



181 WEST HIGH STREET
SOMERVILLE, NJ 08876

908 927 0100 p
908 927 0181 f

MEMORANDUM

To: James Stahl, Esq. jstahl@borrus.com
Peter Lanfrit, Esq. peter@borrus.com
Erin Santora LaGrua erin@borrus.com
Nandini Menon nanmenon03@yahoo.com

From: Elizabeth Dolan, P.E.
Eric Campbell, E.I.T.

Date: August 28, 2023

Re: Cedar Hill Summer Camp
Driveway Operations
Block 424.12, Lot 6.03
Franklin, Somerset County

As requested, our office performed updated manual turning movement traffic counts along Cedar Grove Lane at the Cedar Hill Prep School driveway and adjacent swim club driveway on Wednesday, August 16, 2023, from 7:00 a.m. to 10:00 a.m. and from 3:00 p.m. to 6:00 p.m. The traffic counts are appended and show peak operation from 8:00 a.m. to 9:00 a.m. and from 3:45 p.m. to 4:45 p.m. These peak hours of operation are consistent with the peak hours found during our Thursday, July 21, 2022, traffic counts. Appended Figure A compares the updated 2023 traffic counts against those previously collected in the summer of 2022.

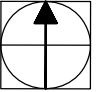
As shown, the 2023 traffic volumes are significantly lower than those conducted the previous year. This is likely a direct result of the reduced camp enrollment and reduction in staff members noted in our March 24, 2023, letter. In total, 404 vehicles entered/exited the subject driveways during the morning peak hour, and 362 vehicles entered/exited during the afternoon peak hour. This accounts for a 32% reduction in summer camp traffic during the peak hours and is comparable to the estimated traffic reduction of 30% also presented in our March letter.

Should you have any questions regarding the information presented above and enclosed, please contact our office.

EIC

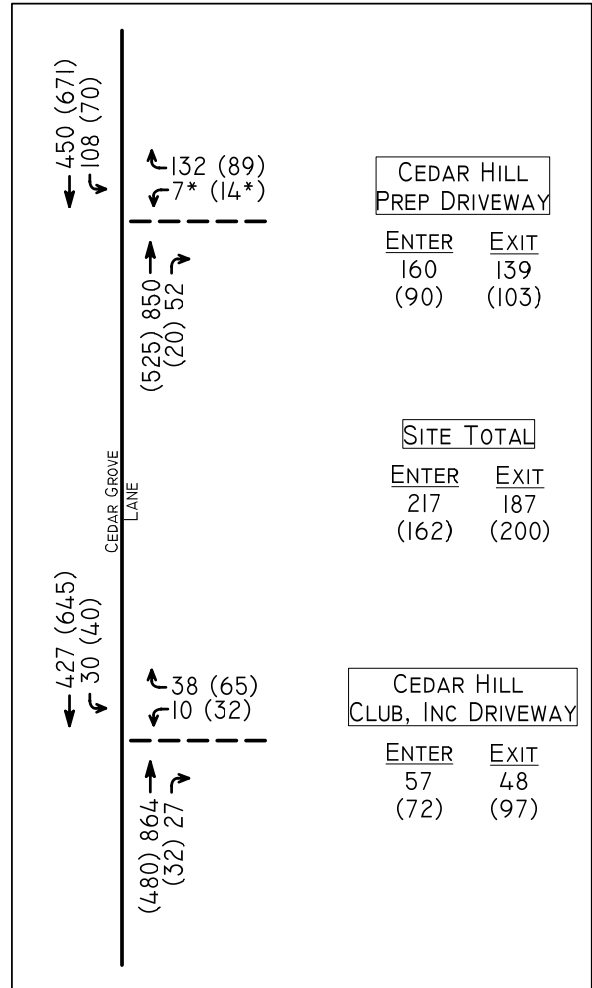
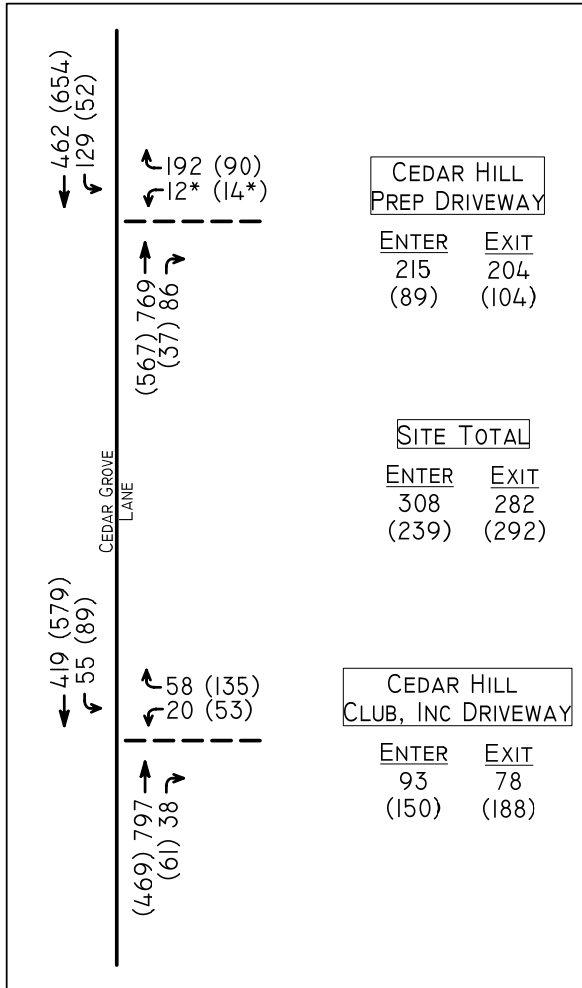
Somerset/Franklin/CedarHill Prep\Documents\2023-08-28 LanfritMemo.doc

MORNING PEAK HOUR: 8:00 A.M. TO 9:00 A.M.
 (AFTERNOON PEAK HOUR: 3:45 P.M. TO 4:45 P.M.)



