.0000
554	0.4619	-6.8540	0.0000
555	98.6668	-14.5363	0.0000
556	1.8224	-19.2462	0.0000
557	1.8225	-19.2469	0.0000
558	1.8225	-19.2469	0.0000
559	0.9112	-9.6229	0.0000
560	2.4120	-25.4692	0.0000
561	2.4120	-25.4692	0.0000
562	2.4118	-25.4667	0.0000
563	1.9049	-20.1626	0.0000
564	0.9716	-10.4033	0.0000
565	75.7021	-11.7562	0.0000
566	1.6010	-16.0213	0.0000
567	1.6012	-16.0234	0.0000
568	1.6013	-16.0238	0.0000
569	0.8005	-8.0109	0.0000
570	2.1480	-21.4921	0.0000
571	2.1480	-21.4921	0.0000
572	2.0751	-20.7848	0.0000
573	1.2913	-13.0073	0.0000
574	56.2834	-9.2405	0.0000
575	1.3577	-12.9094	0.0000
576	1.3578	-12.9098	0.0000
577	1.3580	-12.9115	0.0000
578	0.6790	-6.4556	0.0000
579	1.8438	-17.5298	0.0000
580	1.8490	-17.5782	0.0000
581	1.3953	-13.2935	0.0000
582	0.4682	-4.4802	0.0000
583	54.6345	-9.4462	0.0000
584	1.4921	-13.5973	0.0000
585	1.4921	-13.5973	0.0000
586	1.4922	-13.5978	0.0000
587	0.7461	-6.7989	0.0000
588	2.0490	-18.6704	0.0000
589	1.9764	-18.0262	0.0000
590	1.1137	-10.1992	0.0000
591	52.0650	-9.5908	0.0000
592	1.6300	-14.2617	0.0000
593	1.6300	-14.2617	0.0000
594	1.6300	-14.2617	0.0000
595	0.8150	-7.1308	0.0000

GRID	P(X)	P(Y)	P(MZ)
596	2.2520	-19.7046	0.0000
597	1.6771	-14.7106	0.0000
598	0.5572	-4.9099	0.0000
599	37.3534	-1.8627	0.0000
600	1.3538	-11.4515	0.0000
601	1.3340	-11.2877	0.0000
602	1.3819	-11.6848	0.0000
603	0.7149	-6.0409	0.0000
604	1.7368	-14.7125	0.0000
605	1.0362	-8.7967	0.0000
606	33.2629	5.3554	0.0000
607	1.6502	-12.8234	0.0000
608	1.4412	-11.2226	0.0000
609	1.8001	-13.9936	0.0000
610	1.3719	-10.5800	0.0000
611	1.0461	-8.2608	0.0000
612	0.5228	-4.1265	0.0000
613	29.9040	2.3904	0.0000
614	2.0210	-14.3799	0.0000
615	1.5673	-11.1806	0.0000
616	2.0096	-14.3356	0.0000
617	1.7698	-12.5957	0.0000
618	0.5438	-5.9358	0.0000
619	29.6087	-7.9573	0.0000
620	3.0196	-18.1707	0.0000
621	2.1291	-12.8219	0.0000
622	2.6658	-16.0690	0.0000
623	2.0495	-12.4125	0.0000
624	0.4483	-2.7546	0.0000
625	32.3065	-16.0013	0.0000
626	4.6278	-24.6048	0.0000
627	3.2364	-17.2071	0.0000
628	3.6526	-19.5078	0.0000
629	2.2789	-12.3196	0.0000
630	22.9961	-15.8495	0.0000
631	5.3278	-24.3714	0.0000
632	3.7260	-17.0439	0.0000
633	3.4259	-15.7474	0.0000
634	1.5629	-7.2254	0.0000
635	13.6783	-15.7003	0.0000
636	6.0165	-24.1419	0.0000
637	4.2076	-16.8834	0.0000
638	3.2767	-13.1810	0.0000
639	1.1729	-4.7392	0.0000
640	5.8922	-15.2429	0.0000
641	6.5575	-23.4387	0.0000
642	4.5859	-16.3916	0.0000
643	3.3299	-11.9090	0.0000
644	1.0369	-3.7132	0.0000
645	2.1962	-7.4300	0.0000
646	3.3771	-11.4251	0.0000
647	2.3618	-7.9900	0.0000

JOINT ANALYSIS

STEP 1 CASE-2 PAGE 50

LOAD VECTOR SUB STEP 1

GRID	P(X)	P(Y)	P(MZ)
648	1.6973	-5.7422	0.0000
649	0.5165	-1.7472	0.0000
1250	0.0936	-1.9613	0.0000
1290	0.1871	-3.9216	0.0000
1322	0.1870	-3.9207	0.0000
1354	0.1871	-3.9216	0.0000
1386	0.3430	-7.1902	0.0000
1413	0.6859	-14.3793	0.0000
1429	0.7603	-15.9396	0.0000
1444	0.5865	-12.1420	0.0000
1459	0.4719	-9.0958	0.0000
1473	0.6431	-11.3520	0.0000
1487	0.7794	-12.5918	0.0000
1500	0.8524	-12.5675	0.0000
1512	0.9254	-12.5431	0.0000
1524	0.8663	-10.9692	0.0000
1536	0.7912	-9.4007	0.0000
1548	0.9898	-11.0699	0.0000
1559	1.2059	-12.7333	0.0000
1569	1.0740	-10.7457	0.0000
1578	0.9219	-8.7649	0.0000
1587	1.0245	-9.3352	0.0000
1595	1.1320	-9.9039	0.0000
1603	0.8873	-7.5162	0.0000
1610	0.5233	-4.1343	0.0000
1618	0.5270	-1.8747	0.0000
1258	0.1069	-2.2416	0.0000
1298	0.2138	-4.4818	0.0000
1330	0.2137	-4.4807	0.0000
1362	0.2138	-4.4818	0.0000
1394	0.3920	-8.2173	0.0000
1417	0.7839	-16.4335	0.0000
1433	0.8689	-18.2166	0.0000
1448	0.6703	-13.8766	0.0000
1463	0.5393	-10.3952	0.0000
1477	0.7350	-12.9737	0.0000
1491	0.8908	-14.3906	0.0000
1504	0.9742	-14.3628	0.0000
1516	0.9866	-13.4100	0.0000
1528	0.5875	-7.5058	0.0000
1541	0.6391	-7.6796	0.0000
1554	0.3311	-2.1446	0.0000
1266	0.1160	-2.4320	0.0000
1306	0.2320	-4.8628	0.0000
1338	0.2319	-4.8616	0.0000
1370	0.2320	-4.8628	0.0000
1402	0.4253	-8.9158	0.0000
1421	0.8505	-17.8303	0.0000
1437	0.9373	-19.6509	0.0000
1452	0.7079	-14.6567	0.0000
1467	0.4568	-8.8780	0.0000
1482	0.2168	-4.0324	0.0000

