



December 8, 2022

Amelia Shelley
Fort Vancouver Regional Libraries
1007 E Mill Plain Boulevard
Vancouver, Washington 98663

Via email: ashelley@fvrl.org

Regarding: Cover Letter for 2018 Traffic Impact Analysis
Woodland Library
411 Lakeshore Drive
Woodland, Washington
PBS Project 71959.000

Dear Amelia:

This cover letter accompanies the 2018 traffic impact analysis (TIA) that will be included with the site plan review submittals for the Woodland Library project. This letter describes the differences between the 2018 conditions and the 2022 conditions, and it provides justification for using the 2018 TIA instead of an updated 2022 TIA.

BACKGROUND

PBS Engineering and Environmental Inc. (PBS) prepared the 2018 TIA for Fort Vancouver Regional Libraries (FVRL) as part of the preliminary feasibility evaluations for the Woodland Library. FVRL was particularly interested in how any traffic mitigations at the Goerig Street / Lakeshore Drive / Buckeye Street intersection might impact the library site at the corner property.

Based on comments and notes from the August 18, 2022, pre-application conference (City of Woodland case file PRE-22-011), PBS was contracted to prepare a fresh 2022 TIA based on contemporary conditions. Subsequently, City of Woodland staff indicated that the 2018 TIA would be accepted to fulfill the site plan review application's TIA requirement. Accordingly, PBS is submitting the 2018 TIA with this cover letter for introduction.

JUSTIFICATION

The 2018 Woodland Library site plan was designed to cover 10,000 square feet of gross floor area. The 2022 Woodland Library site plan is designed to cover 7,500 square feet of gross floor area. This decrease in gross floor area lends itself to the 2018 TIA offering a more conservative approach to total net trips added due to the development of the library. It also allows for flexibility in case the Woodland Library expands in future years.

Turning movement traffic counts were collected in both 2018 and 2022 during peak commute periods. At all locations, the 2018 existing traffic volumes are greater than the 2022 existing traffic volumes. While this is likely due to a few factors, such as COVID-19 influences and day-to-day variance of counts, the higher existing counts in the 2018 TIA also represent a more conservative approach due to the decreased levels of service resulting from the higher traffic volumes through each study intersection. The 2022 traffic counts are attached for reference.

For these reasons, the City of Woodland approved use of the 2018 TIA to cover the project's TIA requirement. The email confirming this approach is attached for reference.

CLOSING

Please feel free to contact me at 360.567.2123 or David.Holt@pbsusa.com with any questions or comments.

Sincerely,

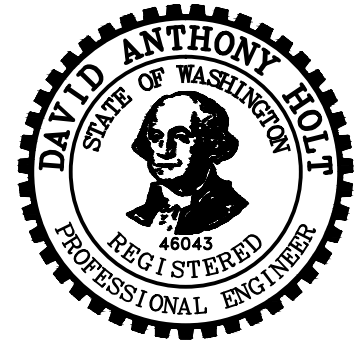


David Holt, PE
Project Traffic Engineer

cc: John Manix, PJ McKelvey, Maureen White (PBS)

Attachments: 2022 Traffic Counts, City of Woodland Email Accepting 2018 TIA

PJM:DAH:jer





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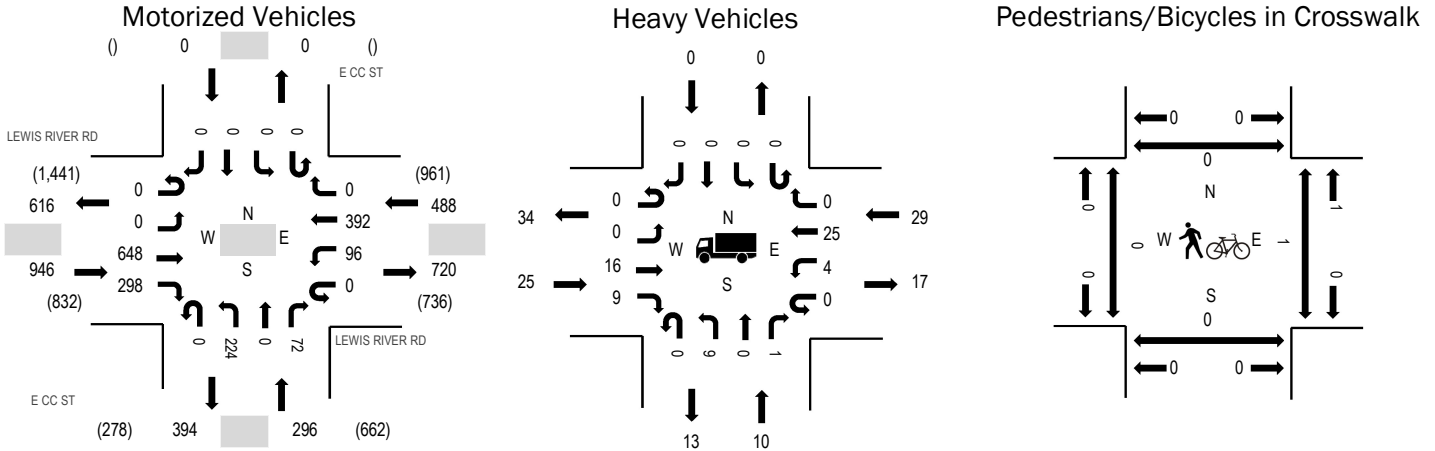
Location: 5 E CC ST & LEWIS RIVER RD AM

Date: Thursday, September 22, 2022

Study Peak Hour: 08:55 AM - 09:55 AM

Peak 15-Minutes in Study Peak Hour: 08:55 AM - 09:10 AM

Study Peak Hour (for all study intersections)



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	LEWIS RIVER RD Eastbound				LEWIS RIVER RD Westbound				E CC ST Northbound				E CC ST Southbound				Total	Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right		
7:00 AM	0	0	28	2	0	5	41	0	0	23	0	4	0	0	0	0	103	1,180
7:05 AM	0	0	16	5	0	2	44	0	0	26	0	4	0	0	0	0	97	1,178
7:10 AM	0	0	23	8	0	1	23	0	0	23	0	3	0	0	0	0	81	1,182
7:15 AM	0	0	13	7	0	1	36	0	0	21	0	3	0	0	0	0	81	1,181
7:20 AM	0	0	27	5	0	2	34	0	0	27	0	3	0	0	0	0	98	1,205
7:25 AM	0	0	21	6	0	2	45	0	0	18	0	4	0	0	0	0	96	1,203
7:30 AM	0	0	23	6	0	2	43	0	0	26	0	1	0	0	0	0	101	1,216
7:35 AM	0	0	13	6	0	7	37	0	0	24	0	6	0	0	0	0	93	1,233
7:40 AM	0	0	26	13	0	4	41	0	0	21	0	2	0	0	0	0	107	1,264
7:45 AM	0	0	18	8	0	4	41	0	0	35	0	8	0	0	0	0	114	1,273
7:50 AM	0	0	20	10	0	2	35	0	0	18	0	5	0	0	0	0	90	1,264
7:55 AM	0	0	39	8	0	5	35	0	0	26	0	6	0	0	0	0	119	1,289
8:00 AM	0	0	31	9	0	3	38	0	0	13	0	7	0	0	0	0	101	1,275
8:05 AM	0	0	24	9	0	2	44	0	0	20	0	2	0	0	0	0	101	
8:10 AM	0	0	19	9	0	1	32	0	0	12	0	7	0	0	0	0	80	
8:15 AM	0	0	23	7	0	1	48	0	0	23	0	3	0	0	0	0	105	
8:20 AM	0	0	27	8	0	4	28	0	0	23	0	6	0	0	0	0	96	
8:25 AM	0	0	33	13	0	1	41	0	0	19	0	2	0	0	0	0	109	
8:30 AM	0	0	32	10	0	1	42	0	0	29	0	4	0	0	0	0	118	
8:35 AM	0	0	36	10	0	3	44	0	0	27	0	4	0	0	0	0	124	
8:40 AM	0	0	34	10	0	3	32	0	0	30	0	7	0	0	0	0	116	
8:45 AM	0	0	35	10	0	4	22	0	0	23	0	11	0	0	0	0	105	
8:50 AM	0	0	34	16	0	8	33	0	0	18	0	6	0	0	0	0	115	
8:55 AM	0	0	29	13	0	2	32	0	0	25	0	4	0	0	0	0	105	
Count Total	0	0	624	208	0	70	891	0	0	550	0	112	0	0	0	0	2,455	
Peak Hour	0	0	648	298	0	96	392	0	0	224	0	72	0	0	0	0	1,730	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles on Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
7:00 AM	1	1	3	0	5	7:00 AM	0	0	0	0	0	7:00 AM	0	0	0	0	0
7:05 AM	3	0	1	0	4	7:05 AM	0	0	0	0	0	7:05 AM	0	0	0	0	0
7:10 AM	3	0	0	0	3	7:10 AM	0	0	0	0	0	7:10 AM	0	0	0	0	0
7:15 AM	1	3	0	0	4	7:15 AM	0	0	0	0	0	7:15 AM	0	0	0	0	0
7:20 AM	4	0	4	0	8	7:20 AM	0	0	0	0	0	7:20 AM	0	0	0	0	0
7:25 AM	4	0	2	0	6	7:25 AM	0	0	0	0	0	7:25 AM	0	0	0	0	0
7:30 AM	4	2	1	0	7	7:30 AM	0	0	0	0	0	7:30 AM	0	0	0	0	0
7:35 AM	1	3	1	0	5	7:35 AM	0	0	0	0	0	7:35 AM	0	0	0	0	0
7:40 AM	5	3	0	0	8	7:40 AM	0	0	0	0	0	7:40 AM	0	0	0	0	0
7:45 AM	4	0	0	0	4	7:45 AM	0	0	0	0	0	7:45 AM	0	1	0	0	1
7:50 AM	1	1	2	0	4	7:50 AM	0	0	0	0	0	7:50 AM	0	0	0	0	0
7:55 AM	5	1	6	0	12	7:55 AM	0	0	0	0	0	7:55 AM	0	1	1	1	3
8:00 AM	4	1	1	0	6	8:00 AM	0	0	0	0	0	8:00 AM	0	0	0	0	0
8:05 AM	4	1	3	0	8	8:05 AM	0	0	0	0	0	8:05 AM	0	0	0	0	0
8:10 AM	1	2	2	0	5	8:10 AM	0	0	0	0	0	8:10 AM	0	0	0	0	0
8:15 AM	5	2	2	0	9	8:15 AM	0	0	0	0	0	8:15 AM	0	0	0	0	0
8:20 AM	3	2	4	0	9	8:20 AM	0	0	0	0	0	8:20 AM	0	0	0	0	0
8:25 AM	2	1	3	0	6	8:25 AM	0	0	0	0	0	8:25 AM	0	0	0	0	0
8:30 AM	2	4	2	0	8	8:30 AM	0	0	0	0	0	8:30 AM	0	0	0	0	0
8:35 AM	6	2	2	0	10	8:35 AM	0	0	0	0	0	8:35 AM	0	0	0	0	0
8:40 AM	2	2	3	0	7	8:40 AM	0	0	0	0	0	8:40 AM	0	0	0	0	0
8:45 AM	3	2	3	0	8	8:45 AM	0	0	0	0	0	8:45 AM	0	0	0	0	0
8:50 AM	6	4	2	0	12	8:50 AM	0	0	0	0	0	8:50 AM	0	0	0	0	0
8:55 AM	3	0	4	0	7	8:55 AM	0	0	0	0	0	8:55 AM	0	0	0	0	0
Count Total	77	37	51	0	165	Count Total	0	0	0	0	0	Count Total	0	2	1	1	4
Peak Hour	25	10	29	0	64	Peak Hour	0	0	0	0	0	Peak Hour	0	0	1	0	1