THURSDAY, JULY 21, 2022

WEDNESDAY, AUGUST 16, 2023



SITE TOTAL DIFFERENCE	
ENTER	EXIT
-91 (-77)	-95 (-92)

Legend

- = Existing Roadway
- = Existing Driveway
- * = Illegal Traffic Movement

CEDAR HILL PREP SUMMER CAMP
 FRANKLIN TOWNSHIP
 SOMERSET COUNTY, NEW JERSEY

FIGURE A



National Data & Surveying Services Intersection Turning Movement Count

Location: Cedar Grove Ln & Cedar Hill Preparatory School Dwy
City: Somerset
Control: 1-Way Stop(WB)

Project ID: 23-340106-001
Date: 8/16/2023

Data - Total

NS/ EW Streets:	Cedar Grove Ln						Cedar Hill Preparatory School Dwy						Cedar Hill Preparatory School Dwy					
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			EASTBOUND			WESTBOUND		
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL	
7:00 AM	0	1	0	0	3	78	0	0	0	0	0	0	0	0	0	0	218	
7:15 AM	0	154	5	0	1	94	0	0	0	0	0	0	0	0	6	0	260	
7:30 AM	0	186	2	0	8	102	0	0	0	0	0	0	0	0	7	0	305	
7:45 AM	0	214	6	0	13	115	0	0	0	0	0	0	1	0	10	0	359	
8:00 AM	0	182	8	0	17	107	0	0	0	0	0	0	2	0	19	0	335	
8:15 AM	0	238	12	0	40	110	0	0	0	0	0	0	1	0	40	0	441	
8:30 AM	0	216	15	0	32	110	0	0	0	0	0	0	0	0	38	0	411	
8:45 AM	0	213	17	0	19	121	0	0	0	0	0	0	4	0	35	0	409	
9:00 AM	0	169	6	0	12	107	0	0	0	0	0	0	7	0	12	0	313	
9:15 AM	0	2096	81	0	164	1237	0	0	0	0	0	0	17	0	192	0	257	
9:30 AM	0	133	3	0	7	88	0	0	0	0	0	0	0	0	9	0	240	
9:45 AM	0	128	1	0	4	101	0	0	0	0	0	0	1	0	4	0	239	
TOTAL VOLUMES :	0	2096	81	0	164	1237	0	0	0	0	0	0	17	0	192	0	3787	
APPROACH %'s :	0.00%	96.28%	3.72%	0.00%	11.71%	88.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.13%	0.00%	91.87%	0.00%		
PEAK HR :	08:00 AM - 09:00 AM																	
PEAK HR VOL :	0	849	52	0	108	448	0	0	0	0	0	0	7	0	132	0	1596	
PEAK HR FACTOR :	0.000	0.892	0.765	0.000	0.675	0.926	0.000	0.000	0.000	0.000	0.000	0.000	0.438	0.000	0.825	0.000	0.905	
	0.901																	
	0.927																	
	0.848																	

NS/ EW Streets:	Cedar Grove Ln						Cedar Hill Preparatory School Dwy						Cedar Hill Preparatory School Dwy					
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			EASTBOUND			WESTBOUND		
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL	
3:00 PM	0	1	0	0	4	156	0	0	0	0	0	0	2	0	4	0	269	
3:15 PM	0	103	3	0	4	152	0	0	0	0	0	0	1	0	3	0	266	
3:30 PM	0	107	4	0	8	188	0	0	0	0	0	0	1	0	5	0	313	
3:45 PM	0	151	3	0	16	154	0	0	0	0	0	0	3	0	20	0	347	
4:00 PM	0	132	8	0	21	167	0	0	0	0	0	0	5	0	19	0	352	
4:15 PM	0	119	5	0	15	175	0	0	0	0	0	0	3	0	22	0	339	
4:30 PM	0	123	4	0	18	175	0	0	0	0	0	0	3	0	28	0	351	
4:45 PM	0	110	6	0	4	178	0	0	0	0	0	0	7	0	15	0	320	
5:00 PM	0	112	4	0	5	205	0	0	0	0	0	0	4	0	4	0	334	
5:15 PM	0	133	10	0	8	168	0	0	0	0	0	0	1	0	16	0	336	
5:30 PM	0	111	5	0	13	166	0	0	0	0	0	0	3	0	12	0	310	
5:45 PM	0	113	2	0	7	176	0	0	0	0	0	0	2	0	9	0	309	
TOTAL VOLUMES :	0	1416	55	0	123	2060	0	0	0	0	0	0	35	0	157	0	3846	
APPROACH %'s :	0.00%	96.26%	3.74%	0.00%	5.63%	94.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	18.23%	0.00%	81.77%	0.00%		
PEAK HR :	03:45 PM - 04:45 PM																	
PEAK HR VOL :	0	525	20	0	70	671	0	0	0	0	0	0	14	0	89	0	1389	
PEAK HR FACTOR :	0.000	0.869	0.625	0.000	0.833	0.959	0.000	0.000	0.000	0.000	0.000	0.000	0.700	0.000	0.795	0.000	0.987	
	0.885																	
	0.960																	
	0.831																	

