

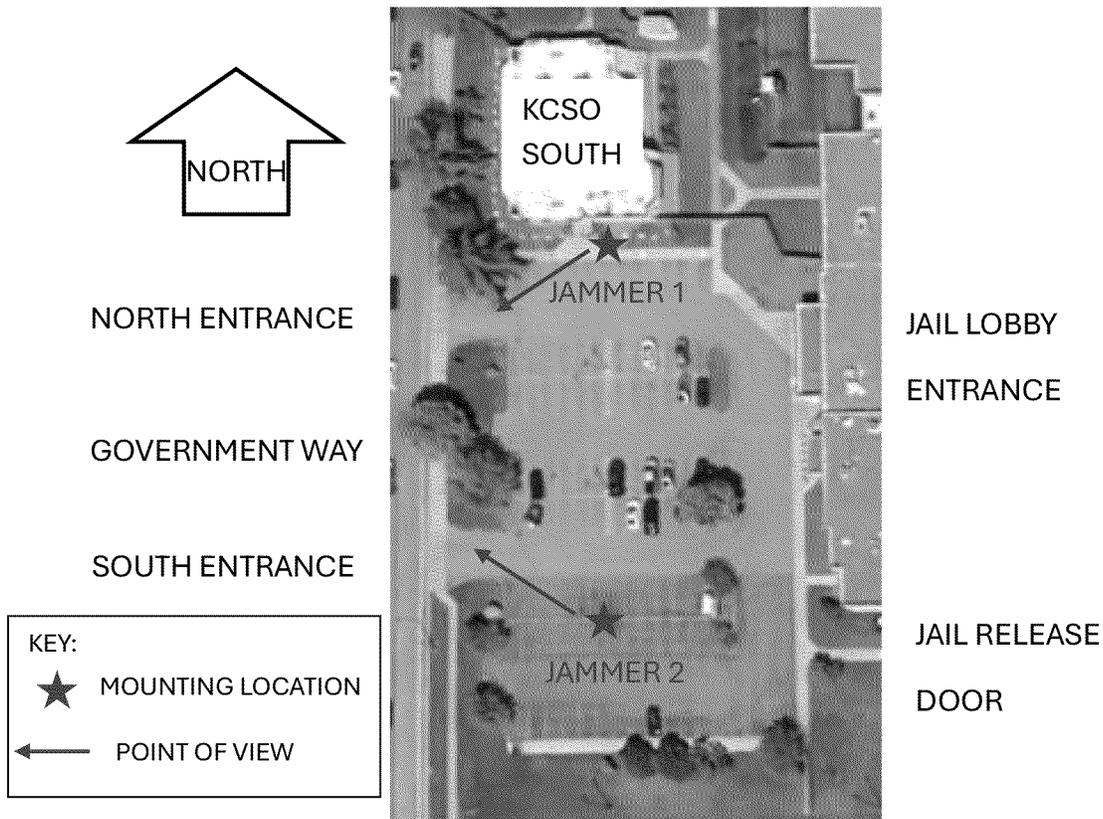


KOOTENAI COUNTY JAIL PUBLIC PARKING LOT OFFICAL RADAR TRAFFIC STUDY

Recorded from Sunday, September 21st, 2025 to Sunday, October 5th, 2025

Report and raw data captured and compiled by Dep. T. Cox #2378

Over the course of two weeks, starting on Sunday, September 21st, 2025 and ending on Sunday, October 5th, 2025 two Radar Jammer Boxes were used to capture data on how many vehicles entered the Kootenai County Jail Public Parking Lot. Jammer Box 1 was placed on a light pole near the front door of the Kootenai County Sheriff’s Office South Lobby and was aimed towards the north parking lot entrance. Jammer Box 2 was placed on a light pole on the south side of the parking lot near the Jail Release Door and was aimed towards the south parking lot entrance (see diagram below for mounting locations). Both Jammer Boxes were set to count how many vehicles entered and exited through their respective entrances and logged the dates and times vehicles were captured up by radar. No vehicle information such as year, make, model, or license plate information was logged or is known on the vehicles captured by the Jammer Boxes as radar only logs number of vehicles and their speeds. No other sensors or cameras are incorporated in this system.