STEP	TIMES	RESIDUAL FORCE	DISPLACEMENT		
1	0	1.000000E+00	1.000000E+00	4.071532E+03	4.071532E+03
1	1	2.085336E-01	1.017363E+00	8.490515E+02	4.071532E+03
1	2	7.297438E-01	9.874133E-02	2.971176E+03	4.071532E+03
1	3	3.395023E-01	3.294878E-01	1.382295E+03	4.071532E+03
1	4	2.621307E-01	2.853847E-02	1.067274E+03	4.071532E+03
1	5	4.810834E-01	1.343111E-01	1.958747E+03	4.071532E+03
1	6	8.380048E-01	3.756560E-01	3.411964E+03	4.071532E+03
1	7	2.054730E-01	2.392316E-02	8.365901E+02	4.071532E+03
1	8	2.074343E-01	9.685139E-02	8.445756E+02	4.071532E+03
1	9	1.070774E-01	1.825436E-01	4.359692E+02	4.071532E+03
1	10	1.206945E-01	1.900973E-03	4.914116E+02	4.071532E+03

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

SUPPORT REACTION FORCE

GRID	LOCAL	REACTION(X)	REACTION(Y)	REACTION(Z)	REACTION(MX)	REACTION(MY)	REACTION(MZ)
1	0	782.072727	2104.161134	0.000000	0.000000	0.000000	0.000000
2	0	-139.512933	3755.139228	0.000000	0.000000	0.000000	0.000000
3	0	-209.106886	2992.630373	0.000000	0.000000	0.000000	0.000000
4	0	-253.812179	2643.752144	0.000000	0.000000	0.000000	0.000000
5	0	-220.542542	1933.563612	0.000000	0.000000	0.000000	0.000000
6	0	-151.029461	1185.738897	0.000000	0.000000	0.000000	0.000000
7	0	-184.317803	1310.196350	0.000000	0.000000	0.000000	0.000000
8	0	-256.240005	1614.514233	0.000000	0.000000	0.000000	0.000000
9	0	-372.128158	1985.436653	0.000000	0.000000	0.000000	0.000000
10	0	-409.260998	1876.606481	0.000000	0.000000	0.000000	0.000000
11	0	-350.781008	1456.754841	0.000000	0.000000	0.000000	0.000000
12	0	-372.577997	1528.135616	0.000000	0.000000	0.000000	0.000000
13	0	-361.363896	1700.190759	0.000000	0.000000	0.000000	0.000000
14	0	-238.963429	1869.003364	0.000000	0.000000	0.000000	0.000000
15	0	-504.680752	993.423591	0.000000	0.000000	0.000000	0.000000
16	0	1280.759744	0.000000	0.000000	0.000000	0.000000	0.000000
30	0	-1075.556220	0.000000	0.000000	0.000000	0.000000	0.000000
31	0	825.165810	0.000000	0.000000	0.000000	0.000000	0.000000
45	0	-879.117574	0.000000	0.000000	0.000000	0.000000	0.000000
46	0	609.117935	0.000000	0.000000	0.000000	0.000000	0.000000
66	0	-675.954158	0.000000	0.000000	0.000000	0.000000	0.000000
67	0	464.253197	0.000000	0.000000	0.000000	0.000000	0.000000
87	0	-497.316537	0.000000	0.000000	0.000000	0.000000	0.000000
88	0	271.889515	0.000000	0.000000	0.000000	0.000000	0.000000
120	0	-275.976326	0.000000	0.000000	0.000000	0.000000	0.000000
121	0	219.696954	0.000000	0.000000	0.000000	0.000000	0.000000
153	0	-213.251143	0.000000	0.000000	0.000000	0.000000	0.000000
232	0	113.678154	0.000000	0.000000	0.000000	0.000000	0.000000
281	0	-96.323197	0.000000	0.000000	0.000000	0.000000	0.000000
TOTAL REACTION (IN GLOBAL)		-3171.179167	28949.247274	0.000000	0.000000	0.000000	0.000000

JOINT ANALYSIS

STEP 1 CASE-2 変位 PAGE 52

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL) SUB STEP 1

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
1	0.000000	0.000000	0.000000	0.000000
2	0.000000	0.000000	0.000000	0.000000
3	0.000000	0.000000	0.000000	0.000000
4	0.000000	0.000000	0.000000	0.000000
5	0.000000	0.000000	0.000000	0.000000
6	0.000000	0.000000	0.000000	0.000000
7	0.000000	0.000000	0.000000	0.000000
8	0.000000	0.000000	0.000000	0.000000
9	0.000000	0.000000	0.000000	0.000000
10	0.000000	0.000000	0.000000	0.000000
11	0.000000	0.000000	0.000000	0.000000
12	0.000000	0.000000	0.000000	0.000000
13	0.000000	0.000000	0.000000	0.000000
14	0.000000	0.000000	0.000000	0.000000
15	0.000000	0.000000	0.000000	0.000000
16	0.000000	-0.003066	0.000000	-0.003066
17	0.000339	-0.003034	0.000339	-0.003034
18	0.000601	-0.002958	0.000601	-0.002958
19	0.000796	-0.002862	0.000796	-0.002862
20	0.000959	-0.002756	0.000959	-0.002756
21	0.001031	-0.002711	0.001031	-0.002711
22	0.001092	-0.002672	0.001092	-0.002672
23	0.001180	-0.002609	0.001180	-0.002609
24	0.001279	-0.002500	0.001279	-0.002500
25	0.001353	-0.002236	0.001353	-0.002236
26	0.001323	-0.001982	0.001323	-0.001982
27	0.001198	-0.001724	0.001198	-0.001724
28	0.000926	-0.001448	0.000926	-0.001448
29	0.000524	-0.001255	0.000524	-0.001255
30	0.000000	-0.001180	0.000000	-0.001180
31	0.000000	-0.005646	0.000000	-0.005646
32	0.000518	-0.005594	0.000518	-0.005594
33	0.000940	-0.005460	0.000940	-0.005460
34	0.001279	-0.005267	0.001279	-0.005267
35	0.001560	-0.005032	0.001560	-0.005032
36	0.001670	-0.004935	0.001670	-0.004935
37	0.001754	-0.004868	0.001754	-0.004868
38	0.001872	-0.004788	0.001872	-0.004788
39	0.002021	-0.004624	0.002021	-0.004624
40	0.002136	-0.004057	0.002136	-0.004057
41	0.002027	-0.003444	0.002027	-0.003444
42	0.001766	-0.002884	0.001766	-0.002884
43	0.001302	-0.002357	0.001302	-0.002357
44	0.000713	-0.002027	0.000713	-0.002027
45	0.000000	-0.001908	0.000000	-0.001908
46	0.000000	-0.007309	0.000000	-0.007309
47	0.000580	-0.007252	0.000580	-0.007252
48	0.001076	-0.007096	0.001076	-0.007096
49	0.001513	-0.006849	0.001513	-0.006849
50	0.001910	-0.006498	0.001910	-0.006498
51	0.002052	-0.006333	0.002052	-0.006333
52	0.002145	-0.006244	0.002145	-0.006244

