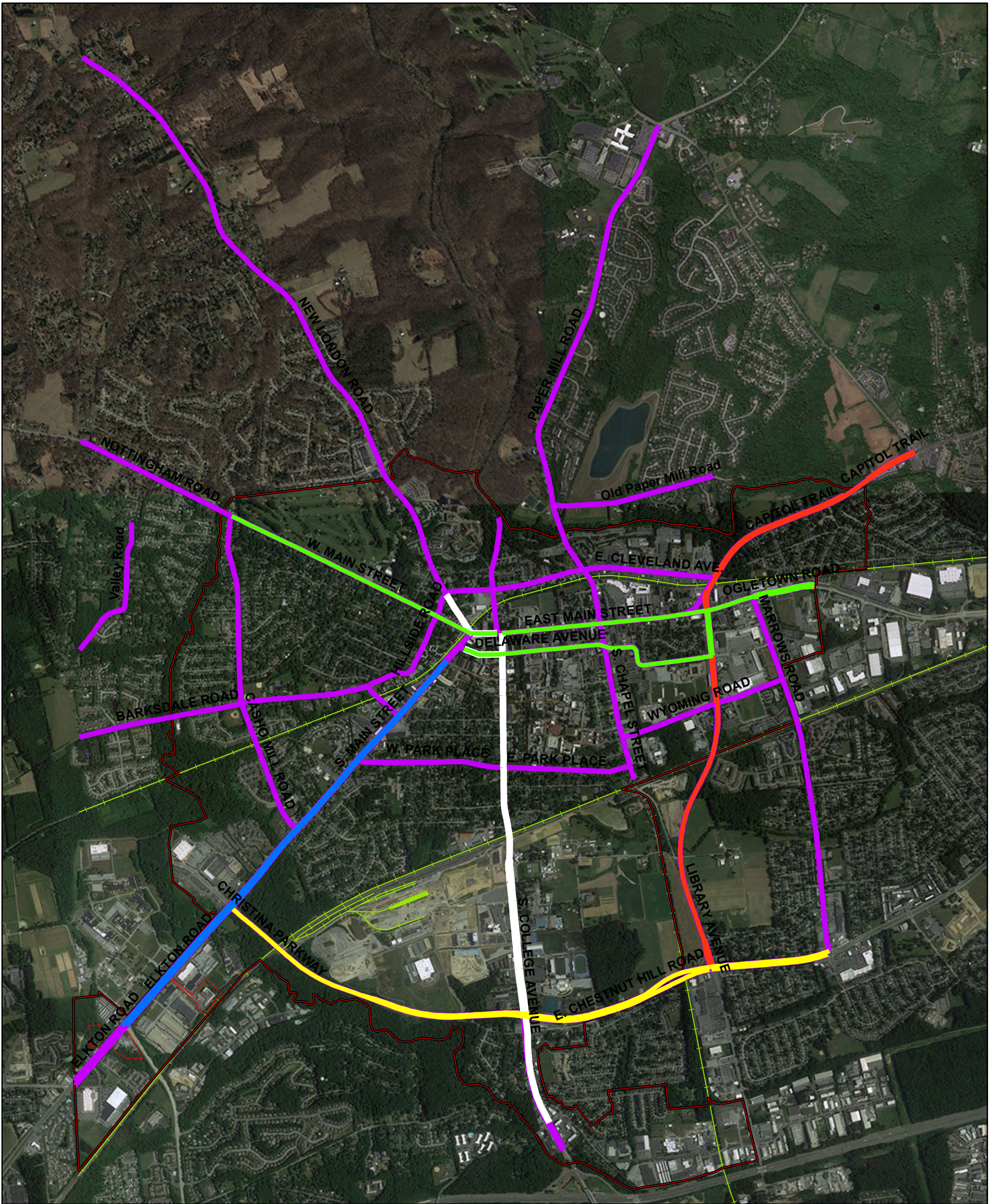


City of Newark TID Arterial LOS segments



0.6 0.3 0 0.6 Miles



DeIDOT GIS Layers
Map created 3/11/2020
Sarah C. Coakley, Project Planner



**Regional
Systems
Planning**

Legend

- Newark_Arterial_5
- Newark_Arterial_4
- Newark_Arterial_3
- Newark_Arterial_2
- Newark_Arterial_1
- Newark_TID_segments
- Newark_TID_boundary
- Newark_Planning_Commission_Boundary
- - - Rail Lines

Arterial Level of Service: Arterial 1 - SR 72/Library Ave/SR 2 Capitol Trail from SR 4 to Possum Park Rd