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles on Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
7:00 AM	0	3	0	0	3	7:00 AM	0	0	0	0	0	7:00 AM	0	0	0	0	0
7:05 AM	0	0	0	2	2	7:05 AM	0	0	0	0	0	7:05 AM	0	0	0	0	0
7:10 AM	3	1	0	0	4	7:10 AM	0	0	0	0	0	7:10 AM	0	0	0	0	0
7:15 AM	1	0	0	0	1	7:15 AM	0	0	0	0	0	7:15 AM	0	0	0	0	0
7:20 AM	0	0	0	0	0	7:20 AM	0	0	0	0	0	7:20 AM	0	0	0	0	0
7:25 AM	0	0	0	1	1	7:25 AM	0	0	0	0	0	7:25 AM	0	0	0	0	0
7:30 AM	0	0	0	3	3	7:30 AM	0	0	0	0	0	7:30 AM	0	0	0	0	0
7:35 AM	0	0	0	2	2	7:35 AM	0	0	0	0	0	7:35 AM	0	0	0	0	0
7:40 AM	0	4	0	1	5	7:40 AM	0	0	0	0	0	7:40 AM	0	0	0	0	0
7:45 AM	0	3	0	1	4	7:45 AM	0	0	0	0	0	7:45 AM	0	0	0	0	0
7:50 AM	0	2	0	4	6	7:50 AM	0	0	0	0	0	7:50 AM	0	0	0	0	0
7:55 AM	0	1	0	0	1	7:55 AM	0	1	0	0	1	7:55 AM	0	0	0	0	0
8:00 AM	0	1	0	5	6	8:00 AM	0	0	0	0	0	8:00 AM	0	0	1	0	1
8:05 AM	0	0	0	3	3	8:05 AM	0	0	0	0	0	8:05 AM	0	0	0	0	0
8:10 AM	0	1	0	0	1	8:10 AM	0	0	0	0	0	8:10 AM	0	0	0	0	0
8:15 AM	0	0	0	3	3	8:15 AM	0	0	0	0	0	8:15 AM	0	0	0	0	0
8:20 AM	0	0	0	2	2	8:20 AM	0	0	0	0	0	8:20 AM	0	0	0	0	0
8:25 AM	0	2	0	4	6	8:25 AM	0	0	0	0	0	8:25 AM	0	0	0	0	0
8:30 AM	0	1	0	4	5	8:30 AM	0	0	0	0	0	8:30 AM	0	0	0	0	0
8:35 AM	0	8	0	4	12	8:35 AM	0	0	0	0	0	8:35 AM	0	0	0	0	0
8:40 AM	1	2	0	0	3	8:40 AM	0	0	0	0	0	8:40 AM	0	0	0	0	0
8:45 AM	0	0	0	3	3	8:45 AM	0	0	0	0	0	8:45 AM	0	0	0	0	0
8:50 AM	0	1	0	1	2	8:50 AM	0	0	0	0	0	8:50 AM	0	0	0	0	0
8:55 AM	0	1	0	1	2	8:55 AM	0	0	0	0	0	8:55 AM	1	0	0	0	1
Count Total	5	31	0	44	80	Count Total	0	1	0	0	1	Count Total	1	0	1	0	2
Peak Hour	0	23	0	31	54	Peak Hour	0	1	0	0	1	Peak Hour	0	0	1	0	1



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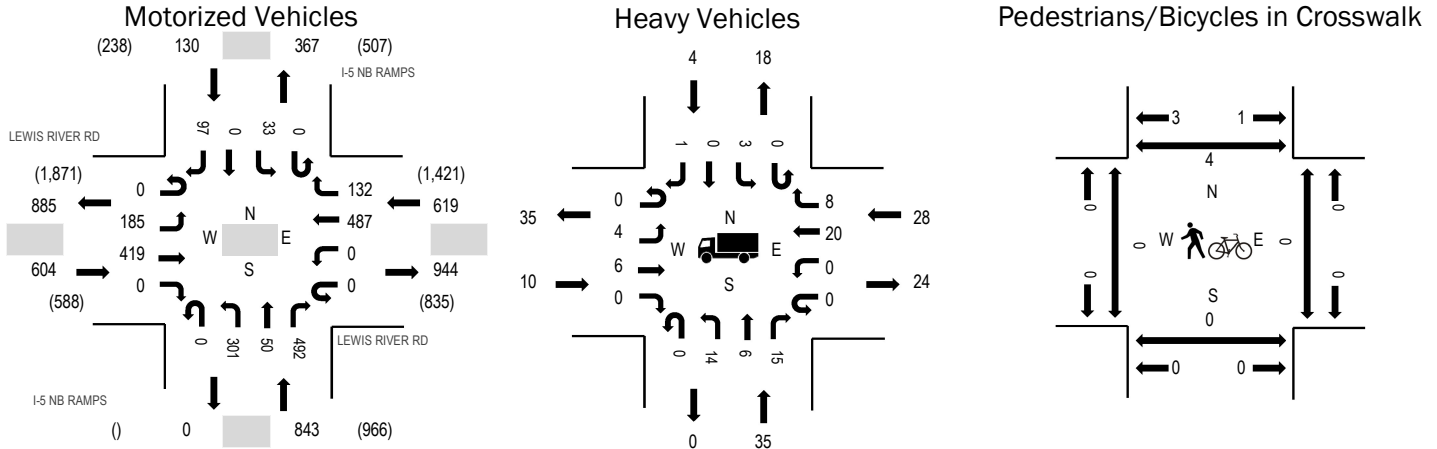
Location: 4 I-5 NB RAMPS & LEWIS RIVER RD AM

Date: Thursday, September 22, 2022

Study Peak Hour: 08:55 AM - 09:55 AM

Peak 15-Minutes in Study Peak Hour: 08:55 AM - 09:10 AM

Study Peak Hour (for all study intersections)



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	LEWIS RIVER RD Eastbound				LEWIS RIVER RD Westbound				I-5 NB RAMPS Northbound				I-5 NB RAMPS Southbound				Total	Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right		
7:00 AM	0	12	11	0	0	0	52	11	0	14	3	19	0	0	0	10	132	1,564
7:05 AM	0	6	6	0	0	0	62	9	0	17	2	14	0	2	0	10	128	1,539
7:10 AM	0	4	13	0	0	0	43	5	0	24	2	16	0	2	0	2	111	1,539
7:15 AM	0	5	10	0	0	0	51	7	0	15	0	10	0	0	0	7	105	1,540
7:20 AM	0	4	11	0	0	0	54	6	0	22	1	22	0	0	0	7	127	1,579
7:25 AM	0	6	4	0	0	0	60	6	0	20	3	22	0	1	0	8	130	1,585
7:30 AM	0	5	10	0	0	0	58	9	0	31	1	17	0	0	0	8	139	1,602
7:35 AM	0	11	9	0	0	0	55	9	0	19	4	10	0	1	0	11	129	1,618
7:40 AM	0	11	21	0	0	0	57	5	0	12	2	18	0	0	0	5	131	1,645
7:45 AM	0	10	9	0	0	0	63	11	0	25	5	17	0	0	0	12	152	1,667
7:50 AM	0	4	13	0	0	0	50	4	0	28	3	13	0	4	0	9	128	1,650
7:55 AM	0	9	22	0	0	0	47	13	0	23	6	25	0	0	0	7	152	1,663
8:00 AM	0	9	21	0	0	0	17	5	0	24	3	18	0	1	0	9	107	1,649
8:05 AM	0	5	12	0	0	0	55	8	0	13	4	20	0	1	0	10	128	
8:10 AM	0	10	13	0	0	0	38	8	0	16	3	15	0	1	0	8	112	
8:15 AM	0	7	13	0	0	0	57	15	0	18	2	17	0	1	0	14	144	
8:20 AM	0	9	17	0	0	0	43	9	0	30	0	16	0	2	0	7	133	
8:25 AM	0	8	30	0	0	0	53	7	0	14	3	15	0	3	0	14	147	
8:30 AM	0	13	21	0	0	0	59	10	0	14	2	20	0	0	0	16	155	
8:35 AM	0	14	29	0	0	0	59	13	0	8	2	16	0	0	0	15	156	
8:40 AM	0	14	23	0	0	0	55	9	0	23	4	19	0	3	0	3	153	
8:45 AM	0	9	25	0	0	0	34	11	0	22	7	19	0	0	0	8	135	
8:50 AM	0	10	25	0	0	0	35	17	0	11	5	26	0	1	0	11	141	
8:55 AM	0	10	15	0	0	0	31	26	0	25	2	25	0	0	0	4	138	
Count Total	0	205	383	0	0	0	1,188	233	0	468	69	429	0	23	0	215	3,213	
Peak Hour	0	185	419	0	0	0	487	132	0	301	50	492	0	33	0	97	2,196	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles on Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
7:00 AM	5	3	4	0	12	7:00 AM	0	0	0	0	0	7:00 AM	0	0	0	0	0
7:05 AM	3	4	1	0	8	7:05 AM	0	0	0	0	0	7:05 AM	0	0	0	0	0
7:10 AM	4	1	0	1	6	7:10 AM	0	0	0	0	0	7:10 AM	0	0	0	1	1
7:15 AM	1	0	1	0	2	7:15 AM	0	0	0	0	0	7:15 AM	0	1	0	0	1
7:20 AM	2	3	3	0	8	7:20 AM	0	0	0	0	0	7:20 AM	0	0	0	0	0
7:25 AM	0	5	3	1	9	7:25 AM	0	0	0	0	0	7:25 AM	0	0	0	0	0
7:30 AM	4	4	3	0	11	7:30 AM	0	0	0	0	0	7:30 AM	0	0	0	0	0
7:35 AM	1	2	3	0	6	7:35 AM	0	0	0	0	0	7:35 AM	0	0	0	0	0
7:40 AM	5	4	3	0	12	7:40 AM	0	0	0	0	0	7:40 AM	0	0	0	0	0
7:45 AM	2	5	0	0	7	7:45 AM	0	0	0	0	0	7:45 AM	0	1	0	0	1
7:50 AM	2	1	2	0	5	7:50 AM	0	0	0	0	0	7:50 AM	0	0	0	0	0
7:55 AM	4	3	5	0	12	7:55 AM	0	0	0	0	0	7:55 AM	0	1	0	0	1
8:00 AM	1	8	2	0	11	8:00 AM	0	0	0	0	0	8:00 AM	0	0	0	0	0
8:05 AM	3	2	3	1	9	8:05 AM	0	0	0	0	0	8:05 AM	0	0	0	0	0
8:10 AM	0	5	2	0	7	8:10 AM	0	0	0	0	0	8:10 AM	0	0	0	0	0
8:15 AM	0	10	5	2	17	8:15 AM	0	0	0	0	0	8:15 AM	0	0	0	0	0
8:20 AM	1	1	6	0	8	8:20 AM	0	0	0	0	0	8:20 AM	0	0	0	0	0
8:25 AM	2	2	4	1	9	8:25 AM	0	0	0	0	0	8:25 AM	0	0	0	0	0
8:30 AM	1	3	3	1	8	8:30 AM	0	0	0	0	0	8:30 AM	0	0	0	0	0
8:35 AM	6	5	3	2	16	8:35 AM	0	0	0	0	0	8:35 AM	0	0	0	0	0
8:40 AM	4	1	4	0	9	8:40 AM	0	0	0	0	0	8:40 AM	0	0	0	0	0
8:45 AM	2	4	5	0	11	8:45 AM	0	0	0	0	0	8:45 AM	0	0	0	0	0
8:50 AM	4	4	3	1	12	8:50 AM	0	0	0	1	1	8:50 AM	0	0	0	0	0
8:55 AM	2	2	3	0	7	8:55 AM	0	0	0	0	0	8:55 AM	0	0	0	0	0
Count Total	59	82	71	10	222	Count Total	0	0	0	1	1	Count Total	0	3	0	1	4
Peak Hour	10	35	28	4	77	Peak Hour	0	0	0	1	1	Peak Hour	0	0	0	4	4