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
53	0.002182	-0.006220	0.002182	-0.006220
54	0.002219	-0.006204	0.002219	-0.006204
55	0.002265	-0.006188	0.002265	-0.006188
56	0.002311	-0.006161	0.002311	-0.006161
57	0.002376	-0.006114	0.002376	-0.006114
58	0.002433	-0.006031	0.002433	-0.006031
59	0.002495	-0.005875	0.002495	-0.005875
60	0.002564	-0.005573	0.002564	-0.005573
61	0.002549	-0.005202	0.002549	-0.005202
62	0.002333	-0.004250	0.002333	-0.004250
63	0.001930	-0.003473	0.001930	-0.003473
64	0.001357	-0.002825	0.001357	-0.002825
65	0.000723	-0.002449	0.000723	-0.002449
66	0.000000	-0.002318	0.000000	-0.002318
67	0.000000	-0.008990	0.000000	-0.008990
68	0.000598	-0.008934	0.000598	-0.008934
69	0.001128	-0.008780	0.001128	-0.008780
70	0.001646	-0.008508	0.001646	-0.008508
71	0.002222	-0.008050	0.002222	-0.008050
72	0.002484	-0.007732	0.002484	-0.007732
73	0.002621	-0.007588	0.002621	-0.007588
74	0.002673	-0.007584	0.002673	-0.007584
75	0.002730	-0.007608	0.002730	-0.007608
76	0.002788	-0.007627	0.002788	-0.007627
77	0.002842	-0.007638	0.002842	-0.007638
78	0.002888	-0.007622	0.002888	-0.007622
79	0.002931	-0.007557	0.002931	-0.007557
80	0.002970	-0.007412	0.002970	-0.007412
81	0.002996	-0.006986	0.002996	-0.006986
82	0.002928	-0.006270	0.002928	-0.006270
83	0.002402	-0.004855	0.002402	-0.004855
84	0.001855	-0.003935	0.001855	-0.003935
85	0.001249	-0.003238	0.001249	-0.003238
86	0.000658	-0.002856	0.000658	-0.002856
87	0.000000	-0.002725	0.000000	-0.002725
88	0.000000	-0.009894	0.000000	-0.009894
89	0.000591	-0.009841	0.000591	-0.009841
90	0.001112	-0.009694	0.001112	-0.009694
91	0.001639	-0.009434	0.001639	-0.009434
92	0.002329	-0.008943	0.002329	-0.008943
93	0.002545	-0.008746	0.002545	-0.008746
94	0.002728	-0.008540	0.002728	-0.008540
95	0.002888	-0.008341	0.002888	-0.008341
96	0.002967	-0.008291	0.002967	-0.008291
97	0.003015	-0.008313	0.003015	-0.008313
98	0.003063	-0.008344	0.003063	-0.008344
99	0.003115	-0.008373	0.003115	-0.008373
100	0.003176	-0.008405	0.003176	-0.008405
101	0.003237	-0.008431	0.003237	-0.008431
102	0.003277	-0.008436	0.003277	-0.008436
103	0.003309	-0.008432	0.003309	-0.008432
104	0.003326	-0.008437	0.003326	-0.008437

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
105	0.003337	-0.008441	0.003337	-0.008441
106	0.003343	-0.008432	0.003343	-0.008432
107	0.003348	-0.008415	0.003348	-0.008415
108	0.003332	-0.008391	0.003332	-0.008391
109	0.003305	-0.008341	0.003305	-0.008341
110	0.003285	-0.008263	0.003285	-0.008263
111	0.003268	-0.008108	0.003268	-0.008108
112	0.003251	-0.007795	0.003251	-0.007795
113	0.003152	-0.007291	0.003152	-0.007291
114	0.002991	-0.006739	0.002991	-0.006739
115	0.002764	-0.006110	0.002764	-0.006110
116	0.002237	-0.005092	0.002237	-0.005092
117	0.001670	-0.004138	0.001670	-0.004138
118	0.001123	-0.003453	0.001123	-0.003453
119	0.000600	-0.003078	0.000600	-0.003078
120	0.000000	-0.002948	0.000000	-0.002948
121	0.000000	-0.010496	0.000000	-0.010496
122	0.000579	-0.010445	0.000579	-0.010445
123	0.001086	-0.010304	0.001086	-0.010304
124	0.001597	-0.010057	0.001597	-0.010057
125	0.002320	-0.009577	0.002320	-0.009577
126	0.002562	-0.009382	0.002562	-0.009382
127	0.002858	-0.009147	0.002858	-0.009147
128	0.003169	-0.008811	0.003169	-0.008811
129	0.003292	-0.008665	0.003292	-0.008665
130	0.003333	-0.008777	0.003333	-0.008777
131	0.003435	-0.008960	0.003435	-0.008960
132	0.003581	-0.009058	0.003581	-0.009058
133	0.003703	-0.009020	0.003703	-0.009020
134	0.003742	-0.008950	0.003742	-0.008950
135	0.003760	-0.008985	0.003760	-0.008985
136	0.003814	-0.009022	0.003814	-0.009022
137	0.003856	-0.008946	0.003856	-0.008946
138	0.003808	-0.008880	0.003808	-0.008880
139	0.003765	-0.008977	0.003765	-0.008977
140	0.003790	-0.009051	0.003790	-0.009051
141	0.003808	-0.008921	0.003808	-0.008921
142	0.003698	-0.008769	0.003698	-0.008769
143	0.003575	-0.008811	0.003575	-0.008811
144	0.003500	-0.008821	0.003500	-0.008821
145	0.003424	-0.008403	0.003424	-0.008403
146	0.003217	-0.007646	0.003217	-0.007646
147	0.002913	-0.006934	0.002913	-0.006934
148	0.002525	-0.006217	0.002525	-0.006217
149	0.002005	-0.005210	0.002005	-0.005210
150	0.001488	-0.004272	0.001488	-0.004272
151	0.001022	-0.003600	0.001022	-0.003600
152	0.000556	-0.003229	0.000556	-0.003229
153	0.000000	-0.003101	0.000000	-0.003101
154	0.002528	-0.009724	0.002528	-0.009724
155	0.002845	-0.009480	0.002845	-0.009480
156	0.003054	-0.009312	0.003054	-0.009312

