



OZARKS TRANSPORTATION ORGANIZATION

A METROPOLITAN PLANNING ORGANIZATION

Application Federal Functional Classification Change

Instructions

Please use this form to submit a reclassification request for an existing roadway or to classify a planned roadway. To better process your application; please fill out the form completely. Upon completion, save the document and email it to athomason@ozarkstransportation.org or fax it to (417) 862-6013. If you have any questions, please contact Andy Thomason at 865-3047 x 107 or athomason@ozarkstransportation.org.

Functional Reclassification Process (minimum timeframe is 4 months)

- 1. Application.** A general call for applications will be made annually in October.
- 2. Technical Committee.** The request will be heard at the November Technical Committee meeting. The Technical Committee will hear the item and make recommendation to the Board of Directors. The Technical Committee may decide to table the item until a future meeting.
- 3. Board of Directors.** After a recommendation is made by the Technical Committee, the Board will approve or deny the request, mostly likely in December. If the request is approved, it will be forwarded to MoDOT and FHWA.
- 4. FHWA.** FHWA requires a minimum of 45 days to review the request. A notice of determination will be given to OTO. OTO will forward the notice to the requesting agency.

Application Information

Date: July 20, 2020

Contact Information

Name: Martha E. Smartt
Title: City Administrator
Agency: City of Strafford
Street Address: P.O. Box 66

City/State/Zip: Strafford, MO 65757
Email: ca@straffordmo.net
Phone: 417-736-2154
Fax: 417-736-2390

Roadway Data

Roadway Name:	N. Orchard Drive – from Stan Harriman Blvd. to E. Evergreen Street
Roadway Name:	Stan Harriman Blvd. – from N. Orchard Drive to Hwy 125
Roadway Name::	E. Evergreen Street – From N. Orchard Drive to Hwy 125
Length (miles):	N. Orchard Dr. (0.9 miles), Stan Harriman Blvd. (0.5 miles), E. Evergreen St. (0.6 miles)
Number of Lanes:	2 lanes for each roadway
Lane Width:	N. Orchard Dr. (11'), Stan Harriman Blvd. (11'), E. Evergreen St. (12')
Traffic Volume (AADT):	N. Orchard Drive - 652
Traffic Volume (AADT):	Stan Harriman Blvd. - 832
Traffic Volume (AADT):	E. Evergreen Street – 5,035

Is the roadway existing or a future road? If a future road, describe how the project is committed to locally (provide documentation) and state the anticipated date for the start of construction.

All three roadways are existing.

Classification Change

Type of Area:	Residential
Current Classification:	Local Road
Requested Classification:	N. Orchard Drive – Minor Collector
Requested Classification:	Stan Harriman Blvd. – Minor Collector
Requested Classification:	E. Evergreen Street – Minor Collector

Justification

Explain why the roadway classification should be revised.

The federal functional classification of these roadways are currently designated as “Local Roads.” However, these roadways collect traffic from local roads and distributes traffic to Highway 125 and should be reclassified as “Minor Collectors.”

Are there any new developments (residential or commercial) or changes in land usage that will alter the demand on this roadway?

No.

Will this roadway provide direct access to any points of activity: business parks, industries, shopping centers, etc?

Yes, these roadways provide access from the northern residential areas of the City to the schools, shops, parks and businesses in the City.

Is the demand on this roadway changing or is the existing demand inconsistent with its current classification?

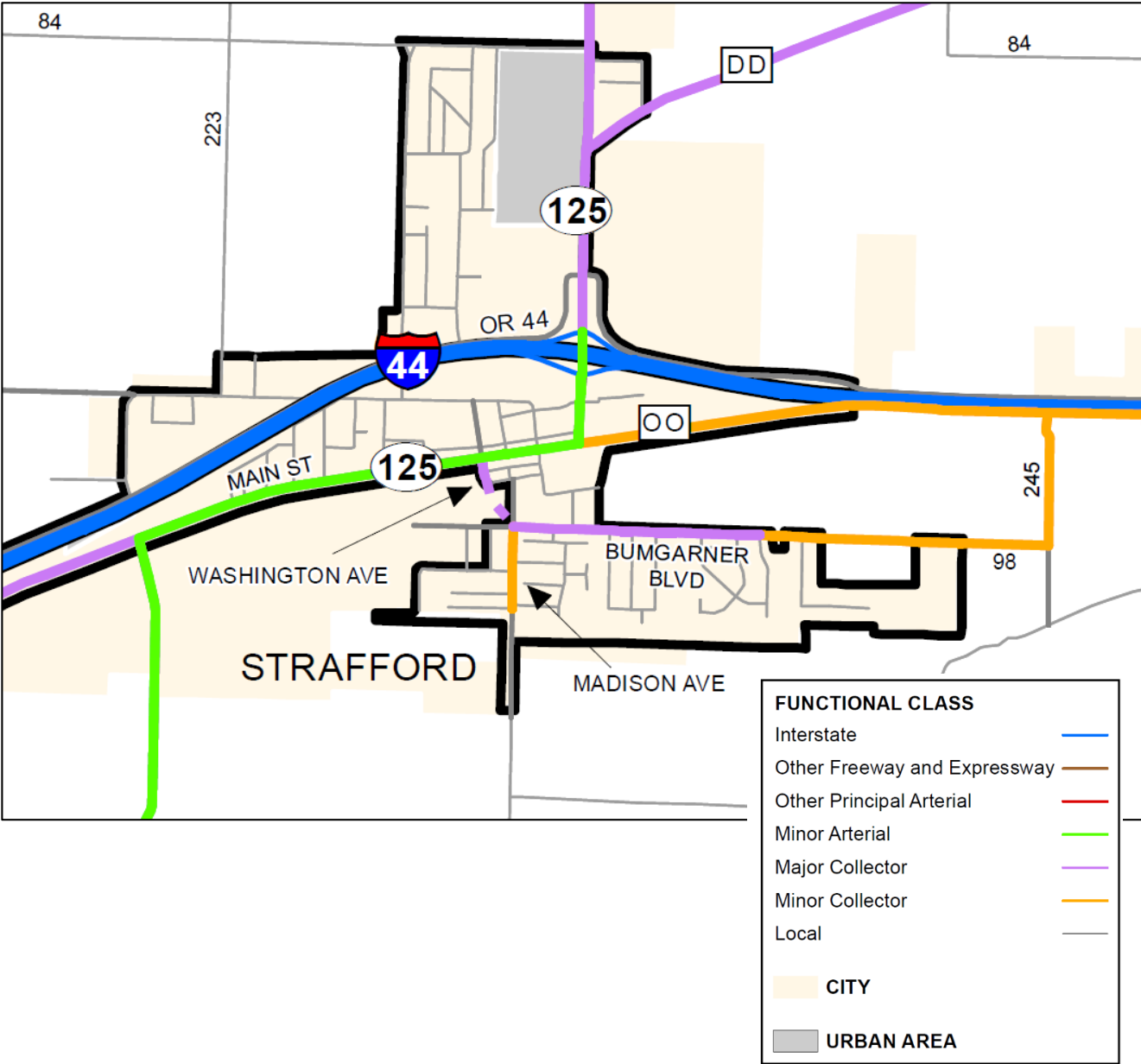
This existing demand is inconsistent with its current classification.

