

測量野帳・トラバース計算書

[開放]

飯館村伊丹沢Ⅱ工区

路線NO: ①

事業名	ふくしま森林再生事業				日付	2025/04/22			
路線名	R-1								
測地系	世界測地	座標系	IX		観測点数	50			
水距累計	618.000m	緯距累計	-343.253m		経距累計	-261.509m			
閉合誤差	0.000m	緯距誤差	0.000m		径距誤差	0.000m			
補正法	コンパス法	閉合比	1/-		面積	---		磁気偏角	-8.50deg

既知点	測点	観測値					方向角	水平距離	測量X	測量Y	補正X	補正Y	備考
		方位角	高低角	斜距離	水平距離	追加距離							
	1									186376.704	79167.834		
1	2	240-48-00	3.70	13.70	13.70	232-18-00	13.671	186368.344	79157.017	186368.344	79157.017	新設起点	
2	3	225-48-00	6.40	15.90	15.80	217-18-00	15.801	186355.774	79147.442	186355.774	79147.442		
3	4	211-36-00	7.90	16.50	16.30	203-06-00	16.343	186340.741	79141.030	186340.741	79141.030		
4	5	212-18-00	6.50	8.30	8.20	203-48-00	8.247	186333.196	79137.702	186333.196	79137.702		
5	6	195-00-00	10.20	19.30	19.00	186-30-00	18.995	186314.323	79135.551	186314.323	79135.551		
6	7	217-36-00	15.40	12.70	12.20	209-06-00	12.244	186303.625	79129.597	186303.625	79129.597		
7	8	181-42-00	8.50	4.60	4.50	173-12-00	4.549	186299.107	79130.135	186299.107	79130.135		
8	9	127-24-00	16.00	5.20	5.00	118-54-00	4.999	186296.691	79134.511	186296.691	79134.511		
9	10	107-12-00	13.30	13.20	12.80	98-42-00	12.846	186294.748	79147.210	186294.748	79147.210		
10	11	96-54-00	13.20	9.50	9.20	116.70	88-24-00	9.249	186295.007	79156.455	186295.007	79156.455	
11	12	86-00-00	13.20	8.60	8.40	125.10	77-30-00	8.373	186296.819	79164.629	186296.819	79164.629	
12	13	106-54-00	14.40	4.50	4.40	129.50	98-24-00	4.359	186296.182	79168.941	186296.182	79168.941	
13	14	137-54-00	8.80	4.20	4.20	133.70	129-24-00	4.151	186293.548	79172.148	186293.548	79172.148	
14	15	165-54-00	8.30	5.90	5.80	139.50	157-24-00	5.838	186288.158	79174.392	186288.158	79174.392	
15	16	193-18-00	9.40	10.90	10.80	150.30	184-48-00	10.754	186277.442	79173.492	186277.442	79173.492	
16	17	194-42-00	7.80	13.60	13.50	163.80	186-12-00	13.474	186264.046	79172.037	186264.046	79172.037	
17	18	214-48-00	7.30	14.90	14.80	178.60	206-18-00	14.779	186250.797	79165.489	186250.797	79165.489	
18	19	233-06-00	3.40	10.10	10.10	188.70	224-36-00	10.082	186243.618	79158.409	186243.618	79158.409	
19	20	249-24-00	1.60	15.40	15.40	204.10	240-54-00	15.394	186236.132	79144.959	186236.132	79144.959	
20	21	232-36-00	5.60	11.00	10.90	215.00	224-06-00	10.948	186228.270	79137.340	186228.270	79137.340	
21	22	195-24-00	2.10	10.50	10.50	225.50	186-54-00	10.493	186217.853	79136.079	186217.853	79136.079	
22	23	156-48-00	4.20	14.60	14.60	240.10	148-18-00	14.561	186205.464	79143.731	186205.464	79143.731	
23	24	157-00-00	8.40	11.90	11.80	251.90	148-30-00	11.772	186195.427	79149.882	186195.427	79149.882	
24	25	179-36-00	1.00	17.50	17.50	269.40	171-06-00	17.497	186178.140	79152.589	186178.140	79152.589	
25	26	218-36-00	7.00	6.30	6.30	275.70	210-06-00	6.253	186172.730	79149.453	186172.730	79149.453	
26	27	237-24-00	-1.60	19.80	19.80	295.50	228-54-00	19.792	186159.719	79134.538	186159.719	79134.538	
27	28	242-18-00	-2.70	19.80	19.80	315.30	233-48-00	19.778	186148.038	79118.578	186148.038	79118.578	
28	29	237-36-00	3.20	18.10	18.10	333.40	229-06-00	18.072	186136.206	79104.918	186136.206	79104.918	
29	30	223-42-00	-2.60	18.70	18.70	352.10	215-12-00	18.681	186120.941	79094.150	186120.941	79094.150	
30	31	206-42-00	-1.20	16.40	16.40	368.50	198-12-00	16.396	186105.365	79089.029	186105.365	79089.029	
31	32	184-30-00	1.10	20.00	20.00	388.50	176-00-00	19.996	186085.418	79090.424	186085.418	79090.424	
32	33	185-24-00	-0.60	18.90	18.90	407.40	176-54-00	18.899	186066.546	79091.446	186066.546	79091.446	
33	34	196-36-00	2.90	9.10	9.10	416.50	188-06-00	9.088	186057.549	79090.165	186057.549	79090.165	
34	35	229-18-00	-2.50	4.10	4.10	420.60	220-48-00	4.096	186054.448	79087.489	186054.448	79087.489	
35	36	266-36-00	-4.80	5.20	5.20	425.80	258-06-00	5.182	186053.379	79082.419	186053.379	79082.419	
36	37	291-54-00	3.40	10.50	10.50	436.30	283-24-00	10.482	186055.808	79072.222	186055.808	79072.222	
37	38	310-12-00	8.50	16.90	16.70	453.00	301-42-00	16.714	186064.591	79058.002	186064.591	79058.002	
38	39	297-24-00	5.70	10.40	10.30	463.30	288-54-00	10.349	186067.943	79048.211	186067.943	79048.211	
39	40	272-54-00	1.00	6.30	6.30	469.60	264-24-00	6.299	186067.329	79041.942	186067.329	79041.942	
40	41	243-00-00	3.20	6.50	6.50	476.10	234-30-00	6.490	186063.560	79036.658	186063.560	79036.658	
41	42	222-06-00	4.70	17.10	17.00	493.10	213-36-00	17.042	186049.365	79027.227	186049.365	79027.227	
42	43	247-48-00	-2.30	13.50	13.50	506.60	239-18-00	13.489	186042.478	79015.629	186042.478	79015.629	
43	44	281-36-00	-4.00	16.80	16.80	523.40	273-06-00	16.759	186043.384	78998.894	186043.384	78998.894	
44	45	282-42-00	-6.90	16.60	16.50	539.90	274-12-00	16.480	186044.591	78982.459	186044.591	78982.459	
45	46	284-48-00	-6.70	15.50	15.40	555.30	276-18-00	15.394	186046.281	78967.157	186046.281	78967.157	
46	47	260-30-00	-4.30	15.30	15.30	570.60	252-00-00	15.257	186041.566	78952.647	186041.566	78952.647	
47	48	271-00-00	-3.30	15.10	15.10	585.70	262-30-00	15.075	186039.598	78937.701	186039.598	78937.701	
48	49	277-42-00	-5.40	13.30	13.20	598.90	269-12-00	13.241	186039.413	78924.462	186039.413	78924.462	
49	50	260-18-00	1.70	19.10	19.10	618.00	251-48-00	19.092	186033.451	78906.325	186033.451	78906.325	