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
157	0.003272	-0.009121	0.003272	-0.009121
158	0.003442	-0.008919	0.003442	-0.008919
159	0.003544	-0.008782	0.003544	-0.008782
160	0.003564	-0.008841	0.003564	-0.008841
161	0.003600	-0.008976	0.003600	-0.008976
162	0.003638	-0.009150	0.003638	-0.009150
163	0.003701	-0.009345	0.003701	-0.009345
164	0.003805	-0.009515	0.003805	-0.009515
165	0.003915	-0.009603	0.003915	-0.009603
166	0.004037	-0.009552	0.004037	-0.009552
167	0.004130	-0.009347	0.004130	-0.009347
168	0.004105	-0.009124	0.004105	-0.009124
169	0.004058	-0.009063	0.004058	-0.009063
170	0.004028	-0.009134	0.004028	-0.009134
171	0.004015	-0.009260	0.004015	-0.009260
172	0.004057	-0.009384	0.004057	-0.009384
173	0.004118	-0.009454	0.004118	-0.009454
174	0.004195	-0.009399	0.004195	-0.009399
175	0.004250	-0.009195	0.004250	-0.009195
176	0.004180	-0.008980	0.004180	-0.008980
177	0.004098	-0.008955	0.004098	-0.008955
178	0.004035	-0.009075	0.004035	-0.009075
179	0.003995	-0.009249	0.003995	-0.009249
180	0.004018	-0.009415	0.004018	-0.009415
181	0.004066	-0.009515	0.004066	-0.009515
182	0.004135	-0.009452	0.004135	-0.009452
183	0.004184	-0.009185	0.004184	-0.009185
184	0.004077	-0.008902	0.004077	-0.008902
185	0.003960	-0.008840	0.003960	-0.008840
186	0.003864	-0.008932	0.003864	-0.008932
187	0.003794	-0.009066	0.003794	-0.009066
188	0.003762	-0.009201	0.003762	-0.009201
189	0.003728	-0.009232	0.003728	-0.009232
190	0.003524	-0.008719	0.003524	-0.008719
191	0.003126	-0.007727	0.003126	-0.007727
192	0.002704	-0.006953	0.002704	-0.006953
193	0.002325	-0.006256	0.002325	-0.006256
194	0.002810	-0.009659	0.002810	-0.009659
195	0.003013	-0.009498	0.003013	-0.009498
196	0.003270	-0.009308	0.003270	-0.009308
197	0.003545	-0.009060	0.003545	-0.009060
198	0.003727	-0.008773	0.003727	-0.008773
199	0.003771	-0.008852	0.003771	-0.008852
200	0.003819	-0.009056	0.003819	-0.009056
201	0.003886	-0.009308	0.003886	-0.009308
202	0.003957	-0.009568	0.003957	-0.009568
203	0.004025	-0.009797	0.004025	-0.009797
204	0.004103	-0.009949	0.004103	-0.009949
205	0.004202	-0.009996	0.004202	-0.009996
206	0.004350	-0.009505	0.004350	-0.009505
207	0.004256	-0.009011	0.004256	-0.009011
208	0.004220	-0.009062	0.004220	-0.009062

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
209	0.004210	-0.009201	0.004210	-0.009201
210	0.004219	-0.009395	0.004219	-0.009395
211	0.004236	-0.009588	0.004236	-0.009588
212	0.004272	-0.009724	0.004272	-0.009724
213	0.004334	-0.009773	0.004334	-0.009773
214	0.004449	-0.009306	0.004449	-0.009306
215	0.004323	-0.008854	0.004323	-0.008854
216	0.004257	-0.008950	0.004257	-0.008950
217	0.004222	-0.009138	0.004222	-0.009138
218	0.004205	-0.009384	0.004205	-0.009384
219	0.004197	-0.009625	0.004197	-0.009625
220	0.004209	-0.009794	0.004209	-0.009794
221	0.004255	-0.009856	0.004255	-0.009856
222	0.004365	-0.009310	0.004365	-0.009310
223	0.004194	-0.008768	0.004194	-0.008768
224	0.004099	-0.008845	0.004099	-0.008845
225	0.004047	-0.009007	0.004047	-0.009007
226	0.004015	-0.009206	0.004015	-0.009206
227	0.003973	-0.009404	0.003973	-0.009404
228	0.003909	-0.009465	0.003909	-0.009465
229	0.003557	-0.008857	0.003557	-0.008857
230	0.002982	-0.007717	0.002982	-0.007717
231	0.002540	-0.006950	0.002540	-0.006950
232	0.000000	-0.011098	0.000000	-0.011098
233	0.000564	-0.011049	0.000564	-0.011049
234	0.001051	-0.010912	0.001051	-0.010912
235	0.001528	-0.010681	0.001528	-0.010681
236	0.002220	-0.010224	0.002220	-0.010224
237	0.002456	-0.010060	0.002456	-0.010060
238	0.002758	-0.009832	0.002758	-0.009832
239	0.002948	-0.009688	0.002948	-0.009688
240	0.003192	-0.009501	0.003192	-0.009501
241	0.003448	-0.009313	0.003448	-0.009313
242	0.003997	-0.008753	0.003997	-0.008753
243	0.004150	-0.008844	0.004150	-0.008844
244	0.004258	-0.009148	0.004258	-0.009148
245	0.004329	-0.009468	0.004329	-0.009468
246	0.004381	-0.009786	0.004381	-0.009786
247	0.004420	-0.010077	0.004420	-0.010077
248	0.004458	-0.010320	0.004458	-0.010320
249	0.004512	-0.010450	0.004512	-0.010450
250	0.004772	-0.010705	0.004772	-0.010705
251	0.004541	-0.008900	0.004541	-0.008900
252	0.004532	-0.009030	0.004532	-0.009030
253	0.004539	-0.009265	0.004539	-0.009265
254	0.004549	-0.009528	0.004549	-0.009528
255	0.004556	-0.009789	0.004556	-0.009789
256	0.004566	-0.010018	0.004566	-0.010018
257	0.004591	-0.010142	0.004591	-0.010142
258	0.004822	-0.010361	0.004822	-0.010361
259	0.004576	-0.008757	0.004576	-0.008757
260	0.004556	-0.008923	0.004556	-0.008923