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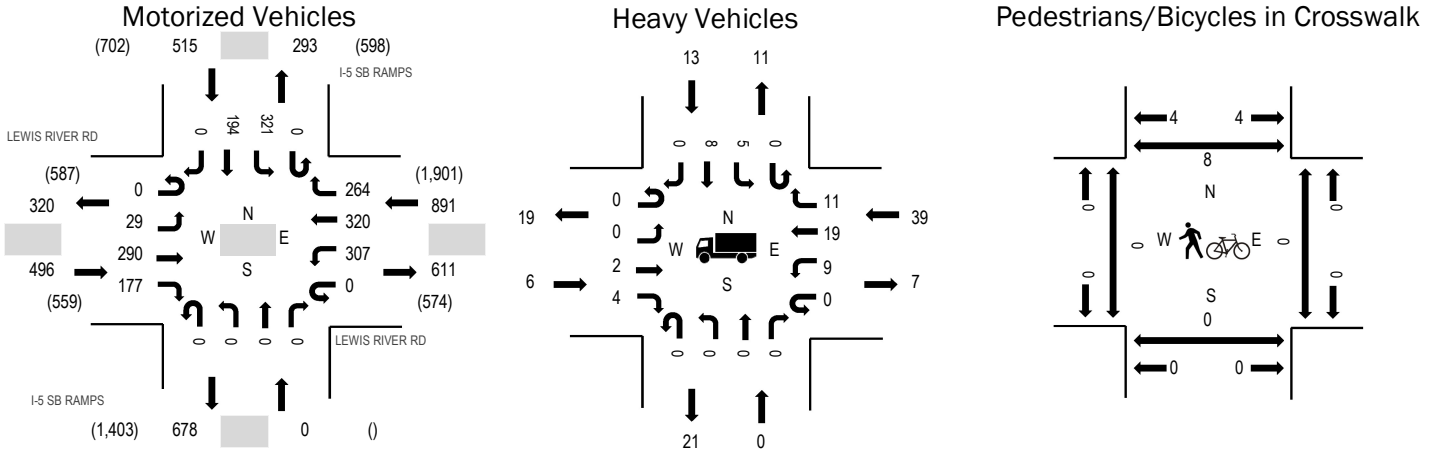
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Traffic Counts - Motorized Vehicles

Interval Start Time	LEWIS RIVER RD Eastbound				LEWIS RIVER RD Westbound				I-5 SB RAMPS Northbound				I-5 SB RAMPS Southbound				Total	Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right		
7:00 AM	0	1	12	11	0	48	12	15	0	0	0	0	0	4	7	0	110	1,522
7:05 AM	0	0	4	11	0	50	18	18	0	0	0	0	0	8	16	0	125	1,550
7:10 AM	0	1	11	8	0	35	17	20	0	0	0	0	0	12	20	0	124	1,559
7:15 AM	0	1	5	8	0	30	15	23	0	0	0	0	0	6	12	0	100	1,557
7:20 AM	0	1	7	14	0	46	18	25	0	0	0	0	0	6	20	0	137	1,587
7:25 AM	0	2	2	13	0	43	19	19	0	0	0	0	0	3	10	0	111	1,584
7:30 AM	0	2	3	5	0	47	30	21	0	0	0	0	0	16	19	0	143	1,637
7:35 AM	0	3	10	11	0	44	25	25	0	0	0	0	0	9	11	0	138	1,636
7:40 AM	0	3	14	16	0	32	25	17	0	0	0	0	0	12	18	0	137	1,660
7:45 AM	0	2	9	9	0	35	32	26	0	0	0	0	0	11	16	0	140	1,682
7:50 AM	0	4	15	6	0	28	36	27	0	0	0	0	0	14	14	0	144	1,676
7:55 AM	0	6	10	3	0	24	20	24	0	0	0	0	0	12	14	0	113	1,640
8:00 AM	0	8	13	6	0	27	26	24	0	0	0	0	0	14	20	0	138	1,640
8:05 AM	0	7	6	6	0	24	41	21	0	0	0	0	0	8	21	0	134	
8:10 AM	0	4	10	11	0	23	23	17	0	0	0	0	0	19	15	0	122	
8:15 AM	0	5	5	9	0	24	27	27	0	0	0	0	0	14	19	0	130	
8:20 AM	0	1	9	11	0	24	30	25	0	0	0	0	0	15	19	0	134	
8:25 AM	0	3	25	9	0	40	42	23	0	0	0	0	0	12	10	0	164	
8:30 AM	0	1	18	11	0	19	33	22	0	0	0	0	0	19	19	0	142	
8:35 AM	0	5	30	16	0	34	29	16	0	0	0	0	0	15	17	0	162	
8:40 AM	0	3	16	13	0	43	19	27	0	0	0	0	0	19	19	0	159	
8:45 AM	0	5	14	9	0	29	16	21	0	0	0	0	0	20	20	0	134	
8:50 AM	0	3	9	5	0	24	12	20	0	0	0	0	0	23	12	0	108	
8:55 AM	0	4	2	4	0	18	22	20	0	0	0	0	0	24	19	0	113	
Count Total	0	75	259	225	0	791	587	523	0	0	0	0	0	315	387	0	3,162	
Peak Hour	0	29	290	177	0	307	320	264	0	0	0	0	0	321	194	0	1,902	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles on Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
7:00 AM	1	0	5	0	6	7:00 AM	0	0	0	0	0	7:00 AM	0	0	0	0	0
7:05 AM	3	0	2	3	8	7:05 AM	0	0	0	0	0	7:05 AM	0	0	0	0	0
7:10 AM	4	0	1	0	5	7:10 AM	0	0	0	0	0	7:10 AM	0	0	0	0	0
7:15 AM	0	0	1	0	1	7:15 AM	0	0	0	0	0	7:15 AM	0	0	0	0	0
7:20 AM	1	0	5	2	8	7:20 AM	0	0	0	0	0	7:20 AM	0	0	0	0	0
7:25 AM	2	0	5	0	7	7:25 AM	0	0	0	0	0	7:25 AM	0	0	0	0	0
7:30 AM	1	0	4	2	7	7:30 AM	0	0	0	0	0	7:30 AM	0	0	0	0	0
7:35 AM	0	0	5	0	5	7:35 AM	0	0	0	0	0	7:35 AM	0	0	0	0	0
7:40 AM	5	0	4	1	10	7:40 AM	0	0	0	0	0	7:40 AM	0	0	0	0	0
7:45 AM	3	0	3	3	9	7:45 AM	0	0	0	0	0	7:45 AM	0	0	0	0	0
7:50 AM	2	0	4	2	8	7:50 AM	0	0	0	0	0	7:50 AM	0	0	0	0	0
7:55 AM	1	0	3	1	5	7:55 AM	0	0	0	0	0	7:55 AM	0	1	0	0	1
8:00 AM	0	0	8	4	12	8:00 AM	0	0	0	0	0	8:00 AM	0	0	0	0	0
8:05 AM	1	0	4	4	9	8:05 AM	0	0	0	0	0	8:05 AM	0	0	0	0	0
8:10 AM	0	0	3	1	4	8:10 AM	0	0	0	0	0	8:10 AM	0	0	0	1	1
8:15 AM	1	0	7	2	10	8:15 AM	0	0	0	0	0	8:15 AM	0	0	0	0	0
8:20 AM	0	0	5	3	8	8:20 AM	0	0	0	0	0	8:20 AM	0	0	0	0	0
8:25 AM	1	0	7	1	9	8:25 AM	0	0	0	0	0	8:25 AM	0	0	0	0	0
8:30 AM	1	0	6	2	9	8:30 AM	0	0	0	0	0	8:30 AM	0	0	0	0	0
8:35 AM	8	0	5	4	17	8:35 AM	0	0	0	0	0	8:35 AM	0	0	0	0	0
8:40 AM	4	0	3	1	8	8:40 AM	0	0	0	0	0	8:40 AM	0	0	0	0	0
8:45 AM	0	0	7	4	11	8:45 AM	0	0	0	0	0	8:45 AM	0	0	0	0	0
8:50 AM	1	0	3	1	5	8:50 AM	0	0	0	0	0	8:50 AM	0	0	0	0	0
8:55 AM	1	0	0	2	3	8:55 AM	0	0	0	0	0	8:55 AM	0	0	0	1	1
Count Total	41	0	100	43	184	Count Total	0	0	0	0	0	Count Total	0	1	0	2	3
Peak Hour	6	0	39	13	58	Peak Hour	0	0	0	0	0	Peak Hour	0	0	0	8	8