測量野帳・トラバース計算書

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飯館村伊丹沢Ⅱ工区

路線NO: ②

事業名	ふくしま森林再生事業				日付	2025/04/22			
路線名	R-2								
測地系	世界測地	座標系	IX		観測点数	65			
水距累計	683.000m	緯距累計	-115.789m		経距累計	-201.922m			
閉合誤差	0.000m	緯距誤差	0.000m		径距誤差	0.000m			
補正法	コンパス法	閉合比	1/-		面積	---		磁気偏角	-8.50deg

既知点	測点	観測値			水平距離	追加距離	方向角	水平距離	測量X	測量Y	補正X	補正Y	備考
		方位角	高低角	斜距離									
	R-1No5				0.00						186333.243	79137.709	
R-1No5	1	252-54-00	6.30	1.70	1.70	0.00	244-24-00	1.690	186332.513	79136.185	186332.513	79136.185	
	2	289-18-00	8.80	4.80	4.70	4.70	280-48-00	4.743	186333.402	79131.526	186333.402	79131.526	新設起点
	3	323-42-00	8.00	11.50	11.40	16.10	315-12-00	11.388	186341.482	79123.501	186341.482	79123.501	
	4	346-00-00	9.00	9.10	9.00	25.10	337-30-00	8.988	186349.786	79120.062	186349.786	79120.062	
	5	4-48-00	9.00	17.50	17.30	42.40	356-18-00	17.285	186367.035	79118.946	186367.035	79118.946	
	6	352-06-00	5.90	14.10	14.00	56.40	343-36-00	14.025	186380.489	79114.986	186380.489	79114.986	
	7	5-18-00	5.10	18.60	18.50	74.90	356-48-00	18.526	186398.987	79113.952	186398.987	79113.952	
	8	351-00-00	1.60	16.60	16.60	91.50	342-30-00	16.594	186414.812	79108.962	186414.812	79108.962	
	9	339-18-00	3.20	15.70	15.70	107.20	330-48-00	15.676	186428.496	79101.315	186428.496	79101.315	
	10	319-24-00	-1.80	17.30	17.30	124.50	310-54-00	17.291	186439.817	79088.245	186439.817	79088.245	
	11	314-06-00	0.50	16.00	16.00	140.50	305-36-00	15.999	186449.131	79075.236	186449.131	79075.236	
	12	293-42-00	2.50	4.60	4.60	145.10	285-12-00	4.596	186450.336	79070.801	186450.336	79070.801	
	13	260-18-00	-0.80	4.40	4.40	149.50	251-48-00	4.400	186448.962	79066.622	186448.962	79066.622	
	14	226-48-00	3.00	6.40	6.40	155.90	218-18-00	6.391	186443.946	79062.661	186443.946	79062.661	
	15	215-18-00	-0.50	6.70	6.70	162.60	206-48-00	6.700	186437.966	79059.640	186437.966	79059.640	
	16	244-24-00	-1.20	6.00	6.00	168.60	235-54-00	5.999	186434.603	79054.673	186434.603	79054.673	
	17	283-48-00	6.20	4.90	4.90	173.50	275-18-00	4.871	186435.053	79049.822	186435.053	79049.822	
	18	315-24-00	7.90	5.30	5.20	178.70	306-54-00	5.250	186438.205	79045.624	186438.205	79045.624	
	19	340-36-00	8.00	17.80	17.60	196.30	332-06-00	17.627	186453.783	79037.376	186453.783	79037.376	
	20	347-24-00	9.10	14.70	14.50	210.80	338-54-00	14.515	186467.325	79032.150	186467.325	79032.150	
	21	334-12-00	5.20	5.00	5.00	215.80	325-42-00	4.979	186471.438	79029.344	186471.438	79029.344	
	22	307-54-00	-1.60	13.00	13.00	228.80	299-24-00	12.995	186477.817	79018.023	186477.817	79018.023	
	23	278-36-00	0.20	6.90	6.90	235.70	270-06-00	6.900	186477.829	79011.123	186477.829	79011.123	
	24	264-42-00	-0.40	15.60	15.60	251.30	256-12-00	15.600	186474.108	78995.974	186474.108	78995.974	
	25	257-18-00	-2.20	17.20	17.20	268.50	248-48-00	17.187	186467.893	78979.950	186467.893	78979.950	
	26	275-18-00	-1.10	11.10	11.10	279.60	266-48-00	11.098	186467.273	78968.869	186467.273	78968.869	
	27	272-24-00	-5.30	9.70	9.70	289.30	263-54-00	9.659	186466.247	78959.265	186466.247	78959.265	
	28	250-48-00	-10.10	4.50	4.40	293.70	242-18-00	4.430	186464.188	78955.343	186464.188	78955.343	
	29	233-54-00	-6.40	10.20	10.10	303.80	225-24-00	10.136	186457.070	78948.125	186457.070	78948.125	
	30	235-06-00	6.30	10.90	10.80	314.60	226-36-00	10.834	186449.626	78940.253	186449.626	78940.253	
	31	197-00-00	-6.30	5.80	5.80	320.40	188-30-00	5.765	186443.925	78939.401	186443.925	78939.401	
	32	166-42-00	-5.00	11.40	11.40	331.80	158-12-00	11.357	186433.380	78943.619	186433.380	78943.619	
	33	160-42-00	-2.40	13.80	13.80	345.60	152-12-00	13.788	186421.184	78950.049	186421.184	78950.049	
	34	173-12-00	-2.80	14.20	14.20	359.80	164-42-00	14.183	186407.503	78953.792	186407.503	78953.792	
	35	187-42-00	0.80	10.30	10.30	370.10	179-12-00	10.299	186397.205	78953.936	186397.205	78953.936	
	36	219-36-00	6.80	13.60	13.50	383.60	211-06-00	13.504	186385.642	78946.960	186385.642	78946.960	
	37	196-30-00	7.00	5.20	5.20	388.80	188-00-00	5.161	186380.531	78946.242	186380.531	78946.242	
	38	171-42-00	-0.70	4.70	4.70	393.50	163-12-00	4.700	186376.032	78947.600	186376.032	78947.600	
	39	151-54-00	6.00	16.90	16.80	410.30	143-24-00	16.807	186362.539	78957.621	186362.539	78957.621	
	40	164-06-00	5.50	11.10	11.00	421.30	155-36-00	11.049	186352.477	78962.186	186352.477	78962.186	
	41	190-36-00	8.80	13.20	13.00	434.30	182-06-00	13.045	186339.441	78961.708	186339.441	78961.708	
	42	164-24-00	4.30	5.20	5.20	439.50	155-54-00	5.185	186334.707	78963.825	186334.707	78963.825	
	43	145-12-00	-3.10	19.80	19.80	459.30	136-42-00	19.771	186320.319	78977.384	186320.319	78977.384	
	44	141-48-00	-4.40	16.10	16.10	475.40	133-18-00	16.053	186309.309	78989.067	186309.309	78989.067	
	45	143-18-00	1.00	18.10	18.10	493.50	134-48-00	18.097	186296.558	79001.908	186296.558	79001.908	
	46	143-18-00	4.50	7.90	7.90	501.40	134-48-00	7.876	186291.008	79007.496	186291.008	79007.496	
	47	177-54-00	6.90	4.50	4.50	505.90	169-24-00	4.467	186286.617	79008.318	186286.617	79008.318	
	48	218-36-00	10.40	5.00	4.90	510.80	210-06-00	4.918	186282.362	79005.852	186282.362	79005.852	
	49	228-54-00	5.80	10.10	10.00	520.80	220-24-00	10.048	186274.710	78999.339	186274.710	78999.339	
	50	198-54-00	4.10	15.40	15.40	536.20	190-24-00	15.361	186259.602	78996.566	186259.602	78996.566	
	51	171-36-00	-1.90	15.10	15.10	551.30	163-06-00	15.092	186245.162	79000.954	186245.162	79000.954	
	52	172-00-00	3.30	12.60	12.60	563.90	163-30-00	12.579	186233.101	79004.526	186233.101	79004.526	
	53	156-12-00	-8.00	9.20	9.10	573.00	147-42-00	9.110	186225.400	79009.394	186225.400	79009.394	
	54	184-36-00	-0.70	9.90	9.90	582.90	176-06-00	9.899	186215.524	79010.068	186215.524	79010.068	
	55	194-00-00	-5.10	15.40	15.30	598.20	185-30-00	15.339	186200.255	79008.598	186200.255	79008.598	
	56	211-12-00	-10.10	5.40	5.30	603.50	202-42-00	5.316	186195.351	79006.546	186195.351	79006.546	
	57	241-36-00	-8.50	5.00	4.90	608.40	233-06-00	4.945	186192.382	79002.592	186192.382	79002.592	
	58	279-48-00	5.10	5.50	5.50	613.90	271-18-00	5.478	186192.506	78997.115	186192.506	78997.115	
	59	291-00-00	8.40	13.10	13.00	626.90	282-30-00	12.959	186195.311	78984.462	186195.311	78984.462	
	60	308-18-00	7.20	10.10	10.00	636.90	299-48-00	10.020	186200.291	78975.767	186200.291	78975.767	
	61	277-48-00	-0.10	10.90	10.90	647.80	269-18-00	10.900	186200.158	78964.868	186200.158	78964.868	
	62	298-42-00	-0.60	5.00	5.00	652.80	290-12-00	5.000	186201.884	78960.176	186201.884	78960.176	
	63	329-42-00	7.40	9.80	9.70	662.50	321-12-00	9.718	186209.458	78954.086	186209.458	78954.086	
	64	318-00-00	-2.50	8.00	8.00	670.50	309-30-00	7.992	186214.542	78947.919	186214.542	78947.919	
	65	292-00-00	-3.50	12.50	12.50	683.00	283-30-00	12.477	186217.454	78935.787	186217.454	78935.787	新設終点