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
261	0.004544	-0.009205	0.004544	-0.009205
262	0.004531	-0.009519	0.004531	-0.009519
263	0.004510	-0.009828	0.004510	-0.009828
264	0.004489	-0.010095	0.004489	-0.010095
265	0.004478	-0.010226	0.004478	-0.010226
266	0.004713	-0.010405	0.004713	-0.010405
267	0.004406	-0.008681	0.004406	-0.008681
268	0.004369	-0.008834	0.004369	-0.008834
269	0.004350	-0.009103	0.004350	-0.009103
270	0.004337	-0.009366	0.004337	-0.009366
271	0.004301	-0.009617	0.004301	-0.009617
272	0.004207	-0.009701	0.004207	-0.009701
273	0.003554	-0.008945	0.003554	-0.008945
274	0.002676	-0.007663	0.002676	-0.007663
275	0.002374	-0.006968	0.002374	-0.006968
276	0.002080	-0.006302	0.002080	-0.006302
277	0.001649	-0.005318	0.001649	-0.005318
278	0.001278	-0.004417	0.001278	-0.004417
279	0.000911	-0.003753	0.000911	-0.003753
280	0.000511	-0.003385	0.000511	-0.003385
281	0.000000	-0.003256	0.000000	-0.003256
282	0.005750	-0.007872	0.005750	-0.007872
283	0.005386	-0.008725	0.005386	-0.008725
284	0.005283	-0.009244	0.005283	-0.009244
285	0.005252	-0.009734	0.005252	-0.009734
286	0.005252	-0.010199	0.005252	-0.010199
287	0.005274	-0.010648	0.005274	-0.010648
288	0.005332	-0.011084	0.005332	-0.011084
289	0.005486	-0.011570	0.005486	-0.011570
290	0.005767	-0.012277	0.005767	-0.012277
291	0.005466	-0.008433	0.005466	-0.008433
292	0.005318	-0.008924	0.005318	-0.008924
293	0.005270	-0.009357	0.005270	-0.009357
294	0.005256	-0.009786	0.005256	-0.009786
295	0.005263	-0.010212	0.005263	-0.010212
296	0.005303	-0.010633	0.005303	-0.010633
297	0.005436	-0.011096	0.005436	-0.011096
298	0.005709	-0.011779	0.005709	-0.011779
299	0.005397	-0.008358	0.005397	-0.008358
300	0.005259	-0.008859	0.005259	-0.008859
301	0.005214	-0.009328	0.005214	-0.009328
302	0.005190	-0.009800	0.005190	-0.009800
303	0.005175	-0.010268	0.005175	-0.010268
304	0.005181	-0.010729	0.005181	-0.010729
305	0.005288	-0.011217	0.005288	-0.011217
306	0.005580	-0.011946	0.005580	-0.011946
307	0.005185	-0.008293	0.005185	-0.008293
308	0.005024	-0.008833	0.005024	-0.008833
309	0.004999	-0.009323	0.004999	-0.009323
310	0.005016	-0.009747	0.005016	-0.009747
311	0.005036	-0.010132	0.005036	-0.010132
312	0.004968	-0.010212	0.004968	-0.010212

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
313	0.004730	-0.009715	0.004730	-0.009715
314	0.007108	-0.007455	0.007108	-0.007455
315	0.006831	-0.008453	0.006831	-0.008453
316	0.006617	-0.009265	0.006617	-0.009265
317	0.006506	-0.009951	0.006506	-0.009951
318	0.006461	-0.010590	0.006461	-0.010590
319	0.006469	-0.011216	0.006469	-0.011216
320	0.006541	-0.011874	0.006541	-0.011874
321	0.006692	-0.012627	0.006692	-0.012627
322	0.006917	-0.013543	0.006917	-0.013543
323	0.006634	-0.007964	0.006634	-0.007964
324	0.006440	-0.008747	0.006440	-0.008747
325	0.006336	-0.009410	0.006336	-0.009410
326	0.006296	-0.010022	0.006296	-0.010022
327	0.006301	-0.010629	0.006301	-0.010629
328	0.006366	-0.011272	0.006366	-0.011272
329	0.006517	-0.012014	0.006517	-0.012014
330	0.006753	-0.012933	0.006753	-0.012933
331	0.006465	-0.007938	0.006465	-0.007938
332	0.006285	-0.008738	0.006285	-0.008738
333	0.006199	-0.009425	0.006199	-0.009425
334	0.006166	-0.010067	0.006166	-0.010067
335	0.006162	-0.010706	0.006162	-0.010706
336	0.006207	-0.011392	0.006207	-0.011392
337	0.006350	-0.012196	0.006350	-0.012196
338	0.006606	-0.013223	0.006606	-0.013223
339	0.006223	-0.007861	0.006223	-0.007861
340	0.006009	-0.008785	0.006009	-0.008785
341	0.005948	-0.009551	0.005948	-0.009551
342	0.005961	-0.010156	0.005961	-0.010156
343	0.005984	-0.010680	0.005984	-0.010680
344	0.005947	-0.010806	0.005947	-0.010806
345	0.005817	-0.010498	0.005817	-0.010498
346	0.008567	-0.007189	0.008567	-0.007189
347	0.008310	-0.008293	0.008310	-0.008293
348	0.008109	-0.009277	0.008109	-0.009277
349	0.007980	-0.010158	0.007980	-0.010158
350	0.007919	-0.010962	0.007919	-0.010962
351	0.007907	-0.011758	0.007907	-0.011758
352	0.007957	-0.012615	0.007957	-0.012615
353	0.008080	-0.013565	0.008080	-0.013565
354	0.008256	-0.014635	0.008256	-0.014635
355	0.007988	-0.007559	0.007988	-0.007559
356	0.007784	-0.008564	0.007784	-0.008564
357	0.007662	-0.009444	0.007662	-0.009444
358	0.007607	-0.010236	0.007607	-0.010236
359	0.007599	-0.011019	0.007599	-0.011019
360	0.007654	-0.011874	0.007654	-0.011874
361	0.007788	-0.012834	0.007788	-0.012834
362	0.007987	-0.013935	0.007987	-0.013935
363	0.007725	-0.007569	0.007725	-0.007569
364	0.007543	-0.008608	0.007543	-0.008608