Disclaimer: Not all vehicles that entered or left the parking lot were necessarily logged due to vehicles parking and blocking the Jammer Boxes’ aim as well as margins of error in the Jammer Boxes limitations and capabilities. All recorded data is confirmed as accurate captures and outliers have been removed to more accurately reflect data captured. Raw, unprocessed data is available upon request.

Jammer Box 1 captured 1646 total vehicles that entered through the North Parking Lot Entrance and 829 total vehicles exit over the course of two weeks. Jammer Box 2 captured 1199 vehicles enter through the South Parking Lot Entrance and 2662 vehicles exit over the course of two weeks. In total, Total 2845 vehicles were captured entering the Kootenai County Jail Parking Lot and 3491 vehicles were captured leaving.

The recorded data showed that weekdays were the busiest days that recorded the highest number of vehicular traffic. 2458 total vehicles entered the Kootenai County Jail Parking Lot on weekdays, and 3039 vehicles exited the parking lot. This is approximately 86-87 percent of the weeks traffic occupied the parking lot during weekdays. According to the data, an average of 550 vehicles coming and going through the parking lot per business day.

The data also showed that of the weekday traffic, roughly 71 percent of the weekday traffic occurs during business hours between 0800 hours and 1700 hours (3995 vehicles averaging 400 vehicles per business day during operating hours). This vehicle traffic includes but is not limited to Jail visits (attorneys, medical staff, etc.), sex offender registries, work release inmates, bondsman, the public using the safe internet meet-up space and many more. This data shows that on average, 44 vehicles are entering or exiting the Kootenai County Jail Parking Lot every business hour. The Kootenai County Jail Public Parking lot has a total of 96 parking stalls. 84 regular stalls, six handicaped parking stalls and six fifteen-minute parking stalls near the front door of the Sheriff's Office South Lobby.

Below is the Hour-by-hour data for the two-week traffic study at the Kootenai County Jail Public Parking Lot:

SEE BELOW:

JAMMER 1 WEEK 1 RESULTS

	15-Sep-25	Tue	Wed	Thu	Fri	Sat	Sun	Week Average
							IN OUT	
12:00 AM								#####
01:00								#####
02:00								#####
03:00								#####
04:00								#####
05:00								#####
06:00								#####
07:00								#####
08:00								#####
09:00								#####
10:00								#####
11:00								#####
12:00 PM								#####
01:00							3 0	3 0
02:00							6 2	6 2
03:00							6 8	6 8
04:00							2 0	2 0
05:00							9 1	9 1
06:00							3 2	3 2
07:00							1 0	1 0
08:00							0 0	0 0
09:00							1 1	1 1
10:00							0 0	0 0
11:00							0 0	0 0
Lane	0	0	0	0	0	0	31 14	#####
Day	0	0	0	0	0	0	45 14	#####