測量野帳・トラバース計算書

[開放]

飯館村伊丹沢Ⅱ工区

路線NO: ③

事業名	ふくしま森林再生事業				日付	2025/04/22			
路線名	R-3								
測地系	世界測地	座標系	IX		観測点数	33			
水距累計	402.000m	緯距累計	-328.669m		経距累計	-9.714m			
閉合誤差	0.000m	緯距誤差	0.000m		径距誤差	0.000m			
補正法	コンパス法	閉合比	1/-		面積	---		磁気偏角	-8.50deg

既知点	測点	観測値					方向角	水平距離	測量X	測量Y	補正X	補正Y	備考
		方位角	高低角	斜距離	水平距離	追加距離							
	1									186415.303	78897.075		
1	2	181-48-00	4.10	20.00	19.90	19.90	173-18-00	19.949	186395.490	78899.402	186395.490	78899.402	修繕起点
2	3	183-24-00	3.10	18.00	18.00	37.90	174-54-00	17.974	186377.588	78901.000	186377.588	78901.000	
3	4	169-12-00	4.30	16.90	16.90	54.80	160-42-00	16.852	186361.683	78906.570	186361.683	78906.570	
4	5	162-30-00	2.40	15.50	15.50	70.30	154-00-00	15.486	186347.763	78913.359	186347.763	78913.359	
5	6	154-48-00	4.90	15.40	15.30	85.60	146-18-00	15.344	186334.998	78921.872	186334.998	78921.872	
6	7	140-36-00	8.80	16.30	16.10	101.70	132-06-00	16.108	186324.199	78933.824	186324.199	78933.824	
7	8	141-54-00	3.00	18.20	18.20	119.90	133-24-00	18.175	186311.711	78947.030	186311.711	78947.030	
8	9	139-00-00	1.30	12.70	12.70	132.60	130-30-00	12.697	186303.465	78956.684	186303.465	78956.684	
9	10	148-54-00	0.80	14.10	14.10	146.70	140-24-00	14.099	186292.602	78965.671	186292.602	78965.671	
10	11	189-00-00	-0.60	8.80	8.80	155.50	180-30-00	8.800	186283.803	78965.594	186283.803	78965.594	
11	12	210-42-00	-2.00	5.70	5.70	161.20	202-12-00	5.697	186278.529	78963.442	186278.529	78963.442	
12	13	221-00-00	1.50	17.70	17.70	178.90	212-30-00	17.694	186263.606	78953.935	186263.606	78953.935	
13	14	224-18-00	2.00	6.00	6.00	184.90	215-48-00	5.996	186258.742	78950.427	186258.742	78950.427	
14	15	244-18-00	0.30	8.00	8.00	192.90	235-48-00	8.000	186254.246	78943.811	186254.246	78943.811	
15	16	280-30-00	2.40	13.30	13.30	206.20	272-00-00	13.288	186254.709	78930.531	186254.709	78930.531	
16	17	269-54-00	2.50	8.80	8.80	215.00	261-24-00	8.792	186253.395	78921.838	186253.395	78921.838	
17	18	246-24-00	1.50	8.40	8.40	223.40	237-54-00	8.397	186248.933	78914.725	186248.933	78914.725	
18	19	223-36-00	1.90	8.20	8.20	231.60	215-06-00	8.195	186242.227	78910.012	186242.227	78910.012	
19	20	204-54-00	3.00	15.10	15.10	246.70	196-24-00	15.079	186227.762	78905.755	186227.762	78905.755	
20	21	188-36-00	2.40	17.80	17.80	264.50	180-06-00	17.784	186209.977	78905.724	186209.977	78905.724	
21	22	172-06-00	5.30	15.00	14.90	279.40	163-36-00	14.936	186195.649	78909.941	186195.649	78909.941	
22	23	173-12-00	5.60	15.10	15.00	294.40	164-42-00	15.028	186181.154	78913.906	186181.154	78913.906	
23	24	175-18-00	4.10	15.90	15.90	310.30	166-48-00	15.859	186165.713	78917.527	186165.713	78917.527	
24	25	193-18-00	5.80	4.90	4.90	315.20	184-48-00	4.875	186160.856	78917.120	186160.856	78917.120	
25	26	236-00-00	6.70	5.20	5.20	320.40	227-30-00	5.164	186157.367	78913.312	186157.367	78913.312	
26	27	256-36-00	6.80	7.90	7.80	328.20	248-06-00	7.844	186154.441	78906.034	186154.441	78906.034	
27	28	234-18-00	7.00	7.60	7.50	335.70	225-48-00	7.543	186149.182	78900.626	186149.182	78900.626	
28	29	208-36-00	5.00	10.30	10.30	346.00	200-06-00	10.261	186139.546	78897.099	186139.546	78897.099	
29	30	218-54-00	-8.40	13.30	13.20	359.20	210-24-00	13.157	186128.197	78890.441	186128.197	78890.441	
30	31	215-00-00	0.10	10.30	10.30	369.50	206-30-00	10.300	186118.980	78885.846	186118.980	78885.846	修繕終点
31	32	188-06-00	7.10	18.60	18.50	388.00	179-36-00	18.457	186100.523	78885.974	186100.523	78885.974	新設起点
32	33	182-48-00	10.60	14.20	14.00	402.00	174-18-00	13.958	186086.634	78887.361	186086.634	78887.361	新設終点

測量野帳・トラバース計算書

[開放]

飯館村伊丹沢Ⅱ工区

路線NO: ④

事業名	ふくしま森林再生事業				日付	2025/04/22			
路線名	R-4								
測地系	世界測地	座標系	IX		観測点数	64			
水距累計	641.000m	緯距累計	359.926m		経距累計	-189.759m			
閉合誤差	0.000m	緯距誤差	0.000m		径距誤差	0.000m			
補正法	コンパス法	閉合比	1/-		面積	---		磁気偏角	-8.50deg