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
365	0.007449	-0.009512	0.007449	-0.009512
366	0.007416	-0.010323	0.007416	-0.010323
367	0.007425	-0.011132	0.007425	-0.011132
368	0.007488	-0.012032	0.007488	-0.012032
369	0.007622	-0.013088	0.007622	-0.013088
370	0.007845	-0.014354	0.007845	-0.014354
371	0.007476	-0.007455	0.007476	-0.007455
372	0.007256	-0.008737	0.007256	-0.008737
373	0.007184	-0.009797	0.007184	-0.009797
374	0.007179	-0.010587	0.007179	-0.010587
375	0.007171	-0.011270	0.007171	-0.011270
376	0.007109	-0.011454	0.007109	-0.011454
377	0.007020	-0.011304	0.007020	-0.011304
378	0.010112	-0.007012	0.010112	-0.007012
379	0.009901	-0.008225	0.009901	-0.008225
380	0.009752	-0.009346	0.009752	-0.009346
381	0.009611	-0.010378	0.009611	-0.010378
382	0.009516	-0.011323	0.009516	-0.011323
383	0.009521	-0.012260	0.009521	-0.012260
384	0.009571	-0.013279	0.009571	-0.013279
385	0.009626	-0.014386	0.009626	-0.014386
386	0.009745	-0.015593	0.009745	-0.015593
387	0.009510	-0.007226	0.009510	-0.007226
388	0.009348	-0.008408	0.009348	-0.008408
389	0.009189	-0.009471	0.009189	-0.009471
390	0.009086	-0.010432	0.009086	-0.010432
391	0.009104	-0.011373	0.009104	-0.011373
392	0.009166	-0.012404	0.009166	-0.012404
393	0.009231	-0.013549	0.009231	-0.013549
394	0.009376	-0.014819	0.009376	-0.014819
395	0.009154	-0.007267	0.009154	-0.007267
396	0.009032	-0.008507	0.009032	-0.008507
397	0.008913	-0.009596	0.008913	-0.009596
398	0.008850	-0.010571	0.008850	-0.010571
399	0.008904	-0.011546	0.008904	-0.011546
400	0.009025	-0.012629	0.009025	-0.012629
401	0.009139	-0.013863	0.009139	-0.013863
402	0.009266	-0.015363	0.009266	-0.015363
403	0.008933	-0.007100	0.008933	-0.007100
404	0.008844	-0.008755	0.008844	-0.008755
405	0.008723	-0.010055	0.008723	-0.010055
406	0.008620	-0.011053	0.008620	-0.011053
407	0.008656	-0.011902	0.008656	-0.011902
408	0.008500	-0.012161	0.008500	-0.012161
409	0.013555	-0.007019	0.013555	-0.007019
410	0.013230	-0.009617	0.013230	-0.009617
411	0.013078	-0.012016	0.013078	-0.012016
412	0.013030	-0.014418	0.013030	-0.014418
413	0.013155	-0.017018	0.013155	-0.017018
414	0.012737	-0.008204	0.012737	-0.008204
415	0.012539	-0.010747	0.012539	-0.010747
416	0.012466	-0.013280	0.012466	-0.013280

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
417	0.012626	-0.016081	0.012626	-0.016081
418	0.012258	-0.008410	0.012258	-0.008410
419	0.012244	-0.011092	0.012244	-0.011092
420	0.012442	-0.013666	0.012442	-0.013666
421	0.012961	-0.016774	0.012961	-0.016774
422	0.012640	-0.008995	0.012640	-0.008995
423	0.012651	-0.012212	0.012651	-0.012212
424	0.012449	-0.013354	0.012449	-0.013354
425	0.017254	-0.007213	0.017254	-0.007213
426	0.017044	-0.010032	0.017044	-0.010032
427	0.016905	-0.012676	0.016905	-0.012676
428	0.016855	-0.015321	0.016855	-0.015321
429	0.016864	-0.018157	0.016864	-0.018157
430	0.016562	-0.008102	0.016562	-0.008102
431	0.016336	-0.010995	0.016336	-0.010995
432	0.016223	-0.013882	0.016223	-0.013882
433	0.016200	-0.017053	0.016200	-0.017053
434	0.015918	-0.008410	0.015918	-0.008410
435	0.015858	-0.011624	0.015858	-0.011624
436	0.016113	-0.014611	0.016113	-0.014611
437	0.016414	-0.017747	0.016414	-0.017747
438	0.018529	-0.009611	0.018529	-0.009611
439	0.018211	-0.013749	0.018211	-0.013749
440	0.021282	-0.007666	0.021282	-0.007666
441	0.021127	-0.010562	0.021127	-0.010562
442	0.021020	-0.013315	0.021020	-0.013315
443	0.020959	-0.016069	0.020959	-0.016069
444	0.020937	-0.018973	0.020937	-0.018973
445	0.020704	-0.008106	0.020704	-0.008106
446	0.020512	-0.011175	0.020512	-0.011175
447	0.020351	-0.014257	0.020351	-0.014257
448	0.020234	-0.017645	0.020234	-0.017645
449	0.019931	-0.008460	0.019931	-0.008460
450	0.019768	-0.012099	0.019768	-0.012099
451	0.019693	-0.015450	0.019693	-0.015450
452	0.019747	-0.018129	0.019747	-0.018129
453	0.026844	-0.010299	0.026844	-0.010299
454	0.026604	-0.012298	0.026604	-0.012298
455	0.023313	-0.007962	0.023313	-0.007962
456	0.023191	-0.010854	0.023191	-0.010854
457	0.023095	-0.013619	0.023095	-0.013619
458	0.023033	-0.016382	0.023033	-0.016382
459	0.022985	-0.019269	0.022985	-0.019269
460	0.022811	-0.008150	0.022811	-0.008150
461	0.022652	-0.011245	0.022652	-0.011245
462	0.022498	-0.014352	0.022498	-0.014352
463	0.022335	-0.017805	0.022335	-0.017805
464	0.022052	-0.008505	0.022052	-0.008505
465	0.021878	-0.012296	0.021878	-0.012296
466	0.021594	-0.015746	0.021594	-0.015746
467	0.020245	-0.017988	0.020245	-0.017988
468	0.031516	-0.010487	0.031516	-0.010487