Additional information you would like to include.

See attached maps.

CITY OF STRAFFORD

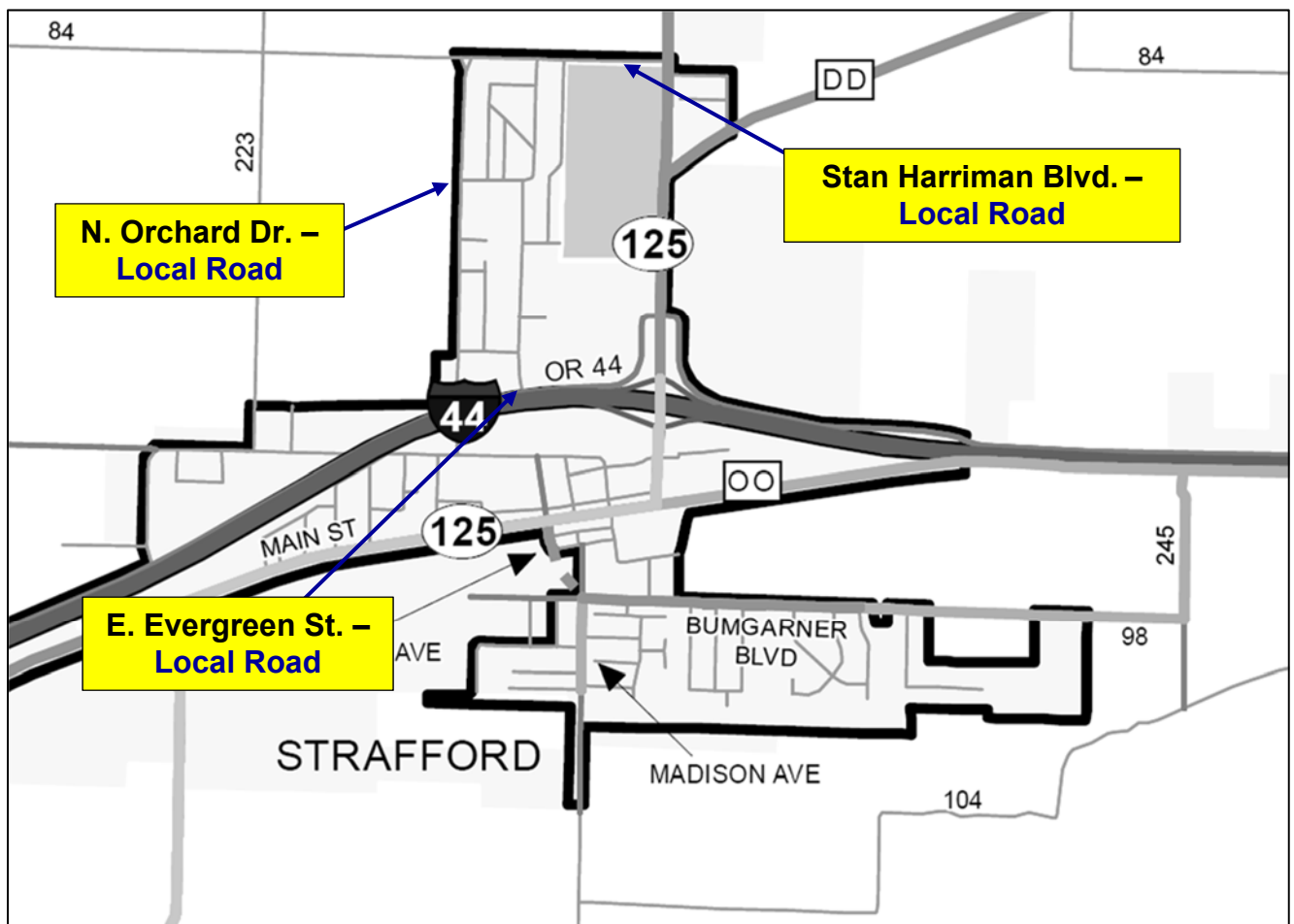
Existing Federal Functional Classification Map