既知点	測点	観測値				水平距離	追加距離	方向角	水平距離	測量X	測量Y	補正X	補正Y	備考
		方位角	高低角	斜距離	水平距離									
	R-3No14					0.00					186258.942	78950.053		
R-3No14	1	313-48-00	-1.30	1.60	1.60	0.00	305-18-00	1.600	186259.866	78948.748	186259.866	78948.748		
	2	287-30-00	-3.30	5.60	5.60	5.60	279-00-00	5.591	186260.741	78943.226	186260.741	78943.226	修繕起点	
	3	312-42-00	-7.40	6.00	6.00	11.60	304-12-00	5.950	186264.085	78938.304	186264.085	78938.304		
	4	324-18-00	-5.90	17.10	17.00	28.60	315-48-00	17.009	186276.280	78926.446	186276.280	78926.446		
	5	320-12-00	0.10	11.20	11.20	39.80	311-42-00	11.200	186283.730	78918.084	186283.730	78918.084		
	6	294-30-00	-3.50	6.40	6.40	46.20	286-00-00	6.388	186285.491	78911.943	186285.491	78911.943		
	7	260-30-00	1.20	6.60	6.60	52.80	252-00-00	6.599	186283.452	78905.668	186283.452	78905.668		
	8	225-54-00	2.50	7.00	7.00	59.80	217-24-00	6.993	186277.896	78901.420	186277.896	78901.420		
	9	210-48-00	2.40	13.00	13.00	72.80	202-18-00	12.989	186265.879	78896.491	186265.879	78896.491		
	10	215-48-00	-7.00	13.50	13.40	86.20	207-18-00	13.399	186253.972	78890.346	186253.972	78890.346		
	11	214-48-00	-4.70	16.60	16.50	102.70	206-18-00	16.544	186239.141	78883.016	186239.141	78883.016		
	12	192-36-00	1.60	9.00	9.00	111.70	184-06-00	8.996	186230.167	78882.372	186230.167	78882.372		
	13	208-54-00	-34.10	1.80	1.50	113.20	200-24-00	1.491	186228.770	78881.853	186228.770	78881.853		
	14	222-06-00	31.10	4.60	3.90	117.10	213-36-00	3.939	186225.489	78879.673	186225.489	78879.673		
	15	241-48-00	13.90	5.40	5.20	122.30	233-18-00	5.242	186222.357	78875.470	186222.357	78875.470		
	16	253-36-00	11.60	9.40	9.20	131.50	245-06-00	9.208	186218.480	78867.118	186218.480	78867.118		
	17	234-18-00	8.90	9.50	9.40	140.90	225-48-00	9.386	186211.936	78860.390	186211.936	78860.390		
	18	221-54-00	-6.90	3.20	3.20	144.10	213-24-00	3.177	186209.284	78858.641	186209.284	78858.641		
	19	234-06-00	13.40	6.70	6.50	150.60	225-36-00	6.518	186204.724	78853.984	186204.724	78853.984		
	20	265-06-00	6.30	6.30	6.30	156.90	256-36-00	6.262	186203.273	78847.893	186203.273	78847.893	修繕終点	
	21	305-12-00	8.30	6.20	6.10	163.00	296-42-00	6.135	186206.030	78842.412	186206.030	78842.412	新設起点	
	22	322-48-00	0.10	9.50	9.50	172.50	314-18-00	9.500	186212.664	78835.613	186212.664	78835.613		
	23	322-36-00	-14.00	7.20	7.00	179.50	314-06-00	6.986	186217.526	78830.596	186217.526	78830.596		
	24	337-18-00	6.90	7.50	7.40	186.90	328-48-00	7.446	186223.895	78826.739	186223.895	78826.739		
	25	355-12-00	-5.60	13.40	13.30	200.20	346-42-00	13.336	186236.873	78823.671	186236.873	78823.671		
	26	352-12-00	0.90	15.00	15.00	215.20	343-42-00	14.998	186251.269	78819.461	186251.269	78819.461		
	27	340-18-00	6.70	16.00	15.90	231.10	331-48-00	15.891	186265.273	78811.952	186265.273	78811.952		
	28	326-24-00	8.20	10.60	10.50	241.60	317-54-00	10.492	186273.058	78804.918	186273.058	78804.918		
	29	337-42-00	-1.40	2.70	2.70	244.30	329-12-00	2.699	186275.376	78803.536	186275.376	78803.536	新設終点	
	30	14-06-00	-3.10	17.60	17.60	261.90	5-36-00	17.574	186292.867	78805.251	186292.867	78805.251	修繕起点	
	31	14-30-00	-2.70	13.00	13.00	274.90	6-00-00	12.986	186305.781	78806.608	186305.781	78806.608		
	32	6-42-00	-3.00	10.80	10.80	285.70	358-12-00	10.785	186316.561	78806.270	186316.561	78806.270		
	33	341-24-00	1.40	4.90	4.90	290.60	332-54-00	4.899	186320.922	78804.038	186320.922	78804.038		