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
469	0.025839	-0.008387	0.025839	-0.008387
470	0.025741	-0.011235	0.025741	-0.011235
471	0.025657	-0.013981	0.025657	-0.013981
472	0.025590	-0.016719	0.025590	-0.016719
473	0.025526	-0.019547	0.025526	-0.019547
474	0.025408	-0.008246	0.025408	-0.008246
475	0.025305	-0.011337	0.025305	-0.011337
476	0.025217	-0.014406	0.025217	-0.014406
477	0.025052	-0.017858	0.025052	-0.017858
478	0.024840	-0.008598	0.024840	-0.008598
479	0.024712	-0.012584	0.024712	-0.012584
480	0.024334	-0.015876	0.024334	-0.015876
481	0.024146	-0.018886	0.024146	-0.018886
482	0.024146	-0.021510	0.024146	-0.021510
483	0.028922	-0.008965	0.028922	-0.008965
484	0.028846	-0.011721	0.028846	-0.011721
485	0.028767	-0.014403	0.028767	-0.014403
486	0.028690	-0.017070	0.028690	-0.017070
487	0.028604	-0.019780	0.028604	-0.019780
488	0.028526	-0.008417	0.028526	-0.008417
489	0.028484	-0.011469	0.028484	-0.011469
490	0.028499	-0.014455	0.028499	-0.014455
491	0.028565	-0.017673	0.028565	-0.017673
492	0.028716	-0.008872	0.028716	-0.008872
493	0.028676	-0.012994	0.028676	-0.012994
494	0.028505	-0.017670	0.028505	-0.017670
495	0.028467	-0.019544	0.028467	-0.019544
496	0.031893	-0.009568	0.031893	-0.009568
497	0.031830	-0.012203	0.031830	-0.012203
498	0.031747	-0.014785	0.031747	-0.014785
499	0.031648	-0.017347	0.031648	-0.017347
500	0.031526	-0.019912	0.031526	-0.019912
501	0.031429	-0.008605	0.031429	-0.008605
502	0.031376	-0.011619	0.031376	-0.011619
503	0.031403	-0.014464	0.031403	-0.014464
504	0.031279	-0.017243	0.031279	-0.017243
505	0.033195	-0.009301	0.033195	-0.009301
506	0.033130	-0.013469	0.033130	-0.013469
507	0.032797	-0.018412	0.032797	-0.018412
508	0.034744	-0.010166	0.034744	-0.010166
509	0.034688	-0.012664	0.034688	-0.012664
510	0.034593	-0.015118	0.034593	-0.015118
511	0.034459	-0.017552	0.034459	-0.017552
512	0.034288	-0.019973	0.034288	-0.019973
513	0.034110	-0.008751	0.034110	-0.008751
514	0.033926	-0.011726	0.033926	-0.011726
515	0.033797	-0.014458	0.033797	-0.014458
516	0.033714	-0.016595	0.033714	-0.016595
517	0.038322	-0.009798	0.038322	-0.009798
518	0.037881	-0.013878	0.037881	-0.013878
519	0.037644	-0.016859	0.037644	-0.016859
520	0.037480	-0.010752	0.037480	-0.010752

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
521	0.037433	-0.013104	0.037433	-0.013104
522	0.037327	-0.015397	0.037327	-0.015397
523	0.037157	-0.017679	0.037157	-0.017679
524	0.036935	-0.019974	0.036935	-0.019974
525	0.036657	-0.008820	0.036657	-0.008820
526	0.036312	-0.011707	0.036312	-0.011707
527	0.035774	-0.014372	0.035774	-0.014372
528	0.034568	-0.015629	0.034568	-0.015629
529	0.043683	-0.008321	0.043683	-0.008321
530	0.043191	-0.010895	0.043191	-0.010895
531	0.042707	-0.014913	0.042707	-0.014913
532	0.039465	-0.011200	0.039465	-0.011200
533	0.039431	-0.013423	0.039431	-0.013423
534	0.039325	-0.015570	0.039325	-0.015570
535	0.039136	-0.017720	0.039136	-0.017720
536	0.038886	-0.019929	0.038886	-0.019929
537	0.038562	-0.008817	0.038562	-0.008817
538	0.038171	-0.011666	0.038171	-0.011666
539	0.037566	-0.014108	0.037566	-0.014108
540	0.037105	-0.016107	0.037105	-0.016107
541	0.036823	-0.018117	0.036823	-0.018117
542	0.046579	-0.011007	0.046579	-0.011007
543	0.046478	-0.013085	0.046478	-0.013085
544	0.041371	-0.011670	0.041371	-0.011670
545	0.041359	-0.013741	0.041359	-0.013741
546	0.041271	-0.015716	0.041271	-0.015716
547	0.041084	-0.017710	0.041084	-0.017710
548	0.040823	-0.019831	0.040823	-0.019831
549	0.040503	-0.008803	0.040503	-0.008803
550	0.040161	-0.011630	0.040161	-0.011630
551	0.039828	-0.014159	0.039828	-0.014159
552	0.039632	-0.016512	0.039632	-0.016512
553	0.039596	-0.018477	0.039596	-0.018477
554	0.039573	-0.020769	0.039573	-0.020769
555	0.043768	-0.012368	0.043768	-0.012368
556	0.043795	-0.014186	0.043795	-0.014186
557	0.043763	-0.015906	0.043763	-0.015906
558	0.043663	-0.017630	0.043663	-0.017630
559	0.043445	-0.019573	0.043445	-0.019573
560	0.043238	-0.008822	0.043238	-0.008822
561	0.043112	-0.011754	0.043112	-0.011754
562	0.043009	-0.014440	0.043009	-0.014440
563	0.042987	-0.017005	0.042987	-0.017005
564	0.042990	-0.018828	0.042990	-0.018828
565	0.045818	-0.013129	0.045818	-0.013129
566	0.045879	-0.014647	0.045879	-0.014647
567	0.045904	-0.016111	0.045904	-0.016111
568	0.045936	-0.017573	0.045936	-0.017573
569	0.046002	-0.019117	0.046002	-0.019117
570	0.046238	-0.009008	0.046238	-0.009008
571	0.046279	-0.012019	0.046279	-0.012019
572	0.046252	-0.014812	0.046252	-0.014812