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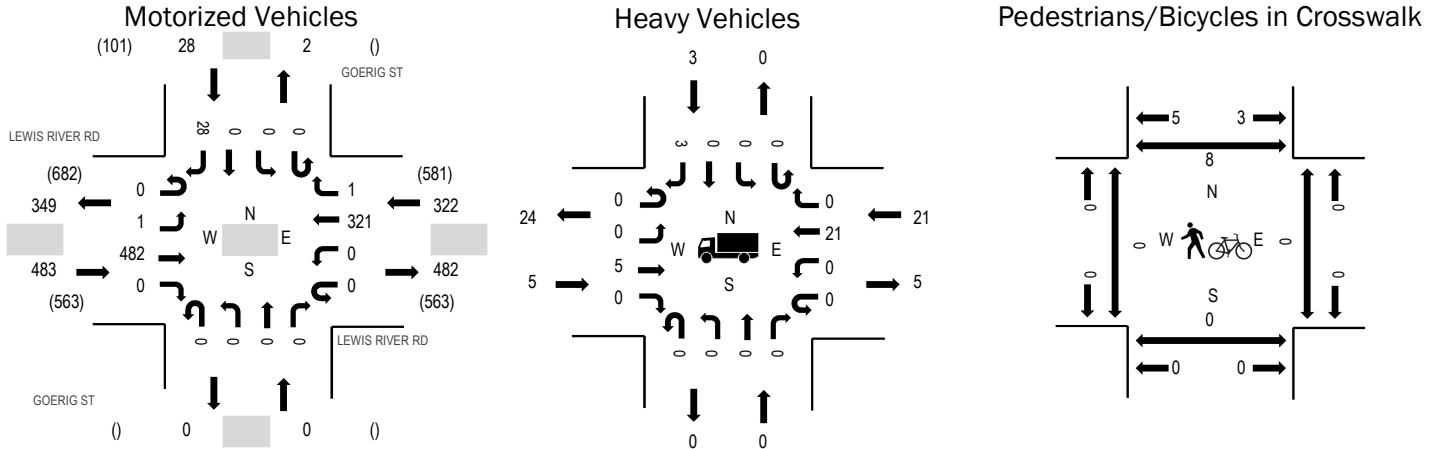
Location: 2 GOERIG ST & LEWIS RIVER RD AM

Date: Thursday, September 22, 2022

Study Peak Hour: 08:55 AM - 09:55 AM

Peak 15-Minutes in Study Peak Hour: 08:55 AM - 09:10 AM

Study Peak Hour (for all study intersections)



Note: Total study counts contained in parentheses.

Traffic Counts - Motorized Vehicles

Interval Start Time	LEWIS RIVER RD Eastbound				LEWIS RIVER RD Westbound				GOERIG ST Northbound				GOERIG ST Southbound				Total	Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right		
7:00 AM	0	0	22	0	0	0	13	0	0	0	0	0	0	0	0	5	40	545
7:05 AM	0	0	16	0	0	0	18	0	0	0	0	0	0	0	0	3	37	562
7:10 AM	0	0	21	0	0	0	13	0	0	0	0	0	0	0	0	0	34	587
7:15 AM	0	0	17	0	0	0	13	0	0	0	0	0	0	0	0	3	33	609
7:20 AM	0	0	17	0	0	0	16	0	0	0	0	0	0	0	0	4	37	626
7:25 AM	0	0	18	0	0	0	19	0	0	0	0	0	0	0	0	3	40	648
7:30 AM	0	0	13	0	0	0	26	0	0	0	0	0	0	0	0	3	42	698
7:35 AM	0	0	22	0	0	0	25	0	0	0	0	0	0	0	0	6	53	726
7:40 AM	0	0	28	0	0	0	24	0	0	0	0	0	0	0	0	4	56	762
7:45 AM	0	0	19	0	0	0	35	0	0	0	0	0	0	0	0	2	56	759
7:50 AM	0	0	26	0	0	0	33	0	0	0	0	0	0	0	0	7	66	750
7:55 AM	0	0	26	0	0	0	22	0	0	0	0	0	0	0	0	3	51	712
8:00 AM	0	0	23	0	0	0	29	0	0	0	0	0	0	0	0	5	57	700
8:05 AM	0	0	18	0	0	0	38	0	0	0	0	0	0	0	0	6	62	
8:10 AM	0	0	25	0	0	0	24	0	0	0	0	0	0	0	0	7	56	
8:15 AM	0	0	19	0	0	0	28	0	0	0	0	0	0	0	0	3	50	
8:20 AM	0	0	23	0	0	0	31	0	0	0	0	0	0	0	0	5	59	
8:25 AM	0	0	41	0	0	0	41	0	0	0	0	0	0	0	0	8	90	
8:30 AM	0	0	33	0	0	0	34	0	0	0	0	0	0	0	0	3	70	
8:35 AM	0	0	55	0	0	0	29	0	0	0	0	0	0	0	0	5	89	
8:40 AM	0	0	29	0	0	0	20	0	0	0	0	0	0	0	0	4	53	
8:45 AM	0	0	27	0	0	0	16	0	0	0	0	0	0	0	0	4	47	
8:50 AM	0	0	14	0	0	0	12	0	0	0	0	0	0	0	0	2	28	
8:55 AM	0	0	11	0	0	0	22	0	0	0	0	0	0	0	0	6	39	
Count Total	0	0	563	0	0	0	581	0	0	0	0	0	0	0	0	101	1,245	
Peak Hour	0	1	482	0	0	0	321	1	0	0	0	0	0	0	0	28	833	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles on Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
7:00 AM	0	0	0	0	0	7:00 AM	0	0	0	0	0	7:00 AM	0	0	0	0	0
7:05 AM	2	0	0	0	2	7:05 AM	0	0	0	0	0	7:05 AM	0	0	0	0	0
7:10 AM	4	0	0	0	4	7:10 AM	0	0	0	0	0	7:10 AM	0	0	0	0	0
7:15 AM	1	0	0	0	1	7:15 AM	0	0	0	0	0	7:15 AM	0	0	0	0	0
7:20 AM	0	0	0	0	0	7:20 AM	0	0	0	0	0	7:20 AM	0	0	0	0	0
7:25 AM	2	0	0	0	2	7:25 AM	0	0	0	0	0	7:25 AM	0	0	0	0	0
7:30 AM	1	0	2	0	3	7:30 AM	0	0	0	0	0	7:30 AM	0	0	0	0	0
7:35 AM	0	0	2	0	2	7:35 AM	0	0	0	0	0	7:35 AM	0	0	0	1	1
7:40 AM	1	0	1	0	2	7:40 AM	0	0	0	0	0	7:40 AM	0	0	0	0	0
7:45 AM	3	0	1	0	4	7:45 AM	0	0	0	0	0	7:45 AM	0	0	0	0	0
7:50 AM	2	0	3	1	6	7:50 AM	0	0	0	0	0	7:50 AM	0	0	0	1	1
7:55 AM	1	0	0	0	1	7:55 AM	0	0	0	0	0	7:55 AM	0	0	0	0	0
8:00 AM	1	0	3	1	5	8:00 AM	0	0	0	0	0	8:00 AM	0	0	0	0	0
8:05 AM	0	0	3	0	3	8:05 AM	0	0	0	0	0	8:05 AM	0	0	0	0	0
8:10 AM	1	0	0	0	1	8:10 AM	0	0	0	0	0	8:10 AM	0	0	0	0	0
8:15 AM	0	0	2	1	3	8:15 AM	0	0	0	0	0	8:15 AM	0	0	0	0	0
8:20 AM	0	0	2	0	2	8:20 AM	0	0	0	0	0	8:20 AM	0	0	0	0	0
8:25 AM	2	0	4	0	6	8:25 AM	0	0	0	0	0	8:25 AM	0	0	0	0	0
8:30 AM	1	0	4	0	5	8:30 AM	0	0	0	0	0	8:30 AM	0	0	0	0	0
8:35 AM	9	0	3	0	12	8:35 AM	0	0	0	0	0	8:35 AM	0	0	0	0	0
8:40 AM	3	0	0	0	3	8:40 AM	0	0	0	0	0	8:40 AM	0	0	0	0	0
8:45 AM	0	0	3	0	3	8:45 AM	0	0	0	0	0	8:45 AM	0	0	0	0	0
8:50 AM	1	0	1	0	2	8:50 AM	0	0	0	0	0	8:50 AM	0	0	0	0	0
8:55 AM	1	0	0	1	2	8:55 AM	0	0	0	0	0	8:55 AM	0	0	0	1	1
Count Total	36	0	34	4	74	Count Total	0	0	0	0	0	Count Total	0	0	0	3	3
Peak Hour	5	0	21	3	29	Peak Hour	0	0	0	0	0	Peak Hour	0	0	0	8	8