	34	325-42-00	6.70	14.60	14.50	305.10	317-12-00	14.500	186331.561	78794.186	186331.561	78794.186		
	35	345-06-00	5.70	8.30	8.30	313.40	336-36-00	8.259	186339.141	78790.906	186339.141	78790.906		
	36	8-06-00	8.30	11.80	11.70	325.10	359-36-00	11.676	186350.817	78790.824	186350.817	78790.824		
	37	8-12-00	6.60	5.40	5.40	330.50	359-42-00	5.364	186356.181	78790.796	186356.181	78790.796		
	38	347-06-00	4.40	5.70	5.70	336.20	338-36-00	5.683	186361.472	78788.723	186361.472	78788.723		
	39	316-00-00	-1.00	4.20	4.20	340.40	307-30-00	4.199	186364.029	78785.391	186364.029	78785.391		
	40	290-00-00	-2.70	6.50	6.50	346.90	281-30-00	6.493	186365.323	78779.029	186365.323	78779.029		
	41	286-30-00	-4.00	15.30	15.30	362.20	278-00-00	15.263	186367.447	78763.915	186367.447	78763.915		
	42	298-54-00	-1.30	8.40	8.40	370.60	290-24-00	8.398	186370.375	78756.043	186370.375	78756.043		
	43	328-18-00	-2.90	6.10	6.10	376.70	319-48-00	6.092	186375.028	78752.111	186375.028	78752.111		
	44	348-06-00	-9.30	16.60	16.40	393.10	339-36-00	16.382	186390.382	78746.401	186390.382	78746.401		
	45	352-24-00	-8.90	11.10	11.00	404.10	343-54-00	10.966	186400.918	78743.360	186400.918	78743.360		
	46	15-48-00	-7.00	17.90	17.80	421.90	7-18-00	17.767	186418.541	78745.617	186418.541	78745.617		
	47	7-18-00	-6.30	18.60	18.50	440.40	358-48-00	18.488	186437.025	78745.230	186437.025	78745.230		
	48	6-42-00	-4.50	17.70	17.60	458.00	358-12-00	17.645	186454.661	78744.676	186454.661	78744.676		
	49	15-42-00	-1.30	8.90	8.90	466.90	7-12-00	8.898	186463.489	78745.791	186463.489	78745.791	修繕終点	
	50	0-18-00	-0.30	4.80	4.80	471.70	351-48-00	4.800	186468.240	78745.106	186468.240	78745.106	新設起点	
	51	331-12-00	8.60	10.20	10.10	481.80	322-42-00	10.085	186476.262	78738.995	186476.262	78738.995		
	52	354-42-00	12.40	4.80	4.70	486.50	346-12-00	4.688	186480.815	78737.877	186480.815	78737.877		
	53	12-30-00	9.00	11.10	11.00	497.50	4-00-00	10.963	186491.752	78738.641	186491.752	78738.641		
	54	357-06-00	6.90	7.60	7.50	505.00	348-36-00	7.545	186499.148	78737.150	186499.148	78737.150		
	55	340-30-00	3.10	7.40	7.40	512.40	332-00-00	7.389	186505.672	78733.681	186505.672	78733.681	新設終点	
	56	339-54-00	-2.50	12.00	12.00	524.40	331-24-00	11.989	186516.198	78727.942	186516.198	78727.942	修繕起点	
	57	344-30-00	-0.50	14.30	14.30	538.70	336-00-00	14.299	186529.261	78722.126	186529.261	78722.126		
	58	3-06-00	0.00	16.00	16.00	554.70	354-36-00	16.000	186545.190	78720.620	186545.190	78720.620		
	59	15-06-00	-3.90	17.90	17.90	572.60	6-36-00	17.859	186562.930	78722.673	186562.930	78722.673	修繕終点	
	60	29-42-00	-7.60	16.50	16.40	589.00	21-12-00	16.355	186578.178	78728.587	186578.178	78728.587	新設起点	
	61	39-30-00	-3.60	10.80	10.80	599.80	31-00-00	10.779	186587.417	78734.139	186587.417	78734.139		
	62	42-18-00	-1.00	18.20	18.20	618.00	33-48-00	18.197	186602.539	78744.262	186602.539	78744.262		
	63	46-24-00	-1.30	9.00	9.00	627.00	37-54-00	8.998	186609.639	78749.789	186609.639	78749.789		
	64	57-12-00	-2.80	14.00	14.00	641.00	48-42-00	13.983	186618.868	78760.294	186618.868	78760.294	新設終点	

測量野帳・トラバース計算書

[開放]

飯館村伊丹沢Ⅱ工区

路線NO: ⑤

事業名	ふくしま森林再生事業				日付	2025/04/22		
路線名	R-5							
測地系	世界測地	座標系	IX		観測点数	36		
水距累計	301.000m	緯距累計	-30.275m		経距累計	-150.662m		
閉合誤差	0.000m	緯距誤差	0.000m		径距誤差	0.000m		
補正法	コンパス法	閉合比	1/-		面積	---	磁気偏角	-8.50deg

