

Ведомость реперов									
ЦДРО Планировочный проект Объект: ЦДМ (Трасса)									
№ п.п.	Пик		Местоположение		Y, м	X, м	Z, м	Высота репера	Земельный участок, м
	№	наим.	пик	наим.					
1.00	4401507	2.10	4401508.100	500213.074	291.626	-	291.626	291.626	Грунтовый



Ведомость углов поворотов, прямых и кривых плана трассы														
ЦДРО Планировочный проект Объект: Трасса 1														
Пикетаж	Положение вершины угла поворота		Повороты		Величина угла поворота		Радиус, м	Эквивалентная кривая, м		Положение переходных кривых				Асфальт
	№	пк	+	X	Y	внешн.		внутрн.	начало кривой	конец кривой	исх.	длина	начало	
B17	0	0	0.000	4401497.447	500435.105									
B17	0	1	25.000	4401501.132	500417.073	2° 57' 32"	0.00	0.00	0.00	1	25.000	1	25.000	301° 40' 52"
B17	0	1	19.330	4401503.242	500403.079	3° 42' 40"	110.00	337	337	0.00	0.00	1	25.000	301° 40' 52"
B17	0	2	34.971	4401507.684	500390.074	4° 28' 40"	90.00	5.00	5.00	0.00	0.00	1	25.000	301° 40' 52"
B17	0	3	40.728	4401509.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	4	46.728	4401510.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	5	52.728	4401511.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	6	58.728	4401512.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	7	64.728	4401513.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	8	70.728	4401514.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	9	76.728	4401515.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	10	82.728	4401516.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	11	88.728	4401517.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	12	94.728	4401518.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	13	100.728	4401519.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	14	106.728	4401520.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	15	112.728	4401521.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	16	118.728	4401522.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	17	124.728	4401523.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	18	130.728	4401524.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	19	136.728	4401525.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	20	142.728	4401526.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	21	148.728	4401527.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	22	154.728	4401528.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	23	160.728	4401529.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	24	166.728	4401530.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	25	172.728	4401531.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	26	178.728	4401532.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	27	184.728	4401533.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	28	190.728	4401534.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	29	196.728	4401535.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	30	202.728	4401536.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	31	208.728	4401537.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	32	214.728	4401538.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	33	220.728	4401539.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	34	226.728	4401540.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	35	232.728	4401541.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	36	238.728	4401542.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	37	244.728	4401543.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	38	250.728	4401544.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	39	256.728	4401545.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	40	262.728	4401546.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	41	268.728	4401547.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	42	274.728	4401548.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	43	280.728	4401549.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	44	286.728	4401550.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	45	292.728	4401551.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	46	298.728	4401552.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	47	304.728	4401553.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	48	310.728	4401554.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	49	316.728	4401555.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	50	322.728	4401556.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	51	328.728	4401557.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	52	334.728	4401558.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	53	340.728	4401559.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	54	346.728	4401560.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	55	352.728	4401561.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	56	358.728	4401562.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	57	364.728	4401563.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	58	370.728	4401564.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	59	376.728	4401565.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	60	382.728	4401566.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	61	388.728	4401567.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	62	394.728	4401568.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	63	400.728	4401569.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	64	406.728	4401570.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	65	412.728	4401571.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	66	418.728	4401572.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	67	424.728	4401573.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	68	430.728	4401574.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	69	436.728	4401575.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	70	442.728	4401576.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	71	448.728	4401577.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	72	454.728	4401578.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	73	460.728	4401579.429	500349.660	3° 20' 01"	110.00	3.20	3.20	0.00	0.00	1	25.000	301° 40' 52"
B17	0	74	466.728	4401580.429	500349.660	3° 20' 01"	110.00	3.20	3.2					