CITY OF STRAFFORD

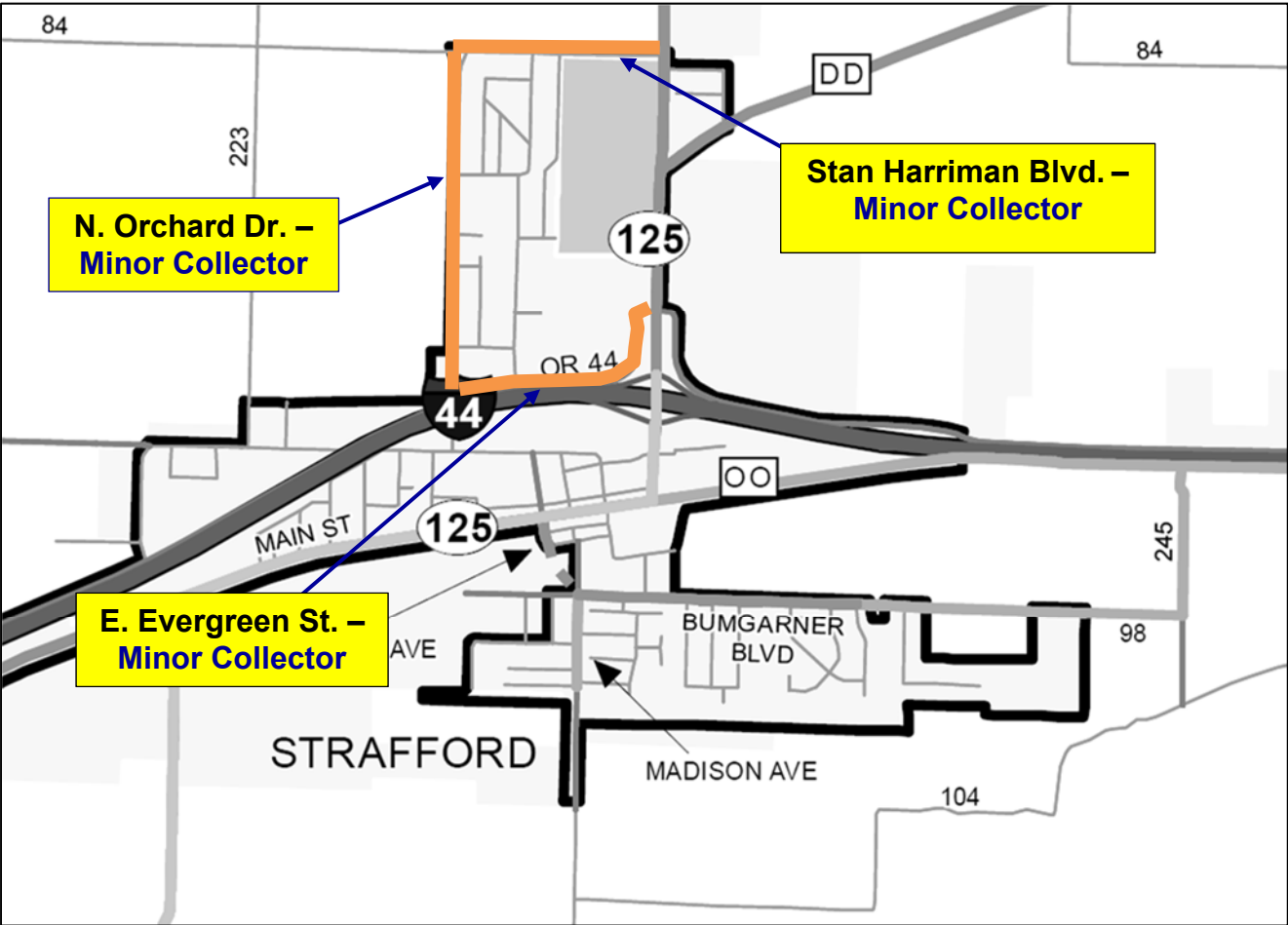
Current Federal Functional Classification –

- Stan Harriman Blvd.
- N. Orchard Drive
- E. Evergreen St.