	22-Sep-25	Tue	Wed	Thu	Fri	Sat	Sun	Week Average
	IN OUT	IN OUT	IN OUT	IN OUT	IN OUT	IN OUT	IN OUT	IN OUT
12:00 AM	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
01:00	0 0	0 0	0 0	0 0	1 0	1 0	0 0	0 0
02:00	0 0	0 0	1 0	1 0	0 1	0 0	0 0	0 0
03:00	0 0	0 0	0 0	0 0	0 1	1 0	0 0	0 0
04:00	1 2	0 2	0 1	2 2	1 0	1 1	0 0	1 1
05:00	1 1	3 2	0 1	2 1	5 1	0 0	0 0	2 1
06:00	12 4	16 6	14 1	15 4	9 7	1 3	0 0	10 4
07:00	21 11	14 5	15 12	18 6	21 13	1 1	0 1	13 7
08:00	13 4	17 15	13 10	3 2	16 6	7 1	4 4	10 6
09:00	8 7	13 6	14 4	0 0	17 9	8 3	5 2	9 4
10:00	9 8	17 7	10 5	9 8	17 7	5 2	2 0	10 5
11:00	17 11	15 6	17 5	18 10	16 10	6 6	6 6	15 8
12:00 PM	10 6	2 1	9 5	9 8	12 2	9 1		9 4
01:00	10 7	6 5	5 7	3 2	19 4	5 4		8 5
02:00	10 7	8 2	9 4	2 0	5 6	5 0		7 3
03:00	8 3	3 3	1 4	11 2	6 4	3 4		5 3
04:00	1 0	4 6	3 4	10 6	7 3	5 1		5 3
05:00	0 1	13 3	6 1	7 3	4 1	4 2		6 2
06:00	2 0	3 2	2 4	2 1	3 3	4 4		3 2
07:00	1 1	2 3	4 0	1 1	3 1	3 1		2 1
08:00	2 1	1 0	1 0	1 0	2 0	0 0		1 0
09:00	0 0	1 1	1 0	4 1	0 0	2 0		1 0
10:00	1 1	0 0	0 0	0 0	1 0	0 0		0 0
11:00	0 0	0 0	1 0	0 0	0 0	0 0		0 0
Lane	127 75	138 76	125 69	118 57	165 79	71 34	11 7	117 61
Day	202	214	194	175	244	105	18	178

JAMMER 1 WEEK 2 RESULTS

	22-Sep-25		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
12:00 AM															#####	#####
01:00															#####	#####
02:00															#####	#####
03:00															#####	#####
04:00															#####	#####
05:00															#####	#####
06:00															#####	#####
07:00															#####	#####
08:00															#####	#####
09:00															#####	#####
10:00															#####	#####
11:00															#####	#####
12:00 PM													6	2	6	2
01:00													1	2	1	2
02:00													2	2	2	2
03:00													4	3	4	3
04:00													4	3	4	3
05:00													3	0	3	0
06:00													3	0	3	0
07:00													1	1	1	1
08:00													1	0	1	0
09:00													0	1	0	1
10:00													0	0	0	0
11:00													0	0	0	0
Lane	0	0	0	0	0	0	0	0	0	0	0	0	25	14	#####	#####
Day	0	0	0	0	0	0	0	0	0	0	0	0	39	14	#####	#####

	29-Sep-25		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
12:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
02:00	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0
03:00	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0
04:00	1	0	0	1	0	0	0	2	1	0	1	0	0	0	0	0
05:00	4	0	1	0	3	1	0	1	3	3	0	0	0	0	2	1
06:00	14	2	6	2	10	3	6	3	11	5	3	1	0	0	7	2
07:00	20	9	13	4	17	9	13	5	20	5	1	1	0	1	12	5
08:00	23	3	19	10	10	7	16	9	13	10	5	4	2	2	13	6
09:00	12	6	10	6	13	7	19	5	14	5	5	2	9	2	12	5
10:00	19	12	15	7	9	6	16	8	22	10	6	2	4	1	13	7
11:00	7	7	14	7	20	6	17	8	16	5	9	4	0	0	12	5
12:00 PM	10	1	10	4	12	5	11	8	10	6	4	3			10	5
01:00	15	3	2	5	7	2	1	1	9	7	4	2			6	3
02:00	16	6	9	7	11	4	3	4	8	6	7	4			9	5
03:00	14	6	12	7	8	4	3	7	6	3	6	5			8	5
04:00	8	6	21	8	10	5	9	2	6	1	7	1			10	4
05:00	8	9	5	1	5	2	6	6	7	3	5	0			6	4
06:00	5	5	3	3	4	1	3	5	8	0	6	0			5	2
07:00	0	1	3	1	2	1	2	3	2	0	0	0			2	1
08:00	0	3	0	0	0	0	0	0	0	1	0	1			0	1
09:00	0	1	0	0	0	0	1	0	2	0	0	0			1	0
10:00	0	0	2	0	0	0	0	0	0	0	1	0			1	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0			0	0
Lane	176	81	145	73	142	63	127	77	158	71	70	32	17	7	127	62
Day	257		218		205		204		229		102		24		189	