NB AM 7 to 9 AM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
Wyoming Rd	II	45	98.8	26.3	125.1	2.09	1.23	35.5	A
College Square Shop. Ctr/Del. Ave	II	45	23.2	29.3	52.5	0.88	0.21	14.6	E
SR 273/Main St	II	45	21.4	28.1	49.5	0.83	0.20	14.3	E
Woodlawn Ave/E. Cleveland Ave	II	45	16.7	54.4	71.1	1.19	0.15	7.8	F
Anna Way	II	45	47.9	5.8	53.7	0.90	0.60	40.2	A
Possum Park Rd	II	45	40.6	22.0	62.6	1.04	0.45	25.7	C
Total:	II		248.6	165.9	414.5	6.91	2.84	24.7	C

SB AM 7 to 9 AM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
Anna Way	II	45	40.6	3.1	43.7	0.73	0.45	36.8	A
E. Cleveland Ave/Woodlawn Ave	II	45	47.9	75.9	123.8	2.06	0.60	17.4	D
Main St/SR 273	II	45	16.7	22.3	39.0	0.65	0.15	14.2	E
Del. Ave/College Square Shop. Ctr	II	45	21.4	3.7	25.1	0.42	0.20	28.2	B
Wyoming Rd	II	45	23.2	50.8	74.0	1.23	0.21	10.3	F
SR 4	II	45	98.8	28.9	127.7	2.13	1.23	34.8	B
Total:	II		248.6	184.7	433.3	7.22	2.84	23.6	C

Arterial Level of Service: Arterial 1 - SR 72/Library Ave/SR 2 Capitol Trail from SR 4 to Possum Park Rd

NB PM 4 to 6 PM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
Wyoming Rd	II	45	98.8	37.3	136.1	2.27	1.23	32.6	B
College Square Shop. Ctr/Del. Ave	II	45	23.2	46.2	69.4	1.16	0.21	11.0	F
SR 273/Main St	II	45	21.4	39.8	61.2	1.02	0.20	11.6	F
Woodlawn Ave/E. Cleveland Ave	II	45	16.7	233.5	250.2	4.17	0.15	2.2	F
Anna Way	II	45	48.0	14.1	62.1	1.04	0.60	34.8	B
Possum Park Rd	II	45	40.6	28.5	69.1	1.15	0.45	23.2	C
Total:	II		248.7	399.4	648.1	10.80	2.84	15.8	E

SB PM 4 to 6 PM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
Anna Way	II	45	40.6	3.1	43.7	0.73	0.45	36.7	A
E. Cleveland Ave/Woodlawn Ave	II	45	48.0	76.9	124.9	2.08	0.60	17.3	D
Main St/SR 273	II	45	16.7	36.5	53.2	0.89	0.15	10.4	F
Del. Ave/College Square Shop. Ctr	II	45	21.4	24.1	45.5	0.76	0.20	15.6	E
Wyoming Rd	II	45	23.2	65.6	88.8	1.48	0.21	8.6	F
SR 4	II	45	98.8	61.0	159.8	2.66	1.23	27.8	C
Total:	II		248.7	267.2	515.9	8.60	2.84	19.8	D

Arterial Level of Service: Arterial 3 - SR 4 from Elkton Rd to Marrows Rd

EB AM 7 to 9 AM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
Science Blvd	I	50	77.2	27.5	104.7	1.75	1.07	36.9	B
SR 896/S. College Ave	I	50	27.4	56.1	83.5	1.39	0.29	12.5	F
SR 72	I	50	61.7	45.7	107.4	1.79	0.86	28.7	C
Marrows Rd	I	50	38.4	43.0	81.4	1.36	0.49	21.8	D
Total:	I		204.7	172.3	377.0	6.28	2.71	25.9	D

WB AM 7 to 9 AM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
SR 72	I	50	38.4	61.7	100.1	1.67	0.49	17.7	E
S. College Ave/SR 896	I	50	61.7	47.6	109.3	1.82	0.86	28.2	C
Science Blvd	I	50	27.4	19.5	46.9	0.78	0.29	22.2	D
Elkton Rd	I	50	77.2	22.1	99.3	1.66	1.07	38.9	B
Total:	I		204.7	150.9	355.6	5.93	2.71	27.5	C

Arterial Level of Service: Arterial 3 - SR 4 from Elkton Rd to Marrows Rd

EB PM 4 to 6 PM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
Science Blvd	I	50	77.2	26.3	103.5	1.73	1.07	37.3	B
SR 896/S. College Ave	I	50	27.4	63.6	91.0	1.52	0.29	11.4	F
SR 72	I	50	61.7	65.4	127.1	2.12	0.86	24.3	D
Marrows Rd	I	50	38.4	56.9	95.3	1.59	0.49	18.6	E
Total:	I		204.7	212.2	416.9	6.95	2.71	23.4	D