CITY OF STRAFFORD

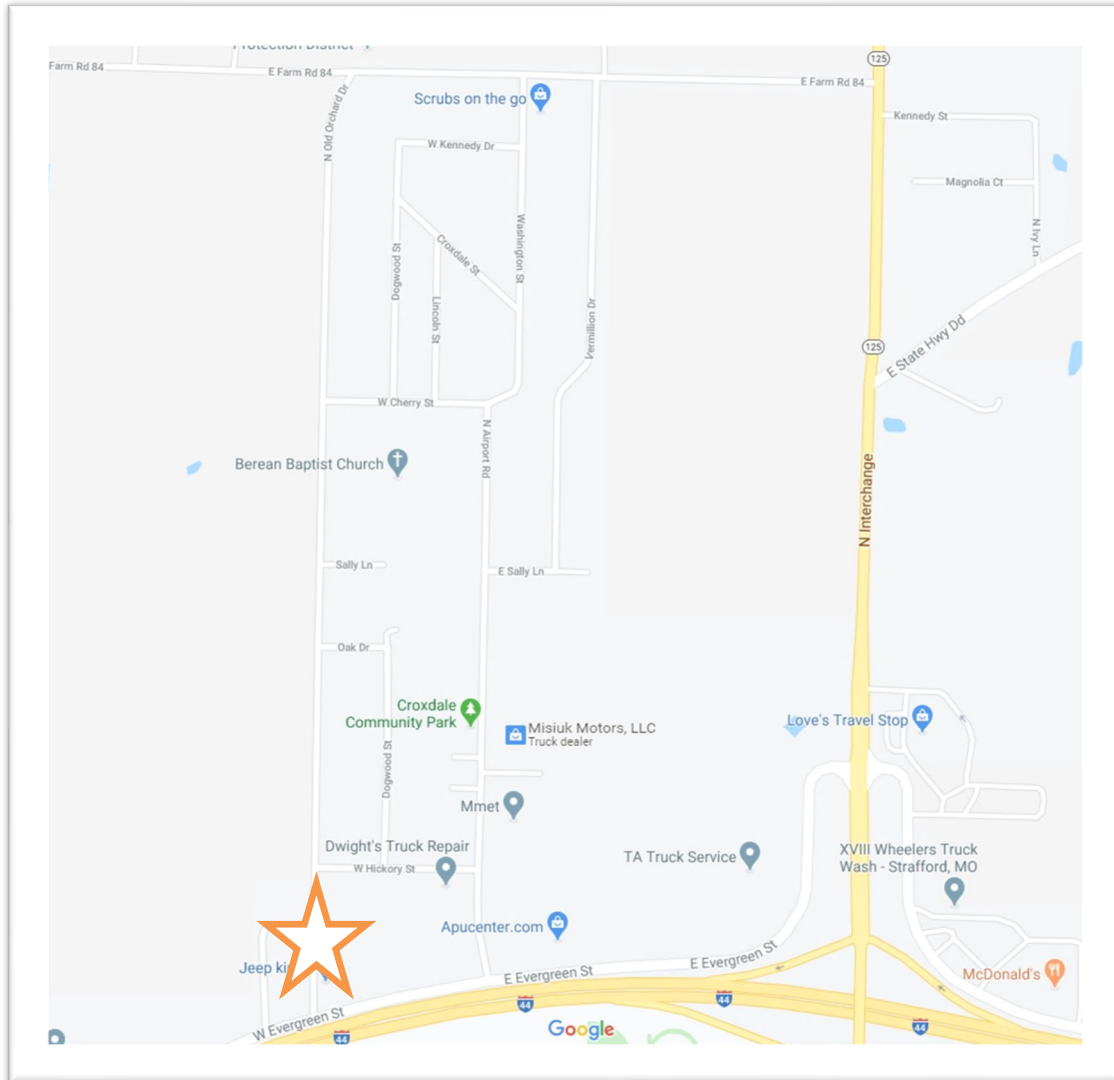
Proposed Federal Functional Classification



N. OLD ORCHARD DRIVE TRAFFIC COUNT REPORT

STRAFFORD, MO

ADT = 652



Location Map

Not to Scale



- Civil Engineering
- Land Surveying
- Architecture
- Site Development
- General Consulting
- Master Planning

737 Rudder Road, Fenton, MO 63026

July, 2020

N. Old Orchard Drive

Strafford, MO

ADT = 652

Site Code: 00000737

Station ID:

Latitude: 0' 0.000 South

Start Time	29-Jun-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Direction 1	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction
12:00 AM	*	*	*	*	*	*	13	7	13	4	5	2	12	3	11	4
01:00	*	*	*	*	*	*	9	2	17	2	4	0	6	5	9	2
02:00	*	*	*	*	*	*	6	1	13	3	2	0	2	4	6	2
03:00	*	*	*	*	*	*	9	5	10	2	3	1	2	0	6	2
04:00	*	*	*	*	*	*	13	4	10	5	2	1	3	2	7	3
05:00	*	*	*	*	*	*	21	13	17	9	4	4	2	2	11	7
06:00	*	*	*	*	*	*	23	17	15	5	7	6	7	3	13	8
07:00	*	*	*	*	*	*	19	29	10	13	6	1	5	2	10	11
08:00	*	*	*	*	*	*	25	23	25	20	13	14	5	11	17	17
09:00	*	*	*	*	*	*	18	19	13	20	12	26	6	12	12	19
10:00	*	*	*	*	*	*	14	22	22	23	9	14	24	17	17	19
11:00	*	*	*	*	*	*	8	11	17	18	23	16	16	19	16	16
12:00 PM	*	*	*	*	*	*	14	18	8	12	16	6	12	18	12	14
01:00	*	*	*	*	*	*	15	10	23	26	13	13	24	16	19	16
02:00	*	*	*	*	*	*	16	12	21	18	13	12	11	15	15	14
03:00	*	*	*	*	*	*	14	18	15	18	64	7	21	15	28	14
04:00	*	*	*	*	*	*	23	20	21	23	17	16	13	15	18	18
05:00	*	*	*	*	45	18	39	15	33	17	11	13	22	20	30	17
06:00	*	*	*	*	33	14	30	19	18	29	11	14	24	9	23	17
07:00	*	*	*	*	17	8	27	13	22	18	9	8	18	16	19	13
08:00	*	*	*	*	27	24	18	13	14	6	17	10	11	17	17	14
09:00	*	*	*	*	26	9	22	14	12	28	11	4	18	17	18	14
10:00	*	*	*	*	13	4	11	7	10	12	13	14	8	11	11	10
11:00	*	*	*	*	13	7	10	8	9	3	17	3	9	5	12	5
Lane	0	0	0	0	174	84	417	320	388	334	302	205	281	254	357	276
Day	0		0		258		737		722		507		535		633	
AM Peak							08:00	07:00	08:00	10:00	11:00	09:00	10:00	11:00	08:00	09:00
Vol.							25	29	25	23	23	26	24	19	17	19
PM Peak					17:00	20:00	17:00	16:00	17:00	18:00	15:00	16:00	13:00	17:00	17:00	16:00
Vol.					45	24	39	20	33	29	64	16	24	20	30	18