JAMMER 2 WEEK 1 RESULTS

	15-Sep-25		Tue		Wed		Thu		Fri		Sat		Sun		Week Average		
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
12:00 AM															####	####	
01:00															####	####	
02:00															####	####	
03:00															####	####	
04:00															####	####	
05:00															####	####	
06:00															####	####	
07:00															####	####	
08:00															####	####	
09:00															####	####	
10:00															####	####	
11:00															####	####	
12:00 PM															####	####	
01:00													2	8	2	8	
02:00												4	10	4	10		
03:00												5	8	5	8		
04:00												0	6	0	6		
05:00												1	9	1	9		
06:00												3	5	3	5		
07:00												2	1	2	1		
08:00												0	0	0	0		
09:00												3	0	3	0		
10:00												0	0	0	0		
11:00												0	0	0	0		
Lane	0	0	0	0	0	0	0	0	0	0	0	0	0	20	47	####	####
Day	0	0	0	0	0	0	0	0	0	0	0	0	0	67	47	####	####

	22-Sep-25		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
12:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
01:00	0	2	0	0	0	0	0	1	0	0	0	0	1	0	0	1
02:00	1	0	2	0	1	0	3	1	4	2	1	0	0	0	2	1
03:00	0	0	1	0	0	0	0	0	3	2	2	1	1	0	1	1
04:00	2	2	3	0	0	0	1	5	0	0	1	2	0	0	1	2
05:00	2	2	3	3	3	0	3	2	5	10	1	0	0	0	3	3
06:00	5	13	7	24	6	13	8	19	9	11	5	4	0	0	7	14
07:00	20	28	10	17	19	26	17	24	5	10	4	3	0	0	13	18
08:00	3	18	3	11	0	1	4	1	0	0	4	10	0	0	2	7
09:00	10	15	5	29	6	16	0	4	0	0	6	10	0	0	5	12
10:00	15	34	7	18	5	29	9	29	0	0	5	16	0	0	7	21
11:00	11	24	4	25	5	23	9	22	0	0	5	10	0	0	6	17
12:00 PM	8	20	8	17	5	15	9	14	0	0	4	15	0	0	6	14
01:00	12	17	2	13	9	8	7	18	0	0	0	9	0	0	5	11
02:00	10	13	15	19	8	13	9	23	2	2	0	5	0	0	7	13
03:00	4	19	6	9	4	20	5	18	2	17	4	5	0	0	4	15
04:00	3	17	2	10	2	13	5	23	2	15	1	6	0	0	3	14
05:00	4	11	3	20	7	14	5	7	2	19	1	3	0	0	4	12
06:00	7	8	3	2	0	1	9	6	5	3	2	10	0	0	4	5
07:00	1	3	1	4	1	3	1	5	1	5	1	2	0	0	1	4
08:00	0	4	0	1	1	2	1	3	2	3	0	2	0	0	1	3
09:00	1	3	1	2	1	1	3	2	4	1	2	2	0	0	2	2
10:00	1	1	2	1	2	1	0	1	0	4	0	0	0	0	1	2
11:00	0	0	0	0	1	3	0	0	1	1	0	0	0	0	0	1
Lane	120	254	88	225	86	203	108	229	47	105	49	116	0	0	83	189
Day	374		313		289		337		152		165		0		272	