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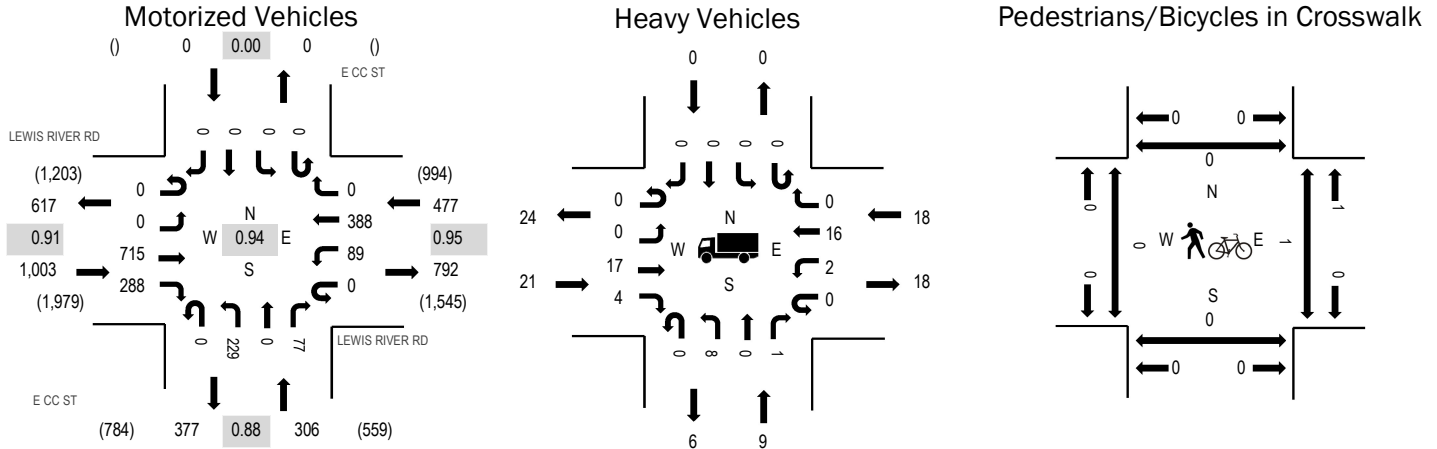
Location: 5 E CC ST & LEWIS RIVER RD PM

Date: Thursday, September 22, 2022

Study Peak Hour: 04:20 PM - 05:20 PM

Peak 15-Minutes in Study Peak Hour: 05:05 PM - 05:20 PM

Study Peak Hour (for all study intersections)



Note: Total study counts contained in parentheses.

	HV%	PHF
EB	2.1%	0.91
WB	3.8%	0.95
NB	2.9%	0.88
SB	0.0%	0.00
All	2.7%	0.94

Traffic Counts - Motorized Vehicles

Interval Start Time	LEWIS RIVER RD Eastbound				LEWIS RIVER RD Westbound				E CC ST Northbound				E CC ST Southbound				Total	Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right		
4:00 PM	0	0	49	26	0	6	37	0	0	15	0	6	0	0	0	0	139	1,751
4:05 PM	0	0	53	22	0	14	30	0	0	13	0	4	0	0	0	0	136	1,754
4:10 PM	0	0	46	35	0	7	39	0	0	13	0	4	0	0	0	0	144	1,775
4:15 PM	0	0	54	33	0	13	34	0	0	23	0	5	0	0	0	0	162	1,785
4:20 PM	0	0	55	22	0	12	39	0	0	25	0	5	0	0	0	0	158	1,786
4:25 PM	0	0	61	32	0	6	37	0	0	16	0	3	0	0	0	0	155	1,778
4:30 PM	0	0	70	26	0	7	24	0	0	13	0	4	0	0	0	0	144	1,778
4:35 PM	0	0	51	24	0	9	30	0	0	23	0	10	0	0	0	0	147	1,767
4:40 PM	0	0	65	27	0	12	31	0	0	12	0	10	0	0	0	0	157	1,756
4:45 PM	0	0	58	15	0	4	31	0	0	22	0	7	0	0	0	0	137	1,749
4:50 PM	0	0	57	23	0	4	28	0	0	24	0	10	0	0	0	0	146	1,761
4:55 PM	0	0	46	15	0	10	31	0	0	20	0	4	0	0	0	0	126	1,779
5:00 PM	0	0	54	26	0	7	31	0	0	17	0	7	0	0	0	0	142	1,781
5:05 PM	0	0	69	22	0	6	32	0	0	23	0	5	0	0	0	0	157	
5:10 PM	0	0	65	25	0	8	38	0	0	15	0	3	0	0	0	0	154	
5:15 PM	0	0	64	31	0	4	36	0	0	19	0	9	0	0	0	0	163	
5:20 PM	0	0	71	22	0	7	30	0	0	11	0	9	0	0	0	0	150	
5:25 PM	0	0	62	19	0	7	34	0	0	24	0	9	0	0	0	0	155	
5:30 PM	0	0	54	13	0	11	39	0	0	14	0	2	0	0	0	0	133	
5:35 PM	0	0	59	23	0	7	28	0	0	14	0	5	0	0	0	0	136	
5:40 PM	0	0	53	32	0	11	31	0	0	14	0	9	0	0	0	0	150	
5:45 PM	0	0	62	29	0	5	38	0	0	12	0	3	0	0	0	0	149	
5:50 PM	0	0	61	24	0	9	37	0	0	19	0	14	0	0	0	0	164	
5:55 PM	0	0	53	21	0	11	32	0	0	5	0	6	0	0	0	0	128	
Count Total	0	0	1,392	587	0	197	797	0	0	406	0	153	0	0	0	0	3,532	
Peak Hour	0	0	715	288	0	89	388	0	0	229	0	77	0	0	0	0	1,786	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles on Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
4:00 PM	2	2	0	0	4	4:00 PM	0	0	0	0	0	4:00 PM	0	0	0	0	0
4:05 PM	1	2	3	0	6	4:05 PM	0	0	0	0	0	4:05 PM	0	0	0	0	0
4:10 PM	6	0	5	0	11	4:10 PM	0	0	0	0	0	4:10 PM	0	0	0	0	0
4:15 PM	3	0	3	0	6	4:15 PM	0	0	0	0	0	4:15 PM	0	0	0	0	0
4:20 PM	1	0	1	0	2	4:20 PM	0	0	0	0	0	4:20 PM	0	0	0	0	0
4:25 PM	2	2	3	0	7	4:25 PM	0	0	0	0	0	4:25 PM	0	0	1	0	1
4:30 PM	3	0	2	0	5	4:30 PM	0	0	0	0	0	4:30 PM	0	0	0	0	0
4:35 PM	1	1	3	0	5	4:35 PM	0	0	0	0	0	4:35 PM	0	0	0	0	0
4:40 PM	2	0	2	0	4	4:40 PM	0	0	0	0	0	4:40 PM	0	0	0	0	0
4:45 PM	1	3	1	0	5	4:45 PM	0	0	0	0	0	4:45 PM	0	0	0	0	0
4:50 PM	0	0	2	0	2	4:50 PM	0	0	0	0	0	4:50 PM	0	0	0	0	0
4:55 PM	3	1	1	0	5	4:55 PM	0	0	0	0	0	4:55 PM	0	0	0	0	0
5:00 PM	1	0	0	0	1	5:00 PM	1	0	0	0	1	5:00 PM	0	0	0	0	0
5:05 PM	3	1	1	0	5	5:05 PM	0	0	0	0	0	5:05 PM	0	0	0	0	0
5:10 PM	3	0	1	0	4	5:10 PM	0	0	0	0	0	5:10 PM	0	0	0	0	0
5:15 PM	1	1	1	0	3	5:15 PM	0	0	0	0	0	5:15 PM	0	0	0	0	0
5:20 PM	3	2	1	0	6	5:20 PM	0	0	0	0	0	5:20 PM	0	0	0	0	0
5:25 PM	6	2	2	0	10	5:25 PM	0	0	0	0	0	5:25 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0	5:30 PM	0	0	0	0	0	5:30 PM	0	0	0	0	0
5:35 PM	1	0	2	0	3	5:35 PM	0	0	0	0	0	5:35 PM	0	0	0	0	0
5:40 PM	0	1	1	0	2	5:40 PM	0	0	0	0	0	5:40 PM	0	0	0	0	0
5:45 PM	2	0	1	0	3	5:45 PM	0	0	0	0	0	5:45 PM	0	0	0	0	0
5:50 PM	2	1	1	0	4	5:50 PM	0	0	0	0	0	5:50 PM	0	0	0	0	0
5:55 PM	0	0	2	0	2	5:55 PM	0	0	0	0	0	5:55 PM	0	0	0	0	0
Count Total	47	19	39	0	105	Count Total	1	0	0	0	1	Count Total	0	0	1	0	1
Peak Hour	21	9	18	0	48	Peak Hour	1	0	0	0	1	Peak Hour	0	0	1	0	1

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles on Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
4:00 PM	0	0	0	0	0	4:00 PM	0	0	0	0	0	4:00 PM	2	0	0	0	2
4:05 PM	0	2	0	4	6	4:05 PM	0	0	0	0	0	4:05 PM	0	0	0	0	0
4:10 PM	0	0	0	1	1	4:10 PM	0	0	0	0	0	4:10 PM	0	0	0	0	0
4:15 PM	0	1	0	1	2	4:15 PM	0	0	0	0	0	4:15 PM	0	0	0	0	0
4:20 PM	0	0	0	4	4	4:20 PM	0	0	0	0	0	4:20 PM	1	0	0	0	1
4:25 PM	0	1	0	3	4	4:25 PM	0	0	0	0	0	4:25 PM	1	0	0	0	1
4:30 PM	0	1	0	1	2	4:30 PM	0	0	0	0	0	4:30 PM	0	0	0	0	0
4:35 PM	0	0	0	2	2	4:35 PM	0	0	0	0	0	4:35 PM	1	0	0	0	1
4:40 PM	1	0	0	2	3	4:40 PM	0	0	0	0	0	4:40 PM	0	0	0	0	0
4:45 PM	0	0	0	2	2	4:45 PM	0	0	0	0	0	4:45 PM	0	0	0	0	0
4:50 PM	0	0	0	3	3	4:50 PM	0	0	0	0	0	4:50 PM	1	0	0	0	1
4:55 PM	0	2	0	2	4	4:55 PM	0	0	0	0	0	4:55 PM	0	0	0	0	0
5:00 PM	1	0	0	1	2	5:00 PM	0	0	0	0	0	5:00 PM	0	0	0	0	0
5:05 PM	1	1	0	1	3	5:05 PM	0	0	0	0	0	5:05 PM	2	0	0	0	2
5:10 PM	0	1	0	1	2	5:10 PM	0	0	0	0	0	5:10 PM	0	0	0	0	0
5:15 PM	0	0	0	1	1	5:15 PM	0	0	0	0	0	5:15 PM	1	0	0	0	1
5:20 PM	0	1	0	1	2	5:20 PM	0	0	0	0	0	5:20 PM	0	0	0	0	0
5:25 PM	0	0	0	0	0	5:25 PM	0	0	0	0	0	5:25 PM	0	0	0	0	0
5:30 PM	0	0	0	2	2	5:30 PM	0	0	0	0	0	5:30 PM	0	0	0	0	0
5:35 PM	0	0	0	2	2	5:35 PM	0	0	0	0	0	5:35 PM	0	0	0	0	0
5:40 PM	0	0	0	1	1	5:40 PM	0	0	0	0	0	5:40 PM	1	0	2	0	3
5:45 PM	0	2	0	1	3	5:45 PM	0	0	0	0	0	5:45 PM	0	0	0	0	0
5:50 PM	0	0	0	0	0	5:50 PM	0	0	0	0	0	5:50 PM	0	0	0	0	0
5:55 PM	0	1	0	0	1	5:55 PM	0	0	0	0	0	5:55 PM	1	0	2	0	3
Count Total	3	13	0	36	52	Count Total	0	0	0	0	0	Count Total	11	0	4	0	15
Peak Hour	3	7	0	20	30	Peak Hour	0	0	0	0	0	Peak Hour	6	0	0	0	6