N. Old Orchard Drive

Strafford, MO

ADT = 652

Site Code: 0000737
Station ID:

Latitude: 0' 0.000 South

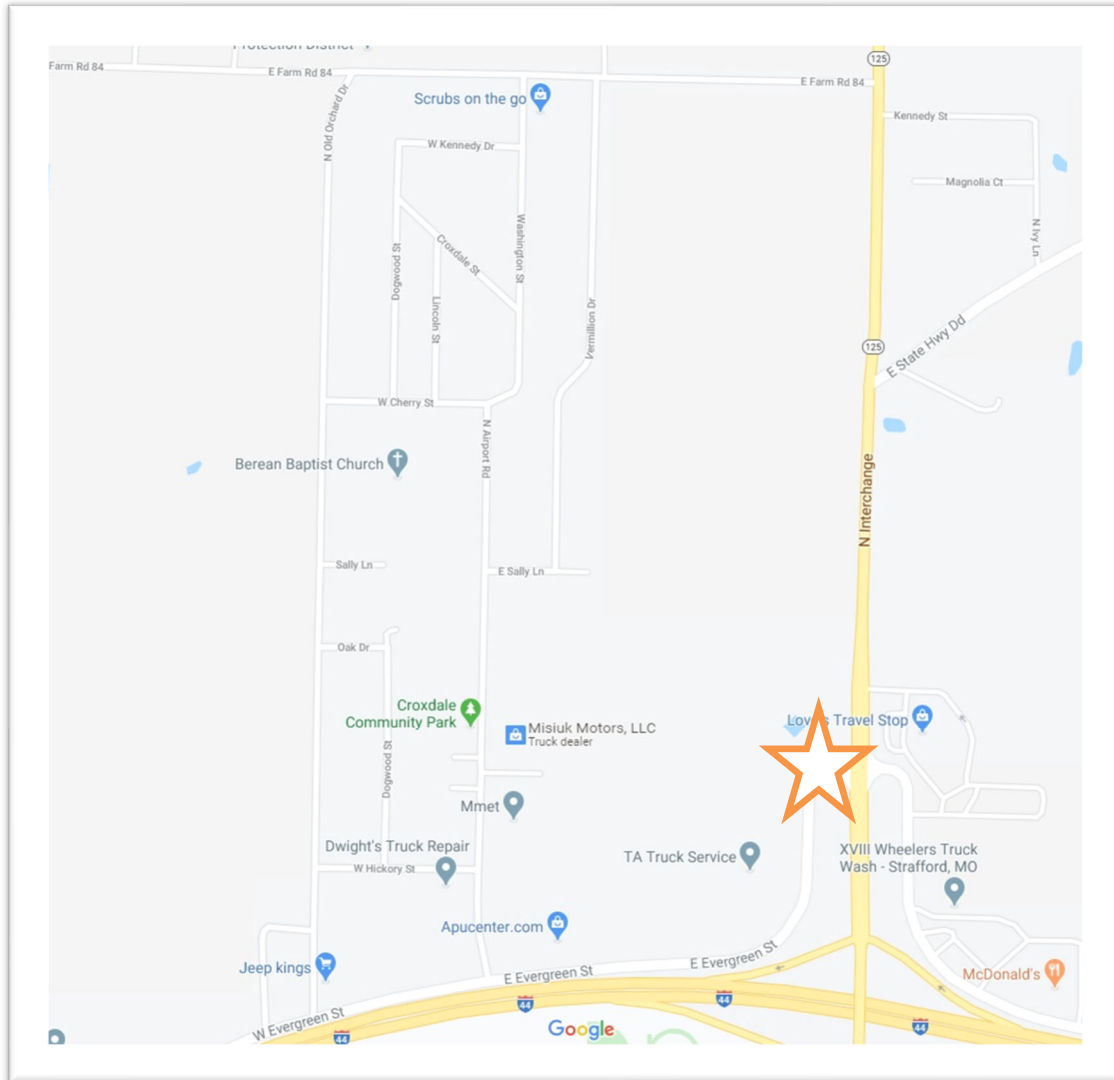
Start Time	06-Jul-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Direction 1	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction
12:00 AM	2	5	9	1	9	1	9	3	9	3	*	*	*	*	8	3
01:00	1	0	8	4	6	5	8	1	6	3	*	*	*	*	6	3
02:00	2	2	3	0	2	2	9	0	6	1	*	*	*	*	4	1
03:00	1	0	11	3	5	3	7	2	9	4	*	*	*	*	7	2
04:00	3	2	6	2	8	5	7	4	6	2	*	*	*	*	6	3
05:00	7	8	9	12	14	5	11	7	6	7	*	*	*	*	9	8
06:00	10	12	10	9	11	13	13	13	8	6	*	*	*	*	10	11
07:00	11	25	19	19	17	25	16	21	10	16	*	*	*	*	15	21
08:00	10	18	13	26	20	32	14	30	14	24	*	*	*	*	14	26
09:00	17	17	13	20	16	16	16	13	21	24	*	*	*	*	17	18
10:00	13	9	12	20	10	20	16	20	13	15	*	*	*	*	13	17
11:00	12	19	11	16	14	14	12	13	11	21	*	*	*	*	12	17
12:00 PM	14	21	13	13	6	16	21	16	18	16	*	*	*	*	14	16
01:00	18	15	19	10	16	6	28	25	2	5	*	*	*	*	17	12
02:00	20	21	23	23	18	18	24	20	*	*	*	*	*	*	21	20
03:00	19	16	14	14	20	19	18	8	*	*	*	*	*	*	18	14
04:00	28	18	26	18	21	19	17	19	*	*	*	*	*	*	23	18
05:00	23	23	28	11	25	12	27	16	*	*	*	*	*	*	26	16
06:00	30	17	30	25	30	22	35	20	*	*	*	*	*	*	31	21
07:00	31	14	27	14	23	12	22	24	*	*	*	*	*	*	26	16
08:00	21	15	20	16	15	14	19	14	*	*	*	*	*	*	19	15
09:00	12	16	18	7	20	20	23	17	*	*	*	*	*	*	18	15
10:00	16	7	17	10	22	14	22	9	*	*	*	*	*	*	19	10
11:00	12	2	8	4	15	9	9	5	*	*	*	*	*	*	11	5
Lane	333	302	367	297	363	322	403	320	139	147	0	0	0	0	364	308
Day	635		664		685		723		286		0		0		672	
AM Peak	09:00	07:00	07:00	08:00	08:00	08:00	07:00	08:00	09:00	08:00					09:00	08:00
Vol.	17	25	19	26	20	32	16	30	21	24					17	26
PM Peak	19:00	17:00	18:00	18:00	18:00	18:00	18:00	13:00	12:00	12:00					18:00	18:00
Vol.	31	23	30	25	30	22	35	25	18	16					31	21