JAMMER 2 WEEK 2 RESULTS

	22-Sep-25		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
12:00 AM															#####	#####
01:00															#####	#####
02:00															#####	#####
03:00															#####	#####
04:00															#####	#####
05:00															#####	#####
06:00															#####	#####
07:00															#####	#####
08:00															#####	#####
09:00															#####	#####
10:00															#####	#####
11:00															#####	#####
12:00 PM													2	7	2	7
01:00													2	7	2	7
02:00													2	10	2	10
03:00													0	4	0	4
04:00													3	4	3	4
05:00													0	4	0	4
06:00													0	5	0	5
07:00													1	4	1	4
08:00													0	4	0	4
09:00													1	0	1	0
10:00													2	1	2	1
11:00													1	1	1	1
Lane	0	0	0	0	0	0	0	0	0	0	0	0	14	51	#####	#####
Day	0	0	0	0	0	0	0	0	0	0	0	0	65	51	0	0

	29-Sep-25		Tue		Wed		Thu		Fri		Sat		Sun		Week Average		
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
12:00 AM	1	0	0	1	0	0	0	0	0	0	3	0	1	0	1	0	1
01:00	0	0	0	0	0	0	1	2	0	0	0	0	0	0	1	0	0
02:00	1	0	1	0	0	0	2	0	4	0	1	0	1	1	1	1	0
03:00	0	0	1	0	0	0	0	1	1	0	2	0	0	1	1	1	0
04:00	3	1	0	1	1	1	4	1	0	3	0	2	1	2	1	2	
05:00	2	2	3	9	5	1	2	2	4	3	0	0	1	1	2	3	
06:00	4	13	10	7	5	13	5	9	4	12	5	6	1	1	5	9	
07:00	7	24	9	29	11	25	18	15	16	19	8	1	3	1	10	16	
08:00	4	23	25	23	13	20	14	28	20	18	12	3	0	0	13	16	
09:00	10	20	20	22	10	24	9	26	12	24	5	7	0	0	9	18	
10:00	9	28	13	26	6	31	9	27	10	27	3	9	0	0	7	21	
11:00	5	23	7	21	7	29	4	17	6	28	5	17	0	0	5	19	
12:00 PM	6	23	15	19	9	29	6	22	12	18	0	7			8	20	
01:00	3	23	4	20	12	26	4	17	8	24	7	10			6	20	
02:00	5	25	8	15	10	22	12	18	8	19	6	10			8	18	
03:00	8	24	9	22	5	24	8	22	4	12	6	14			7	20	
04:00	4	19	6	22	5	17	5	9	5	10	4	9			5	14	
05:00	7	10	2	15	5	13	5	10	5	3	4	15			5	11	
06:00	7	3	8	8	3	6	3	7	3	9	1	9			4	7	
07:00	1	3	4	3	2	1	2	2	2	3	1	0			2	2	
08:00	1	3	0	1	0	2	2	6	0	1	0	0			1	2	
09:00	0	1	0	0	0	0	1	1	1	3	0	0			0	1	
10:00	2	1	1	1	0	0	0	0	0	0	0	1			1	1	
11:00	0	0	0	0	1	3	1	0	0	0	2	0			1	1	
Lane	90	269	146	265	110	287	117	242	125	239	72	121	7	9	102	221	
Day	359		411		397		359		364		193		16		323		

The data shows that the current parking lot is sufficient for the spacing available now, however, significant parking lot expansion or modifications would be required to accommodate additional service offerings at this location. During heightened business hours the lot can be close to or at capacity. This study also does not account for future growth to currently offered programs at this location which are to include but not limited to: court sessions held at the Kootenai County Jail, the Work Release Program, and Sex Offender Registries that greatly contribute to vehicular traffic in the public parking lot.

This concludes the Kootenai County Jail Public Parking Lot Traffic Study.

 #2378

Dep. T. Cox #2378

Kootenai County Sheriff's Office

Traffic Team