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
573	0.046192	-0.017410	0.046192	-0.017410
574	0.046965	-0.013667	0.046965	-0.013667
575	0.047027	-0.014954	0.047027	-0.014954
576	0.047058	-0.016251	0.047058	-0.016251
577	0.047071	-0.017528	0.047071	-0.017528
578	0.046960	-0.018710	0.046960	-0.018710
579	0.048593	-0.009206	0.048593	-0.009206
580	0.048616	-0.012234	0.048616	-0.012234
581	0.048556	-0.015067	0.048556	-0.015067
582	0.048507	-0.016428	0.048507	-0.016428
583	0.047881	-0.014146	0.047881	-0.014146
584	0.047919	-0.015225	0.047919	-0.015225
585	0.047926	-0.016374	0.047926	-0.016374
586	0.047916	-0.017431	0.047916	-0.017431
587	0.047810	-0.018318	0.047810	-0.018318
588	0.051159	-0.009394	0.051159	-0.009394
589	0.051085	-0.012421	0.051085	-0.012421
590	0.050936	-0.015420	0.050936	-0.015420
591	0.048698	-0.014552	0.048698	-0.014552
592	0.048691	-0.015459	0.048691	-0.015459
593	0.048628	-0.016463	0.048628	-0.016463
594	0.048540	-0.017367	0.048540	-0.017367
595	0.048491	-0.017875	0.048491	-0.017875
596	0.054248	-0.009598	0.054248	-0.009598
597	0.053942	-0.012542	0.053942	-0.012542
598	0.053866	-0.014071	0.053866	-0.014071
599	0.049402	-0.014792	0.049402	-0.014792
600	0.049354	-0.015611	0.049354	-0.015611
601	0.049220	-0.016477	0.049220	-0.016477
602	0.048891	-0.017228	0.048891	-0.017228
603	0.048205	-0.017433	0.048205	-0.017433
604	0.057053	-0.009515	0.057053	-0.009515
605	0.056772	-0.012450	0.056772	-0.012450
606	0.049862	-0.014648	0.049862	-0.014648
607	0.049780	-0.015650	0.049780	-0.015650
608	0.049629	-0.016466	0.049629	-0.016466
609	0.049333	-0.017063	0.049333	-0.017063
610	0.049082	-0.018211	0.049082	-0.018211
611	0.058474	-0.009520	0.058474	-0.009520
612	0.058402	-0.011371	0.058402	-0.011371
613	0.050708	-0.014350	0.050708	-0.014350
614	0.050607	-0.015704	0.050607	-0.015704
615	0.050510	-0.016465	0.050510	-0.016465
616	0.050439	-0.017181	0.050439	-0.017181
617	0.050470	-0.018495	0.050470	-0.018495
618	0.050540	-0.019755	0.050540	-0.019755
619	0.051245	-0.014159	0.051245	-0.014159
620	0.051151	-0.015737	0.051151	-0.015737
621	0.051105	-0.016518	0.051105	-0.016518
622	0.051095	-0.017283	0.051095	-0.017283
623	0.051172	-0.018645	0.051172	-0.018645
624	0.051197	-0.019136	0.051197	-0.019136

JOINT ANALYSIS

STEP 1 CASE-2

SUB STEP 1

GRID POINT DISPLACEMENT (INCREMENT AND TOTAL)

GRID	X(INCREMENT)	Y(INCREMENT)	X(TOTAL)	Y(TOTAL)
625	0.052391	-0.014180	0.052391	-0.014180
626	0.052350	-0.015822	0.052350	-0.015822
627	0.052349	-0.016656	0.052349	-0.016656
628	0.052376	-0.017497	0.052376	-0.017497
629	0.052420	-0.018579	0.052420	-0.018579
630	0.053581	-0.014216	0.053581	-0.014216
631	0.053569	-0.015908	0.053569	-0.015908
632	0.053575	-0.016783	0.053575	-0.016783
633	0.053592	-0.017651	0.053592	-0.017651
634	0.053618	-0.018345	0.053618	-0.018345
635	0.054779	-0.014260	0.054779	-0.014260
636	0.054782	-0.015976	0.054782	-0.015976
637	0.054788	-0.016873	0.054788	-0.016873
638	0.054803	-0.017769	0.054803	-0.017769
639	0.054818	-0.018251	0.054818	-0.018251
640	0.055968	-0.014297	0.055968	-0.014297
641	0.055978	-0.016019	0.055978	-0.016019
642	0.055985	-0.016930	0.055985	-0.016930
643	0.055996	-0.017843	0.055996	-0.017843
644	0.056001	-0.018249	0.056001	-0.018249
645	0.057098	-0.014311	0.057098	-0.014311
646	0.057103	-0.016035	0.057103	-0.016035
647	0.057107	-0.016949	0.057107	-0.016949
648	0.057114	-0.017867	0.057114	-0.017867
649	0.057117	-0.018271	0.057117	-0.018271
1250	0.004770	-0.008651	0.004770	-0.008651
1290	0.005767	-0.007683	0.005767	-0.007683
1322	0.006916	-0.006970	0.006916	-0.006970
1354	0.008256	-0.006386	0.008256	-0.006386
1386	0.009744	-0.005897	0.009744	-0.005897
1413	0.013154	-0.005297	0.013154	-0.005297
1429	0.016863	-0.004886	0.016863	-0.004886
1444	0.020936	-0.004757	0.020936	-0.004757
1459	0.022985	-0.004792	0.022985	-0.004792
1473	0.025525	-0.004921	0.025525	-0.004921
1487	0.028603	-0.005175	0.028603	-0.005175
1500	0.031525	-0.005469	0.031525	-0.005469
1512	0.034287	-0.005718	0.034287	-0.005718
1524	0.036934	-0.005864	0.036934	-0.005864
1536	0.038885	-0.005902	0.038885	-0.005902
1548	0.040820	-0.005890	0.040820	-0.005890
1559	0.043434	-0.005825	0.043434	-0.005825
1569	0.046051	-0.005731	0.046051	-0.005731
1578	0.048556	-0.005704	0.048556	-0.005704
1587	0.051110	-0.005812	0.051110	-0.005812
1595	0.054146	-0.006215	0.054146	-0.006215
1603	0.057837	-0.007124	0.057837	-0.007124
1610	0.058573	-0.008104	0.058573	-0.008104
1618	0.060401	-0.009680	0.060401	-0.009680
1258	0.004820	-0.008535	0.004820	-0.008535
1298	0.005709	-0.007610	0.005709	-0.007610
1330	0.006752	-0.006912	0.006752	-0.006912