Comb. Total	635	664	943	1460	1008	507	535	1305
ADT	ADT 652		AADT 652					

EVERGREEN STREET TRAFFIC COUNT REPORT

STRAFFORD, MO

ADT = 5,035



Location Map

Not to Scale



- Civil Engineering
- Land Surveying
- Architecture
- Site Development
- General Consulting
- Master Planning

737 Rudder Road, Fenton, MO 63026

July, 2020

Evergreen Street

Strafford, MO

ADT = 5,035

Site Code: 00000001
Station ID:

Latitude: 0° 0.000 South

Start Time	06-Jul-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Direction 1	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction
12:00 AM	*	*	*	*	*	*	*	*	*	*	43	29	47	43	45	36
01:00	*	*	*	*	*	*	*	*	*	*	19	23	26	23	22	23
02:00	*	*	*	*	*	*	*	*	*	*	35	30	34	18	34	24
03:00	*	*	*	*	*	*	*	*	*	*	40	34	20	25	30	30
04:00	*	*	*	*	*	*	*	*	*	*	25	12	48	21	36	16
05:00	*	*	*	*	*	*	*	*	*	*	37	37	44	37	40	37
06:00	*	*	*	*	*	*	*	*	*	*	76	67	82	50	79	58
07:00	*	*	*	*	*	*	*	*	*	*	116	79	76	77	96	78
08:00	*	*	*	*	*	*	*	*	*	*	100	83	83	112	92	98
09:00	*	*	*	*	*	*	*	*	*	*	113	121	118	120	116	120
10:00	*	*	*	*	*	*	*	*	*	*	92	153	141	152	116	152
11:00	*	*	*	*	*	*	*	*	*	*	159	150	157	178	158	164
12:00 PM	*	*	*	*	*	*	*	*	*	*	162	150	163	188	162	169
01:00	*	*	*	*	*	*	*	*	*	*	177	181	166	171	172	175
02:00	*	*	*	*	*	*	*	*	*	*	168	148	169	150	166	148
03:00	*	*	*	*	*	*	*	*	*	*	162	163	129	150	143	151
04:00	*	*	*	*	*	*	*	*	*	*	157	145	152	139	151	139
05:00	*	*	*	*	*	*	*	*	*	*	138	164	109	123	124	142
06:00	*	*	*	*	*	*	*	*	*	*	141	151	130	158	133	146
07:00	*	*	*	*	*	*	*	*	*	*	111	146	121	161	112	142
08:00	*	*	*	*	*	*	*	*	*	*	89	116	100	95	96	103
09:00	*	*	*	*	*	*	*	*	*	*	103	98	79	89	86	87
10:00	*	*	*	*	*	*	*	*	*	*	83	84	112	67	89	67
11:00	*	*	*	*	*	*	*	*	*	*	53	55	52	38	48	40
Lane	0	0	0	0	0	0	0	0	0	0	1382	1451	2336	2309	2294	2278
Day	0		0		0		0		0		2833		4645		4572	
AM Peak													11:00	10:00	11:00	11:00
Vol.													159	153	157	178
PM Peak											13:00	13:00	14:00	13:00	13:00	12:00
Vol.											177	181	169	171	172	188