既知点	測点	観測値					方向角	水平距離	測量X	測量Y	補正X	補正Y	備考
		方位角	高低角	斜距離	水平距離	追加距離							
	1						0.00			185931.574	78981.112		
1	2	319-24-00	26.80	4.70	4.20	4.20	310-54-00	4.195	185934.321	78977.941	185934.321	78977.941	新設起点
2	3	317-06-00	2.10	7.00	7.00	11.20	308-36-00	6.995	185938.685	78972.474	185938.685	78972.474	新設終点
3	4	338-42-00	5.30	13.70	13.60	24.80	330-12-00	13.641	185950.523	78965.695	185950.523	78965.695	修繕起点
4	5	355-12-00	2.90	18.80	18.80	43.60	346-42-00	18.776	185968.795	78961.375	185968.795	78961.375	
5	6	1-18-00	2.10	17.40	17.40	61.00	352-48-00	17.388	185986.046	78959.196	185986.046	78959.196	
6	7	349-42-00	4.30	8.10	8.10	69.10	341-12-00	8.077	185993.692	78956.593	185993.692	78956.593	
7	8	315-24-00	7.50	4.80	4.80	73.90	306-54-00	4.759	185996.550	78952.787	185996.550	78952.787	修繕終点
8	9	293-48-00	9.10	5.10	5.00	78.90	285-18-00	5.036	185997.879	78947.930	185997.879	78947.930	新設起点
9	10	253-54-00	9.40	5.00	4.90	83.80	245-24-00	4.933	185995.825	78943.445	185995.825	78943.445	
10	11	224-30-00	12.80	6.30	6.10	89.90	216-00-00	6.143	185990.855	78939.834	185990.855	78939.834	
11	12	207-36-00	7.90	10.90	10.80	100.70	199-06-00	10.797	185980.653	78936.301	185980.653	78936.301	
12	13	192-12-00	12.30	7.00	6.80	107.50	183-42-00	6.839	185973.828	78935.860	185973.828	78935.860	
13	14	166-30-00	13.10	13.10	12.80	120.30	158-00-00	12.759	185961.998	78940.639	185961.998	78940.639	
14	15	163-06-00	5.10	5.70	5.70	126.00	154-36-00	5.677	185956.869	78943.075	185956.869	78943.075	
15	16	187-00-00	3.40	4.40	4.40	130.40	178-30-00	4.392	185952.478	78943.189	185952.478	78943.189	
16	17	207-30-00	1.80	4.20	4.20	134.60	199-00-00	4.198	185948.509	78941.823	185948.509	78941.823	
17	18	212-24-00	5.50	13.80	13.70	148.30	203-54-00	13.736	185935.950	78936.258	185935.950	78936.258	
18	19	203-48-00	11.40	9.40	9.20	157.50	195-18-00	9.215	185927.062	78933.826	185927.062	78933.826	
19	20	227-24-00	10.30	4.40	4.30	161.80	218-54-00	4.329	185923.693	78931.108	185923.693	78931.108	
20	21	263-36-00	12.50	3.40	3.30	165.10	255-06-00	3.319	185922.840	78927.900	185922.840	78927.900	
21	22	284-06-00	9.70	4.20	4.10	169.20	275-36-00	4.140	185923.244	78923.780	185923.244	78923.780	
22	23	283-18-00	-5.60	8.60	8.60	177.80	274-48-00	8.559	185923.960	78915.251	185923.960	78915.251	
23	24	289-54-00	-4.60	11.90	11.90	189.70	281-24-00	11.862	185926.305	78903.623	185926.305	78903.623	
24	25	254-36-00	-2.80	4.50	4.50	194.20	246-06-00	4.495	185924.484	78899.514	185924.484	78899.514	
25	26	243-18-00	-10.90	6.00	5.90	200.10	234-48-00	5.892	185921.087	78894.699	185921.087	78894.699	
26	27	272-48-00	-6.70	14.00	13.90	214.00	264-18-00	13.904	185919.706	78880.864	185919.706	78880.864	
27	28	290-36-00	-4.60	13.60	13.60	227.60	282-06-00	13.556	185922.548	78867.609	185922.548	78867.609	
28	29	308-06-00	-4.70	11.60	11.60	239.20	299-36-00	11.561	185928.259	78857.556	185928.259	78857.556	
29	30	292-36-00	0.10	10.30	10.30	249.50	284-06-00	10.300	185930.768	78847.567	185930.768	78847.567	
30	31	275-54-00	-6.10	15.20	15.10	264.60	267-24-00	15.114	185930.082	78832.468	185930.082	78832.468	
31	32	257-54-00	-7.90	6.10	6.00	270.60	249-24-00	6.042	185927.956	78826.813	185927.956	78826.813	
32	33	231-30-00	-9.90	3.70	3.60	274.20	223-00-00	3.645	185925.291	78824.327	185925.291	78824.327	
33	34	200-00-00	-4.10	6.80	6.80	281.00	191-30-00	6.783	185918.644	78822.975	185918.644	78822.975	
34	35	188-06-00	-6.40	8.00	8.00	289.00	179-36-00	7.950	185910.694	78823.030	185910.694	78823.030	
35	36	150-12-00	-11.10	12.20	12.00	301.00	141-42-00	11.972	185901.299	78830.450	185901.299	78830.450	新設終点

測量野帳・トラバース計算書

[開放]

飯館村伊丹沢Ⅱ工区

路線NO: ⑥

事業名	ふくしま森林再生事業				日付	2025/04/22	
路線名	R-6						
測地系	世界測地	座標系	IX		観測点数	13	
水距累計	186.000m	緯距累計	-179.287m		経距累計	-13.699m	
閉合誤差	0.000m	緯距誤差	0.000m		径距誤差	0.000m	
補正法	コンパス法	閉合比	1/-		面積	---	磁気偏角 -8.50deg

既知点	測点	観測値			水平距離	追加距離	方向角	水平距離	測量X	測量Y	補正X	補正Y	備考
		方位角	高低角	斜距離									
	R-4No29					0.00					186275.925	78803.327	
R-4No29	1	203-12-00	5.60	2.90	2.90	0.00	194-42-00	2.886	186273.133	78802.595	186273.133	78802.595	
	2	204-00-00	4.70	16.90	16.80	16.80	195-30-00	16.843	186256.903	78798.093	186256.903	78798.093	修繕起点
	3	223-42-00	6.10	18.80	18.70	35.50	215-12-00	18.694	186241.627	78787.318	186241.627	78787.318	
	4	213-30-00	5.60	12.00	11.90	47.40	205-00-00	11.943	186230.804	78782.271	186230.804	78782.271	
	5	198-06-00	7.30	15.80	15.70	63.10	189-36-00	15.672	186215.351	78779.657	186215.351	78779.657	
	6	205-18-00	7.70	13.40	13.30	76.40	196-48-00	13.279	186202.639	78775.819	186202.639	78775.819	
	7	202-48-00	3.20	16.00	16.00	92.40	194-18-00	15.975	186187.159	78771.873	186187.159	78771.873	
	8	195-24-00	2.10	15.40	15.40	107.80	186-54-00	15.390	186171.880	78770.024	186171.880	78770.024	
	9	169-06-00	3.80	19.50	19.50	127.30	160-36-00	19.457	186153.528	78776.487	186153.528	78776.487	
	10	184-42-00	6.50	14.80	14.70	142.00	176-12-00	14.705	186138.856	78777.462	186138.856	78777.462	
	11	174-06-00	8.80	17.20	17.00	159.00	165-36-00	16.998	186122.392	78781.689	186122.392	78781.689	
	12	172-18-00	7.40	13.10	13.00	172.00	163-48-00	12.991	186109.917	78785.313	186109.917	78785.313	
	13	170-30-00	8.00	14.10	14.00	186.00	162-00-00	13.963	186096.638	78789.628	186096.638	78789.628	修繕終点