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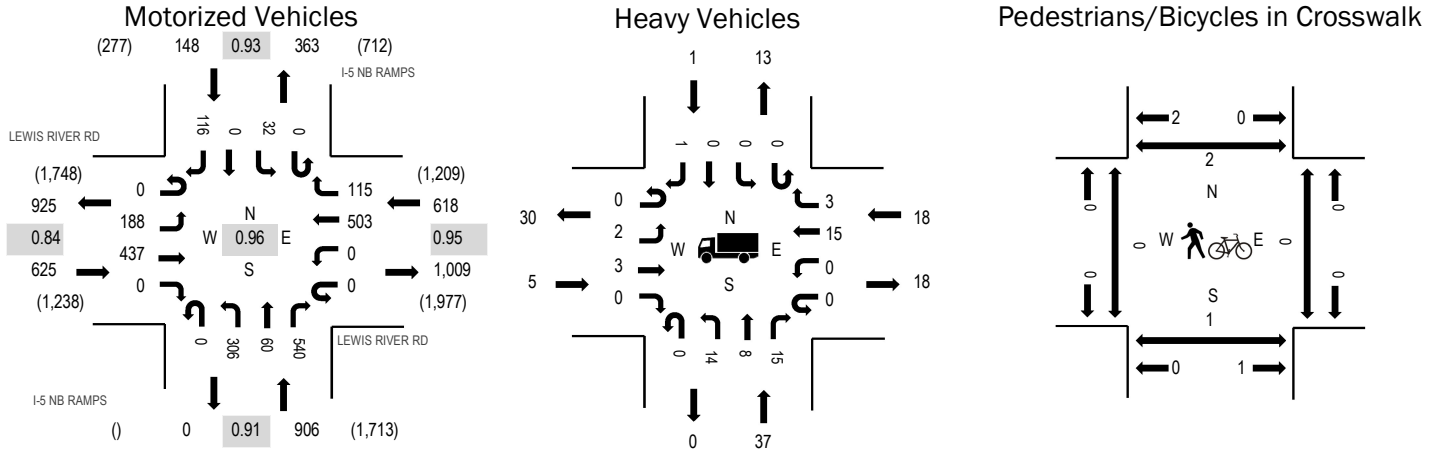
Location: 4 I-5 NB RAMPS & LEWIS RIVER RD PM

Date: Thursday, September 22, 2022

Study Peak Hour: 04:20 PM - 05:20 PM

Peak 15-Minutes in Study Peak Hour: 05:05 PM - 05:20 PM

Study Peak Hour (for all study intersections)



Note: Total study counts contained in parentheses.

	HV%	PHF
EB	0.8%	0.84
WB	2.9%	0.95
NB	4.1%	0.91
SB	0.7%	0.93
All	2.7%	0.96

Traffic Counts - Motorized Vehicles

Interval Start Time	LEWIS RIVER RD Eastbound				LEWIS RIVER RD Westbound				I-5 NB RAMPS Northbound				I-5 NB RAMPS Southbound				Total	Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right		
4:00 PM	0	12	36	0	0	0	42	11	0	25	4	32	0	4	0	12	178	2,237
4:05 PM	0	21	36	0	0	0	32	11	0	22	7	38	0	2	0	5	174	2,245
4:10 PM	0	15	37	0	0	0	45	7	0	11	8	43	0	2	0	4	172	2,259
4:15 PM	0	19	41	0	0	0	49	9	0	25	6	40	0	4	0	10	203	2,288
4:20 PM	0	15	36	0	0	0	49	15	0	22	0	38	0	5	0	7	187	2,297
4:25 PM	0	8	44	0	0	0	43	10	0	19	3	44	0	6	0	7	184	2,287
4:30 PM	0	15	46	0	0	0	32	5	0	27	2	45	0	3	0	10	185	2,301
4:35 PM	0	17	31	0	0	0	43	10	0	34	4	44	0	1	0	6	190	2,278
4:40 PM	0	24	42	0	0	0	38	6	0	27	7	49	0	1	0	11	205	2,257
4:45 PM	0	12	26	0	0	0	40	12	0	31	4	45	0	2	0	12	184	2,232
4:50 PM	0	17	29	0	0	0	43	10	0	33	3	49	0	3	0	9	196	2,234
4:55 PM	0	17	16	0	0	0	44	8	0	27	10	45	0	2	0	10	179	2,221
5:00 PM	0	15	28	0	0	0	41	7	0	22	7	50	0	2	0	14	186	2,200
5:05 PM	0	21	44	0	0	0	42	13	0	10	8	42	0	3	0	5	188	2,297
5:10 PM	0	8	45	0	0	0	43	10	0	29	6	44	0	2	0	14	201	2,297
5:15 PM	0	19	50	0	0	0	45	9	0	25	6	45	0	2	0	11	212	2,297
5:20 PM	0	17	33	0	0	0	40	3	0	19	4	53	0	3	0	5	177	2,297
5:25 PM	0	13	33	0	0	0	45	11	0	26	5	49	0	0	0	16	198	2,297
5:30 PM	0	16	31	0	0	0	41	11	0	18	4	33	0	1	0	7	162	2,297
5:35 PM	0	14	32	0	0	0	33	11	0	16	5	47	0	4	0	7	169	2,297
5:40 PM	0	20	32	0	0	0	38	8	0	16	5	49	0	4	0	8	180	2,297
5:45 PM	0	12	43	0	0	0	39	12	0	23	0	46	0	3	0	8	186	2,297
5:50 PM	0	12	36	0	0	0	47	9	0	16	4	44	0	2	0	13	183	2,297
5:55 PM	0	15	37	0	0	0	31	6	0	25	2	37	0	1	0	4	158	2,297
Count Total	0	374	864	0	0	0	985	224	0	548	114	1,051	0	62	0	215	4,437	
Peak Hour	0	188	437	0	0	0	503	115	0	306	60	540	0	32	0	116	2,297	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles on Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
4:00 PM	2	1	2	1	6	4:00 PM	0	0	0	0	0	4:00 PM	0	0	0	2	2
4:05 PM	0	3	5	0	8	4:05 PM	0	0	0	0	0	4:05 PM	0	0	0	0	0
4:10 PM	3	5	4	0	12	4:10 PM	0	0	0	0	0	4:10 PM	0	0	0	0	0
4:15 PM	2	1	1	2	6	4:15 PM	0	0	0	0	0	4:15 PM	0	0	0	0	0
4:20 PM	0	3	1	1	5	4:20 PM	0	0	0	0	0	4:20 PM	0	0	0	1	1
4:25 PM	0	3	4	0	7	4:25 PM	0	0	0	0	0	4:25 PM	0	0	0	1	1
4:30 PM	1	5	2	0	8	4:30 PM	0	0	0	0	0	4:30 PM	0	0	0	0	0
4:35 PM	0	2	1	0	3	4:35 PM	0	0	0	1	1	4:35 PM	0	0	0	0	0
4:40 PM	0	4	0	0	4	4:40 PM	0	0	0	0	0	4:40 PM	0	0	0	0	0
4:45 PM	0	2	3	0	5	4:45 PM	0	0	0	0	0	4:45 PM	0	0	0	0	0
4:50 PM	0	4	2	0	6	4:50 PM	0	0	0	0	0	4:50 PM	0	0	0	0	0
4:55 PM	0	6	1	0	7	4:55 PM	0	0	0	0	0	4:55 PM	0	1	0	0	1
5:00 PM	1	1	0	0	2	5:00 PM	0	0	0	0	0	5:00 PM	0	0	0	0	0
5:05 PM	2	3	2	0	7	5:05 PM	0	0	0	0	0	5:05 PM	0	0	0	0	0
5:10 PM	1	4	1	0	6	5:10 PM	0	0	0	0	0	5:10 PM	0	0	0	0	0
5:15 PM	0	0	1	0	1	5:15 PM	0	0	0	0	0	5:15 PM	0	0	0	0	0
5:20 PM	2	2	1	1	6	5:20 PM	0	0	0	0	0	5:20 PM	0	0	0	0	0
5:25 PM	2	3	2	1	8	5:25 PM	0	0	0	0	0	5:25 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0	5:30 PM	0	0	0	0	0	5:30 PM	0	0	0	0	0
5:35 PM	1	1	2	0	4	5:35 PM	0	0	0	0	0	5:35 PM	0	0	0	0	0
5:40 PM	1	1	0	0	2	5:40 PM	0	0	0	0	0	5:40 PM	0	2	0	0	2
5:45 PM	2	2	1	0	5	5:45 PM	0	0	0	0	0	5:45 PM	0	0	0	1	1
5:50 PM	2	2	1	0	5	5:50 PM	0	0	0	0	0	5:50 PM	0	0	0	0	0
5:55 PM	0	0	0	0	0	5:55 PM	0	0	0	0	0	5:55 PM	0	2	0	0	2
Count Total	22	58	37	6	123	Count Total	0	0	0	1	1	Count Total	0	5	0	5	10
Peak Hour	5	37	18	1	61	Peak Hour	0	0	0	1	1	Peak Hour	0	1	0	2	3