Evergreen Street

Strafford, MO

ADT = 5,035

Site Code: 00000001
Station ID:

Latitude: 0° 0.000 South

Start Time	13-Jul-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Direction 1	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction
12:00 AM	27	29	46	39	35	33	34	44	39	41	*	*	*	*	36	37
01:00	18	21	30	27	37	29	30	22	27	28	*	*	*	*	28	25
02:00	16	24	32	20	38	35	26	24	45	34	*	*	*	*	31	27
03:00	51	26	26	26	32	24	39	31	31	23	*	*	*	*	36	26
04:00	22	21	31	24	36	37	40	27	31	32	*	*	*	*	32	28
05:00	53	46	73	51	63	60	69	58	72	68	*	*	*	*	66	57
06:00	93	83	100	83	100	73	119	99	115	94	*	*	*	*	105	86
07:00	116	106	132	101	137	114	137	119	145	122	*	*	*	*	133	112
08:00	107	110	113	116	118	116	158	139	130	115	*	*	*	*	125	119
09:00	115	124	118	133	149	142	148	143	112	105	*	*	*	*	128	129
10:00	131	135	151	173	124	147	161	158	*	*	*	*	*	*	142	153
11:00	167	189	174	187	182	172	159	211	*	*	*	*	*	*	170	190
12:00 PM	202	190	187	218	197	206	184	229	*	*	*	*	*	*	192	211
01:00	151	164	176	193	179	191	193	180	*	*	*	*	*	*	175	182
02:00	163	168	174	151	171	182	180	152	*	*	*	*	*	*	172	163
03:00	142	136	160	173	174	141	148	192	*	*	*	*	*	*	156	160
04:00	139	140	156	154	149	167	172	157	*	*	*	*	*	*	154	154
05:00	169	168	150	152	155	159	174	155	*	*	*	*	*	*	162	158
06:00	109	153	119	127	143	166	121	149	*	*	*	*	*	*	123	149
07:00	104	117	118	148	115	143	105	132	*	*	*	*	*	*	110	135
08:00	84	108	104	113	115	133	110	116	*	*	*	*	*	*	103	118
09:00	67	73	90	106	89	88	81	83	*	*	*	*	*	*	82	88
10:00	71	52	74	60	75	78	68	57	*	*	*	*	*	*	72	62
11:00	41	48	43	47	58	47	51	46	*	*	*	*	*	*	48	47
Lane	2358	2431	2577	2622	2671	2683	2707	2723	747	662	0	0	0	0	2581	2616
Day	4789		5199		5354		5430		1409		0		0		5197	
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00	10:00	11:00	07:00	07:00					11:00	11:00
Vol.	167	189	174	187	182	172	161	211	145	122					170	190
PM Peak	12:00	12:00	12:00	12:00	12:00	12:00	13:00	12:00							12:00	12:00
Vol.	202	190	187	218	197	206	193	229							192	211