測量野帳・トラバース計算書

[開放]

飯館村伊丹沢Ⅱ工区

路線NO: ⑦

事業名	ふくしま森林再生事業				日付	2025/04/22		
路線名	R-7							
測地系	世界測地	座標系	IX		観測点数	27		
水距累計	304.000m	緯距累計	-138.254m		経距累計	-43.771m		
閉合誤差	0.000m	緯距誤差	0.000m		径距誤差	0.000m		
補正法	コンパス法	閉合比	1/-		面積	---		
						磁気偏角	-8.50deg	

既知点	測点	観測値					方向角	水平距離	測量X	測量Y	補正X	補正Y	備考
		方位角	高低角	斜距離	水平距離	追加距離							
	R-6No6					0.00				186202.789	78775.868		
R-6No6	1	286-06-00	7.90	1.60	1.60	0.00	277-36-00	1.585	186202.999	78774.297	186202.999	78774.297	
	2	291-36-00	12.10	15.80	15.40	15.40	283-06-00	15.449	186206.500	78759.250	186206.500	78759.250	修繕起点
	3	284-00-00	12.70	18.50	18.00	33.40	275-30-00	18.047	186208.230	78741.286	186208.230	78741.286	
	4	286-06-00	8.90	13.30	13.10	46.50	277-36-00	13.140	186209.968	78728.261	186209.968	78728.261	
	5	293-06-00	9.40	15.60	15.40	61.90	284-36-00	15.391	186213.847	78713.368	186213.847	78713.368	
	6	284-18-00	11.10	15.80	15.50	77.40	275-48-00	15.504	186215.414	78697.943	186215.414	78697.943	
	7	274-18-00	4.90	7.90	7.90	85.30	265-48-00	7.871	186214.838	78690.093	186214.838	78690.093	
	8	272-24-00	10.70	17.50	17.20	102.50	263-54-00	17.196	186213.010	78672.994	186213.010	78672.994	
	9	250-42-00	5.40	6.30	6.30	108.80	242-12-00	6.272	186210.085	78667.446	186210.085	78667.446	修繕終点
	10	219-12-00	4.20	10.10	10.10	118.90	210-42-00	10.073	186201.424	78662.304	186201.424	78662.304	新設起点
	11	197-24-00	3.70	18.00	18.00	136.90	188-54-00	17.962	186183.678	78659.525	186183.678	78659.525	
	12	165-24-00	6.10	10.60	10.50	147.40	156-54-00	10.540	186173.983	78663.660	186173.983	78663.660	
	13	135-42-00	5.10	14.20	14.10	161.50	127-12-00	14.144	186165.431	78674.926	186165.431	78674.926	
	14	112-00-00	11.10	11.40	11.20	172.70	103-30-00	11.187	186162.820	78685.804	186162.820	78685.804	
	15	141-48-00	11.60	5.70	5.60	178.30	133-18-00	5.584	186158.991	78689.867	186158.991	78689.867	
	16	171-06-00	11.00	15.80	15.50	193.80	162-36-00	15.510	186144.191	78694.505	186144.191	78694.505	
	17	185-06-00	6.40	11.90	11.80	205.60	176-36-00	11.826	186132.386	78695.207	186132.386	78695.207	
	18	174-18-00	7.30	4.30	4.30	209.90	165-48-00	4.265	186128.251	78696.253	186128.251	78696.253	
	19	133-42-00	5.60	4.60	4.60	214.50	125-12-00	4.578	186125.612	78699.994	186125.612	78699.994	
	20	99-12-00	8.80	11.00	10.90	225.40	90-42-00	10.871	186125.479	78710.863	186125.479	78710.863	
	21	113-42-00	8.90	14.50	14.30	239.70	105-12-00	14.325	186121.723	78724.688	186121.723	78724.688	
	22	139-18-00	8.80	7.80	7.70	247.40	130-48-00	7.708	186116.686	78730.523	186116.686	78730.523	
	23	165-36-00	5.20	10.70	10.70	258.10	157-06-00	10.656	186106.870	78734.669	186106.870	78734.669	
	24	165-12-00	4.40	12.00	12.00	270.10	156-42-00	11.965	186095.881	78739.402	186095.881	78739.402	
	25	182-06-00	5.10	14.80	14.70	284.80	173-36-00	14.741	186081.232	78741.045	186081.232	78741.045	
	26	202-00-00	1.10	5.20	5.20	290.00	193-30-00	5.199	186076.176	78739.831	186076.176	78739.831	
	27	222-06-00	-3.30	14.00	14.00	304.00	213-36-00	13.977	186064.535	78732.097	186064.535	78732.097	新設終点

測量野帳・トラバース計算書

[開放]

飯館村伊丹沢Ⅱ工区

路線NO: ⑧

事業名	ふくしま森林再生事業				日付	2025/04/22		
路線名	R-8							
測地系	世界測地	座標系	IX		観測点数	36		
水距累計	425.000m	緯距累計	-117.706m		経距累計	-84.327m		
閉合誤差	0.000m	緯距誤差	0.000m		径距誤差	0.000m		
補正法	コンパス法	閉合比	1/-		面積	---		
						磁気偏角	-8.50deg	