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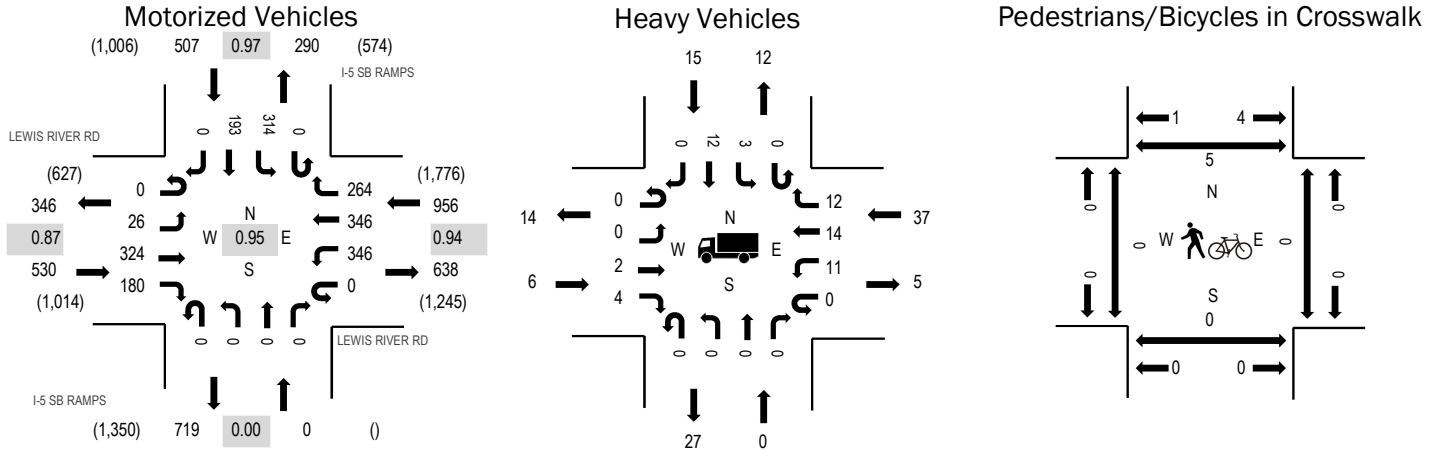
Location: 3 I-5 SB RAMPS & LEWIS RIVER RD PM

Date: Thursday, September 22, 2022

Study Peak Hour: 04:20 PM - 05:20 PM

Peak 15-Minutes in Study Peak Hour: 05:05 PM - 05:20 PM

Study Peak Hour (for all study intersections)



Note: Total study counts contained in parentheses.

	HV%	PHF
EB	1.1%	0.87
WB	3.9%	0.94
NB	0.0%	0.00
SB	3.0%	0.97
All	2.9%	0.95

Traffic Counts - Motorized Vehicles

Interval Start Time	LEWIS RIVER RD Eastbound				LEWIS RIVER RD Westbound				I-5 SB RAMPS Northbound				I-5 SB RAMPS Southbound				Total	Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right		
4:00 PM	0	2	23	16	0	29	26	24	0	0	0	0	0	26	9	0	155	1,958
4:05 PM	0	3	31	27	0	20	24	20	0	0	0	0	0	30	12	0	167	1,961
4:10 PM	0	5	23	15	0	35	9	14	0	0	0	0	0	28	23	0	152	1,963
4:15 PM	0	2	35	18	0	22	23	26	0	0	0	0	0	27	18	0	171	1,990
4:20 PM	0	1	21	9	0	27	34	18	0	0	0	0	0	27	15	0	152	1,993
4:25 PM	0	4	24	14	0	25	29	18	0	0	0	0	0	30	17	0	161	1,978
4:30 PM	0	4	33	19	0	25	23	26	0	0	0	0	0	26	16	0	172	1,970
4:35 PM	0	1	28	19	0	23	27	31	0	0	0	0	0	23	18	0	170	1,956
4:40 PM	0	0	29	12	0	34	29	23	0	0	0	0	0	28	17	0	172	1,929
4:45 PM	0	0	15	14	0	22	37	19	0	0	0	0	0	26	15	0	148	1,883
4:50 PM	0	3	26	10	0	27	37	25	0	0	0	0	0	26	15	0	169	1,889
4:55 PM	0	4	26	20	0	31	31	16	0	0	0	0	0	18	23	0	169	1,866
5:00 PM	0	3	22	16	0	34	23	21	0	0	0	0	0	26	13	0	158	1,838
5:05 PM	0	2	36	19	0	33	18	21	0	0	0	0	0	32	8	0	169	
5:10 PM	0	2	29	16	0	37	27	24	0	0	0	0	0	28	16	0	179	
5:15 PM	0	2	35	12	0	28	31	22	0	0	0	0	0	24	20	0	174	
5:20 PM	0	2	26	9	0	23	31	10	0	0	0	0	0	20	16	0	137	
5:25 PM	0	5	19	18	0	29	23	19	0	0	0	0	0	27	13	0	153	
5:30 PM	0	2	25	18	0	21	27	27	0	0	0	0	0	21	17	0	158	
5:35 PM	0	5	25	10	0	21	18	19	0	0	0	0	0	30	15	0	143	
5:40 PM	0	0	20	4	0	13	24	19	0	0	0	0	0	27	19	0	126	
5:45 PM	0	2	22	15	0	29	21	27	0	0	0	0	0	30	8	0	154	
5:50 PM	0	4	17	10	0	30	25	20	0	0	0	0	0	27	13	0	146	
5:55 PM	0	5	17	4	0	20	30	22	0	0	0	0	0	31	12	0	141	
Count Total	0	63	607	344	0	638	627	511	0	0	0	0	0	638	368	0	3,796	
Peak Hour	0	26	324	180	0	346	346	264	0	0	0	0	0	314	193	0	1,993	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles on Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
4:00 PM	0	0	0	2	2	4:00 PM	0	0	0	0	0	4:00 PM	0	0	0	3	3
4:05 PM	1	0	5	2	8	4:05 PM	0	0	0	0	0	4:05 PM	0	0	0	0	0
4:10 PM	1	0	5	1	7	4:10 PM	0	0	0	0	0	4:10 PM	0	0	0	0	0
4:15 PM	1	0	1	0	2	4:15 PM	0	0	0	0	0	4:15 PM	0	0	0	0	0
4:20 PM	0	0	5	0	5	4:20 PM	0	0	0	0	0	4:20 PM	0	0	0	1	1
4:25 PM	0	0	6	2	8	4:25 PM	0	0	0	0	0	4:25 PM	0	0	0	3	3
4:30 PM	0	0	5	0	5	4:30 PM	0	0	0	0	0	4:30 PM	0	0	0	0	0
4:35 PM	1	0	2	0	3	4:35 PM	0	0	0	0	0	4:35 PM	0	0	0	0	0
4:40 PM	1	0	3	1	5	4:40 PM	0	0	0	0	0	4:40 PM	0	0	0	0	0
4:45 PM	0	0	2	1	3	4:45 PM	0	0	0	0	0	4:45 PM	0	0	0	0	0
4:50 PM	0	0	5	2	7	4:50 PM	0	0	0	0	0	4:50 PM	0	0	0	0	0
4:55 PM	1	0	0	3	4	4:55 PM	0	0	0	0	0	4:55 PM	0	0	0	0	0
5:00 PM	1	0	3	0	4	5:00 PM	0	0	0	0	0	5:00 PM	0	0	0	0	0
5:05 PM	2	0	4	2	8	5:05 PM	0	0	0	0	0	5:05 PM	0	0	0	1	1
5:10 PM	0	0	1	1	2	5:10 PM	0	0	0	0	0	5:10 PM	0	0	0	0	0
5:15 PM	0	0	1	3	4	5:15 PM	0	0	0	0	0	5:15 PM	0	0	0	0	0
5:20 PM	1	0	1	0	2	5:20 PM	0	0	0	0	0	5:20 PM	0	0	0	0	0
5:25 PM	0	0	3	1	4	5:25 PM	0	0	0	0	0	5:25 PM	0	0	0	0	0
5:30 PM	0	0	0	0	0	5:30 PM	0	0	0	0	0	5:30 PM	0	0	0	0	0
5:35 PM	0	0	2	1	3	5:35 PM	0	0	0	0	0	5:35 PM	0	0	0	0	0
5:40 PM	0	0	1	0	1	5:40 PM	0	0	0	0	0	5:40 PM	0	4	0	1	5
5:45 PM	2	0	1	0	3	5:45 PM	0	0	0	0	0	5:45 PM	0	0	0	0	0
5:50 PM	0	0	1	0	1	5:50 PM	0	0	0	0	0	5:50 PM	0	0	0	0	0
5:55 PM	1	0	1	0	2	5:55 PM	0	0	0	0	0	5:55 PM	0	2	0	0	2
Count Total	13	0	58	22	93	Count Total	0	0	0	0	0	Count Total	0	6	0	9	15
Peak Hour	6	0	37	15	58	Peak Hour	0	0	0	0	0	Peak Hour	0	0	0	5	5



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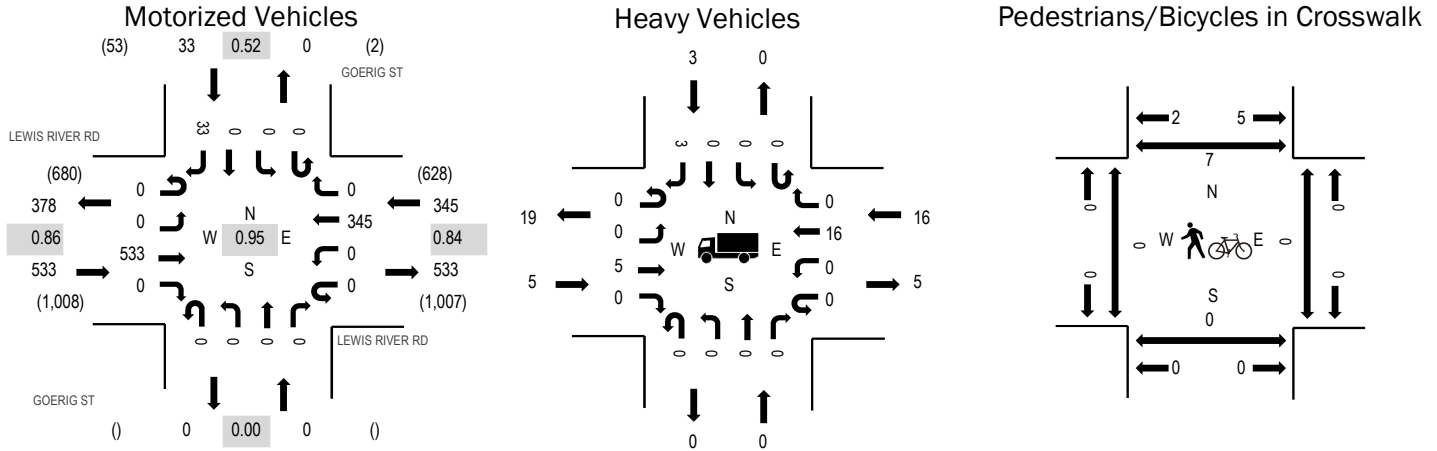
Location: 2 GOERIG ST & LEWIS RIVER RD PM

Date: Thursday, September 22, 2022

Study Peak Hour: 04:20 PM - 05:20 PM

Peak 15-Minutes in Study Peak Hour: 05:05 PM - 05:20 PM

Study Peak Hour (for all study intersections)



Note: Total study counts contained in parentheses.