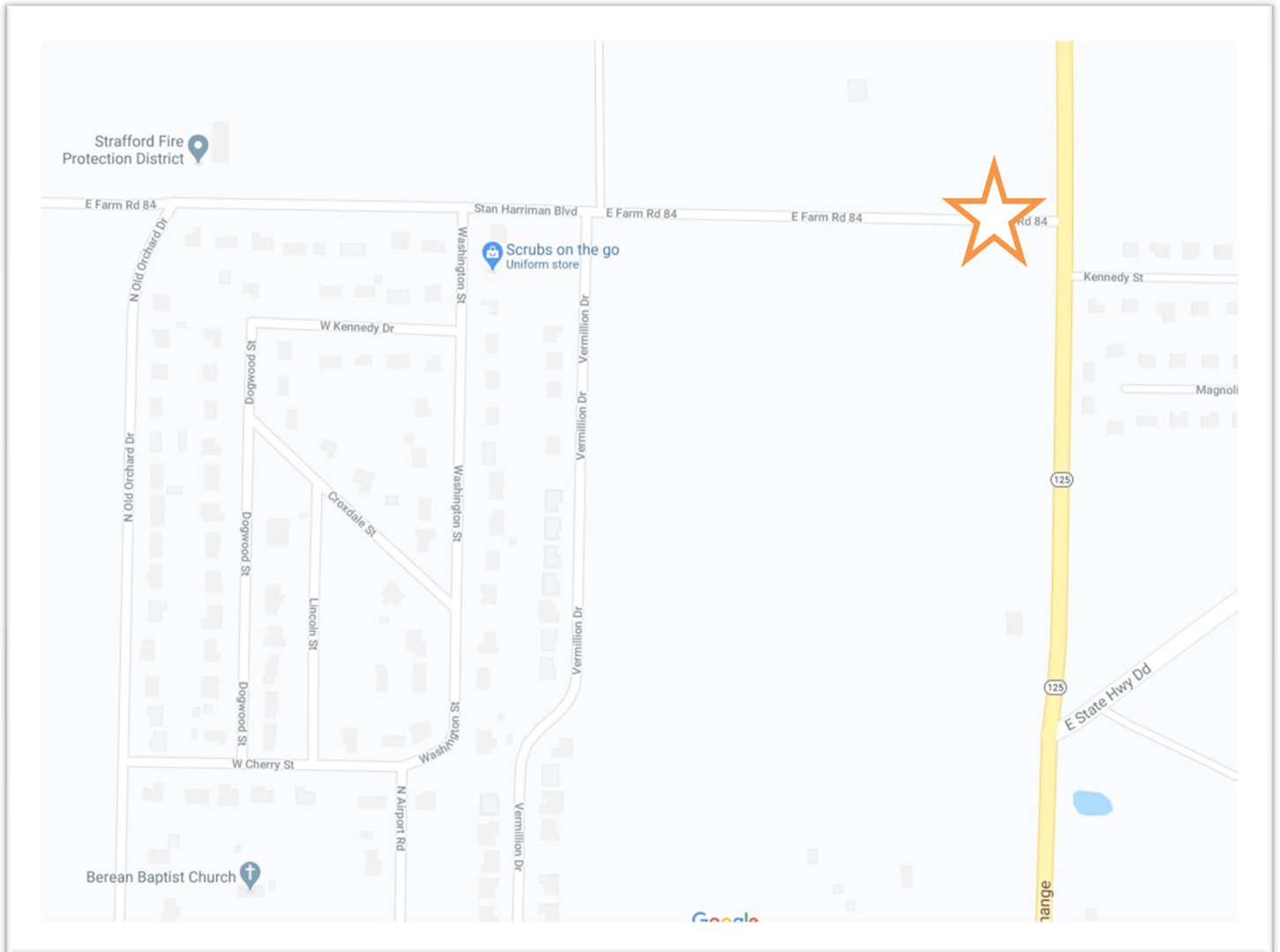
Comb. Total 4789 5199 5354 5430 4242 4645 4572 9888

ADT ADT 5,035 AADT 5,035

E. FARM ROAD 84 TRAFFIC COUNT REPORT

STRAFFORD, MO

ADT = 832



Location Map

Not to Scale



- Civil Engineering
- Land Surveying
- Architecture
- Site Development
- General Consulting
- Master Planning

737 Rudder Road, Fenton, MO 63026

July, 2020

E. Farm Road 84

Strafford, MO

ADT = 832

Site Code: 00000001

Station ID:

Latitude: 0° 0.000 South

Start Time	29-Jun-20		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	Direction 1	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction	Direction
12:00 AM	*	*	*	*	*	*	0	4	2	2	0	3	3	12	1	5
01:00	*	*	*	*	*	*	1	0	2	1	1	2	0	3	1	2
02:00	*	*	*	*	*	*	0	0	0	1	0	2	0	0	0	1
03:00	*	*	*	*	*	*	2	2	2	0	2	1	1	1	2	1
04:00	*	*	*	*	*	*	5	2	1	0	0	0	1	1	2	1
05:00	*	*	*	*	*	*	6	2	5	2	2	0	3	2	4	2
06:00	*	*	*	*	*	*	19	8	10	6	11	7	7	6	12	7
07:00	*	*	*	*	*	*	37	12	14	11	13	8	4	3	17	8
08:00	*	*	*	*	*	*	38	21	32	17	23	10	11	8	26	14
09:00	*	*	*	*	*	*	27	24	24	26	39	26	20	15	28	23
10:00	*	*	*	*	*	*	22	20	32	21	27	29	16	12	24	20
11:00	*	*	*	*	*	*	34	16	22	17	26	30	23	17	26	20
12:00 PM	*	*	*	*	*	*	23	29	22	30	27	35	23	35	24	32
01:00	*	*	*	*	*	*	22	11	14	24	26	27	28	23	22	21
02:00	*	*	*	*	*	*	14	30	31	25	15	61	22	19	20	34
03:00	*	*	*	*	*	*	18	40	24	40	21	90	19	30	20	50
04:00	*	*	*	*	*	*	19	33	25	32	28	31	24	22	25	31
05:00	*	*	*	*	*	*	34	51	30	38	23	25	26	36	27	36
06:00	*	*	*	*	*	*	32	35	20	28	12	22	24	30	23	29
07:00	*	*	*	*	*	*	22	21	23	24	16	14	22	26	21	23
08:00	*	*	*	*	*	*	22	46	7	14	27	25	11	16	16	24
09:00	*	*	*	*	*	*	11	24	4	14	89	103	13	13	27	34
10:00	*	*	*	*	*	*	3	8	6	6	7	46	6	13	8	21
11:00	*	*	*	*	*	*	1	2	1	10	2	6	1	2	1	7
Lane	0	0	0	0	156	223	378	388	460	523	363	501	308	345	377	446
Day	0		0		379		766		983		864		653		823	
AM Peak							08:00	09:00	08:00	09:00	09:00	11:00	11:00	11:00	09:00	09:00
Vol.							38	24	32	26	39	30	23	17	28	23
PM Peak					17:00	17:00	17:00	15:00	21:00	21:00	16:00	15:00	13:00	17:00	17:00	15:00
Vol.					34	51	30	40	89	103	28	90	28	36	27	50