既知点	測点	観測値					方向角	水平距離	測量X	測量Y	補正X	補正Y	備考
		方位角	高低角	斜距離	水平距離	追加距離							
	R-7No7					0.00				186214.797	78690.202		
R-7No7	1	10-36-00	12.10	1.80	1.80	0.00	2-06-00	1.760	186216.556	78690.266	186216.556	78690.266	
	2	65-06-00	8.60	17.00	16.80	16.80	56-36-00	16.809	186225.809	78704.299	186225.809	78704.299	新設起点
	3	74-18-00	6.40	16.50	16.40	33.20	65-48-00	16.397	186232.530	78719.256	186232.530	78719.256	
	4	76-36-00	12.00	7.60	7.40	40.60	68-06-00	7.434	186235.303	78726.153	186235.303	78726.153	
	5	45-00-00	10.20	3.80	3.70	44.30	36-30-00	3.740	186238.309	78728.378	186238.309	78728.378	
	6	6-18-00	3.20	4.00	4.00	48.30	357-48-00	3.994	186242.300	78728.224	186242.300	78728.224	
	7	342-06-00	7.80	8.70	8.60	56.90	333-36-00	8.620	186250.021	78724.392	186250.021	78724.392	
	8	0-36-00	10.80	4.80	4.70	61.60	352-06-00	4.715	186254.691	78723.744	186254.691	78723.744	
	9	27-24-00	11.10	11.80	11.60	73.20	18-54-00	11.579	186265.646	78727.494	186265.646	78727.494	
	10	24-06-00	7.80	7.50	7.40	80.60	15-36-00	7.431	186272.803	78729.493	186272.803	78729.493	
	11	355-00-00	7.60	17.90	17.70	98.30	346-30-00	17.743	186290.056	78725.351	186290.056	78725.351	
	12	313-36-00	9.20	12.30	12.10	110.40	305-06-00	12.142	186297.037	78715.417	186297.037	78715.417	
	13	291-24-00	8.60	8.40	8.30	118.70	282-54-00	8.306	186298.891	78707.321	186298.891	78707.321	
	14	271-12-00	10.60	14.50	14.30	133.00	262-42-00	14.253	186297.080	78693.184	186297.080	78693.184	
	15	263-48-00	11.10	17.60	17.30	150.30	255-18-00	17.271	186292.698	78676.478	186292.698	78676.478	
	16	261-36-00	13.30	16.70	16.30	166.60	253-06-00	16.252	186287.973	78660.928	186287.973	78660.928	
	17	241-48-00	11.10	7.20	7.10	173.70	233-18-00	7.065	186283.751	78655.263	186283.751	78655.263	
	18	239-54-00	6.00	18.10	18.00	191.70	231-24-00	18.001	186272.520	78641.195	186272.520	78641.195	
	19	263-42-00	0.00	12.70	12.70	204.40	255-12-00	12.700	186269.276	78628.917	186269.276	78628.917	
	20	266-12-00	-0.70	20.00	20.00	224.40	257-42-00	19.999	186265.016	78609.377	186265.016	78609.377	
	21	263-24-00	1.30	8.80	8.80	233.20	254-54-00	8.798	186262.724	78600.883	186262.724	78600.883	
	22	235-12-00	7.80	7.80	7.70	240.90	226-42-00	7.728	186257.424	78595.259	186257.424	78595.259	
	23	209-12-00	8.30	8.60	8.50	249.40	200-42-00	8.510	186249.464	78592.251	186249.464	78592.251	
	24	189-48-00	7.50	13.80	13.70	263.10	181-18-00	13.682	186235.785	78591.941	186235.785	78591.941	
	25	204-00-00	7.00	10.80	10.70	273.80	195-30-00	10.719	186225.456	78589.076	186225.456	78589.076	
	26	229-36-00	2.20	15.00	15.00	288.80	221-06-00	14.989	186214.161	78579.223	186214.161	78579.223	
	27	225-48-00	2.90	18.00	18.00	306.80	217-18-00	17.977	186199.860	78568.329	186199.860	78568.329	
	28	196-30-00	3.40	17.30	17.30	324.10	188-00-00	17.270	186182.759	78565.926	186182.759	78565.926	
	29	199-24-00	3.50	17.30	17.30	341.40	190-54-00	17.268	186165.803	78562.660	186165.803	78562.660	
	30	181-18-00	7.00	6.90	6.80	348.20	172-48-00	6.849	186159.008	78563.519	186159.008	78563.519	
	31	160-30-00	9.00	7.50	7.40	355.60	152-00-00	7.408	186152.468	78566.996	186152.468	78566.996	
	32	143-48-00	4.20	15.60	15.60	371.20	135-18-00	15.558	186141.409	78577.940	186141.409	78577.940	
	33	142-42-00	6.00	15.40	15.30	386.50	134-12-00	15.316	186130.731	78588.920	186130.731	78588.920	
	34	142-48-00	5.50	11.20	11.10	397.60	134-18-00	11.148	186122.945	78596.899	186122.945	78596.899	
	35	166-54-00	-1.30	13.40	13.40	411.00	158-24-00	13.397	186110.489	78601.830	186110.489	78601.830	
	36	171-42-00	-1.40	14.00	14.00	425.00	163-12-00	13.996	186097.091	78605.875	186097.091	78605.875	新設終点

測量野帳・トラバース計算書

[開放]

飯館村伊丹沢Ⅱ工区

路線NO: ⑨

事業名	ふくしま森林再生事業				日付	2025/04/22		
路線名	R-9							
測地系	世界測地	座標系	IX		観測点数	15		
水距累計	124.000m	緯距累計	-15.473m		経距累計	-116.963m		
閉合誤差	0.000m	緯距誤差	0.000m		径距誤差	0.000m		
補正法	コンパス法	閉合比	1/-		面積	---	磁気偏角	-8.50deg

既知点	測点	観測値					方向角	水平距離	測量X	測量Y	補正X	補正Y	備考
		方位角	高低角	斜距離	水平距離	追加距離							
	R-4No37					0.00				186356.734	78790.507		
R-4No37	1	322-12-00	8.00	2.70	2.70	0.00	313-42-00	2.674	186358.581	78788.574	186358.581	78788.574	
	2	293-12-00	7.60	3.20	3.20	3.20	284-42-00	3.172	186359.386	78785.506	186359.386	78785.506	修繕起点
	3	265-12-00	12.90	7.40	7.20	10.40	256-42-00	7.213	186357.727	78778.486	186357.727	78778.486	
	4	252-24-00	15.20	19.10	18.40	28.80	243-54-00	18.432	186349.618	78761.934	186349.618	78761.934	
	5	254-24-00	12.50	14.20	13.90	42.70	245-54-00	13.863	186343.957	78749.279	186343.957	78749.279	
	6	281-12-00	10.20	11.70	11.50	54.20	272-42-00	11.515	186344.499	78737.777	186344.499	78737.777	
	7	305-06-00	6.60	8.20	8.10	62.30	296-36-00	8.146	186348.147	78730.493	186348.147	78730.493	
	8	275-24-00	6.40	5.10	5.10	67.40	266-54-00	5.068	186347.873	78725.432	186347.873	78725.432	
	9	240-24-00	6.90	4.50	4.50	71.90	231-54-00	4.467	186345.116	78721.917	186345.116	78721.917	
	10	241-06-00	5.10	6.50	6.50	78.40	232-36-00	6.474	186341.184	78716.773	186341.184	78716.773	
	11	278-30-00	6.70	4.30	4.30	82.70	270-00-00	4.271	186341.184	78712.503	186341.184	78712.503	
	12	307-12-00	6.10	10.90	10.80	93.50	298-42-00	10.838	186346.389	78702.996	186346.389	78702.996	
	13	293-36-00	8.00	5.60	5.50	99.00	285-06-00	5.546	186347.833	78697.642	186347.833	78697.642	
	14	271-54-00	8.60	5.60	5.50	104.50	263-24-00	5.537	186347.197	78692.142	186347.197	78692.142	
	15	260-48-00	7.70	19.70	19.50	124.00	252-18-00	19.522	186341.261	78673.544	186341.261	78673.544	修繕終点