WB PM 4 to 6 PM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
SR 72	I	50	38.4	112.4	150.8	2.51	0.49	11.8	F
S. College Ave/SR 896	I	50	61.7	49.5	111.2	1.85	0.86	27.7	C
Science Blvd	I	50	27.4	22.8	50.2	0.84	0.29	20.7	E
Elkton Rd	I	50	77.2	49.0	126.2	2.10	1.07	30.6	C
Total:	I		204.7	233.7	438.4	7.31	2.71	22.3	D

Arterial Level of Service: Arterial 5 - Elkton Rd from Otts Chapel Rd to Amstel Ave

NE AM 7 to 9 AM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
Interchange Blvd	II	50	22.6	17.6	40.2	0.67	0.23	20.2	D
SR 4 #3	II	50	32.7	47.3	80.0	1.33	0.38	17.1	D
Casho Mill Rd	II	36	44.4	2.0	46.4	0.77	0.43	33.1	B
Short Ln	II	40	29.9	20.6	50.5	0.84	0.27	19.4	D
W Park Place	II	30	17.0	5.2	22.2	0.37	0.13	20.6	D
Veterans Dr	II	30	23.0	4.0	27.0	0.45	0.18	24.1	C
Apple Rd	II	30	10.7	26.8	37.5	0.63	0.08	7.3	F
Amstel Ave	II	28	39.9	1.8	41.7	0.70	0.31	27.1	C
Total:	II		220.2	125.3	345.5	5.76	2.01	20.9	D

SW AM 7 to 9 AM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
Apple Rd	II	30	39.9	25.8	65.7	1.10	0.31	17.2	D
Veterans Dr	II	30	10.7	1.1	11.8	0.20	0.08	23.2	C
W Park Place	II	40	20.8	2.7	23.5	0.39	0.18	27.7	C
Thorn Ln	II	40	14.6	5.8	20.4	0.34	0.13	22.4	C
Casho Mill Rd	II	40	29.9	17.7	47.6	0.79	0.27	20.6	D
Suburban Plaza Dr	II	47	38.8	19.0	57.8	0.96	0.43	26.6	C
Interchange Blvd	II	50	32.7	10.3	43.0	0.72	0.38	31.9	B
Otts Chapel Rd	II	50	22.6	14.7	37.3	0.62	0.23	21.8	D
Total:	II		210.0	97.1	307.1	5.12	2.01	23.5	C

Arterial Level of Service: Arterial 5 - Elkton Rd from Otts Chapel Rd to Amstel Ave

NE PM 4 to 6 PM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
Interchange Blvd	II	50	22.6	26.4	49.0	0.82	0.23	16.6	E
SR 4 #3	II	50	32.7	40.4	73.1	1.22	0.38	18.7	D
Casho Mill Rd	II	40	40.5	1.1	41.6	0.69	0.43	36.9	A
Short Ln	II	40	29.9	20.7	50.6	0.84	0.27	19.4	D
W Park Place	II	30	17.0	7.8	24.8	0.41	0.13	18.4	D
Veterans Dr	II	30	23.0	1.4	24.4	0.41	0.18	26.7	C
Apple Rd	II	30	10.7	29.4	40.1	0.67	0.08	6.8	F
Amstel Ave	II	28	39.9	6.2	46.1	0.77	0.31	24.5	C
Total:	II		216.3	133.4	349.7	5.83	2.01	20.6	D

SW PM 4 to 6 PM

Cross Street	Arterial Class	Flow Speed (mph)	Running Time (sec)	Signal Delay (sec)	Travel Time (sec)	Travel Time (min)	Dist (mi)	Arterial Speed (mph)	Arterial LOS
Apple Rd	II	30	39.9	36.4	76.3	1.27	0.31	14.8	E
Veterans Dr	II	30	10.7	2.3	13.0	0.22	0.08	21.0	D
W Park Place	II	40	20.8	10.9	31.7	0.53	0.18	20.6	D
Thorn Ln	II	40	14.6	13.9	28.5	0.48	0.13	16.0	E
Casho Mill Rd	II	40	29.9	44.0	73.9	1.23	0.27	13.3	E
Suburban Plaza Dr	II	47	38.8	13.4	52.2	0.87	0.43	29.4	B
Interchange Blvd	II	50	32.7	27.2	59.9	1.00	0.38	22.9	C
Otts Chapel Rd	II	50	22.6	48.4	71	1.18	0.23	11.5	F
Total:	II		210.0	196.5	406.5	6.78	2.01	17.7	D