	HV%	PHF
EB	0.9%	0.86
WB	4.6%	0.84
NB	0.0%	0.00
SB	9.1%	0.52
All	2.6%	0.95

Traffic Counts - Motorized Vehicles

Interval Start Time	LEWIS RIVER RD Eastbound				LEWIS RIVER RD Westbound				GOERIG ST Northbound				GOERIG ST Southbound				Total	Rolling Hour
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right		
4:00 PM	0	1	44	0	0	0	27	0	0	0	0	0	0	0	0	1	73	884
4:05 PM	0	0	54	0	0	0	24	0	0	0	0	0	0	0	0	0	78	884
4:10 PM	0	0	48	0	0	0	9	0	0	0	0	0	0	0	0	0	57	882
4:15 PM	0	0	46	0	0	0	22	1	0	0	0	0	0	0	0	3	72	903
4:20 PM	0	0	37	0	0	0	35	0	0	0	0	0	0	0	0	2	74	911
4:25 PM	0	0	41	0	0	0	29	0	0	0	0	0	0	0	0	1	71	914
4:30 PM	0	0	48	0	0	0	23	0	0	0	0	0	0	0	0	2	73	906
4:35 PM	0	0	48	0	0	0	29	0	0	0	0	0	0	0	0	1	78	911
4:40 PM	0	0	40	0	0	0	29	0	0	0	0	0	0	0	0	1	70	883
4:45 PM	0	0	29	0	0	0	36	0	0	0	0	0	0	0	0	6	71	868
4:50 PM	0	0	36	0	0	0	36	0	0	0	0	0	0	0	0	5	77	860
4:55 PM	0	0	54	0	0	0	31	0	0	0	0	0	0	0	0	5	90	838
5:00 PM	0	0	45	0	0	0	23	0	0	0	0	0	0	0	0	5	73	805
5:05 PM	0	0	56	0	0	0	18	0	0	0	0	0	0	0	0	2	76	911
5:10 PM	0	0	49	0	0	0	27	0	0	0	0	0	0	0	0	2	78	911
5:15 PM	0	0	50	0	0	0	29	0	0	0	0	0	0	0	0	1	80	911
5:20 PM	0	0	43	0	0	0	33	0	0	0	0	0	0	0	0	1	77	911
5:25 PM	0	0	41	0	0	0	22	0	0	0	0	0	0	0	0	0	63	911
5:30 PM	0	0	49	0	0	0	27	0	0	0	0	0	0	0	0	2	78	911
5:35 PM	0	0	30	0	0	0	18	0	0	0	0	0	0	0	0	2	50	911
5:40 PM	0	0	29	0	0	0	24	0	0	0	0	0	0	0	0	2	55	911
5:45 PM	0	0	41	0	0	0	21	0	0	0	0	0	0	0	0	1	63	911
5:50 PM	0	0	25	0	0	0	25	0	0	0	0	0	0	0	0	5	55	911
5:55 PM	0	0	24	0	0	0	30	0	0	0	0	0	0	0	0	3	57	911
Count Total	0	1	1,007	0	0	0	627	1	0	0	0	0	0	0	0	53	1,689	
Peak Hour	0	0	533	0	0	0	345	0	0	0	0	0	0	0	0	33	911	

Traffic Counts - Heavy Vehicles, Bicycles on Road, and Pedestrians/Bicycles on Crosswalk

Interval Start Time	Heavy Vehicles					Interval Start Time	Bicycles on Roadway					Interval Start Time	Pedestrians/Bicycles on Crosswalk				
	EB	NB	WB	SB	Total		EB	NB	WB	SB	Total		EB	NB	WB	SB	Total
4:00 PM	0	0	1	0	1	4:00 PM	0	0	0	0	0	4:00 PM	0	0	0	2	2
4:05 PM	2	0	4	0	6	4:05 PM	0	0	0	0	0	4:05 PM	0	0	0	0	0
4:10 PM	0	0	1	0	1	4:10 PM	0	0	0	0	0	4:10 PM	0	0	0	0	0
4:15 PM	1	0	1	0	2	4:15 PM	0	0	0	0	0	4:15 PM	0	0	0	0	0
4:20 PM	0	0	3	0	3	4:20 PM	0	0	0	0	0	4:20 PM	0	0	0	3	3
4:25 PM	0	0	2	1	3	4:25 PM	0	0	0	0	0	4:25 PM	0	0	0	1	1
4:30 PM	0	0	1	0	1	4:30 PM	0	0	0	0	0	4:30 PM	0	0	0	0	0
4:35 PM	0	0	4	0	4	4:35 PM	0	0	0	0	0	4:35 PM	0	0	0	0	0
4:40 PM	1	0	2	0	3	4:40 PM	0	0	0	0	0	4:40 PM	0	0	0	0	0
4:45 PM	0	0	0	1	1	4:45 PM	0	0	0	0	0	4:45 PM	0	0	0	1	1
4:50 PM	0	0	2	0	2	4:50 PM	0	0	0	0	0	4:50 PM	0	0	0	0	0
4:55 PM	1	0	0	0	1	4:55 PM	0	0	0	0	0	4:55 PM	0	0	0	0	0
5:00 PM	1	0	0	1	2	5:00 PM	0	0	0	0	0	5:00 PM	0	0	0	0	0
5:05 PM	2	0	1	0	3	5:05 PM	0	0	0	0	0	5:05 PM	0	0	0	2	2
5:10 PM	0	0	0	0	0	5:10 PM	0	0	0	0	0	5:10 PM	0	0	0	0	0
5:15 PM	0	0	1	0	1	5:15 PM	0	0	0	0	0	5:15 PM	0	0	0	0	0
5:20 PM	1	0	1	0	2	5:20 PM	0	0	0	0	0	5:20 PM	0	0	0	0	0
5:25 PM	0	0	1	0	1	5:25 PM	0	0	0	0	0	5:25 PM	0	0	0	0	0
5:30 PM	0	0	0	1	1	5:30 PM	0	0	0	0	0	5:30 PM	0	0	0	0	0
5:35 PM	0	0	2	0	2	5:35 PM	0	0	0	0	0	5:35 PM	0	0	0	0	0
5:40 PM	0	0	0	0	0	5:40 PM	0	0	0	0	0	5:40 PM	0	0	0	1	1
5:45 PM	2	0	0	0	2	5:45 PM	0	0	0	0	0	5:45 PM	0	0	0	0	0
5:50 PM	0	0	0	0	0	5:50 PM	0	0	0	0	0	5:50 PM	0	0	0	0	0
5:55 PM	1	0	0	0	1	5:55 PM	0	0	0	0	0	5:55 PM	0	0	0	0	0
Count Total	12	0	27	4	43	Count Total	0	0	0	0	0	Count Total	0	0	0	10	10
Peak Hour	5	0	16	3	24	Peak Hour	0	0	0	0	0	Peak Hour	0	0	0	7	7

David Holt

From: Tracy Coleman <ColemanT@ci.woodland.wa.us>
Sent: Friday, November 4, 2022 11:59 AM
To: David Holt; Travis Goddard
Cc: Buck Smith; Maureen P. White; PJ McKelvey; John A. Manix; Amelia Shelley (ashelley@fvrl.org); Ryan Walters; Kathryn Myklebust
Subject: RE: Woodland Library - Will 2018 TIA Suffice?
Attachments: 71252_TIA_2018-12-24.pdf

Importance: High

Hi David,

Yes, it will fulfill the TIA requirement for the FVRL's forthcoming application!

Sincerely,

Tracy Coleman, Public Works Director/Deputy Clerk Treasurer
City of Woodland
PO Box 9, Woodland, WA 98674
Office 360-225-7999
Fax 360-225-7467

From: David Holt <David.Holt@pbsusa.com>
Sent: Friday, November 4, 2022 10:18 AM
To: Travis Goddard <GoddardT@ci.woodland.wa.us>; Tracy Coleman <ColemanT@ci.woodland.wa.us>
Cc: Buck Smith <Buck.Smith@pbsusa.com>; Maureen P. White <Maureen.White@pbsusa.com>; PJ McKelvey <PJ.McKelvey@pbsusa.com>; John A. Manix <John.Manix@pbsusa.com>; Amelia Shelley (ashelley@fvrl.org) <ashelley@fvrl.org>
Subject: Woodland Library - Will 2018 TIA Suffice?

Hello Travis and Tracy,

Please email back to confirm that the attached traffic impact analysis (TIA) prepared for the Woodland Library in 2018 will fulfill the TIA requirement for the FVRL's forthcoming land use application. I think we've all had various conversations suggesting that this may be the case, and we'd like to memorialize your joint decision in writing.

If instead this 2018 study requires updates to fulfill current requirements, then we are prepared to make them. These might include current traffic counts, the updated size of the facility currently proposed, or other elements. We need to know from you soon so that we have time to address any updates.

Thank you, and happy Friday!

David Holt, PE

Project Traffic Engineer

PBS | *Celebrating 40 Years*

Our office has relocated to:

1325 SE Tech Center Drive, Suite 140, Vancouver, WA 98683

office: 360.695.3488 | direct: 360.567.2123

david.holt@pbsusa.com

pbsusa.com

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