

Appendicies



**A: Engagment
Feedback**



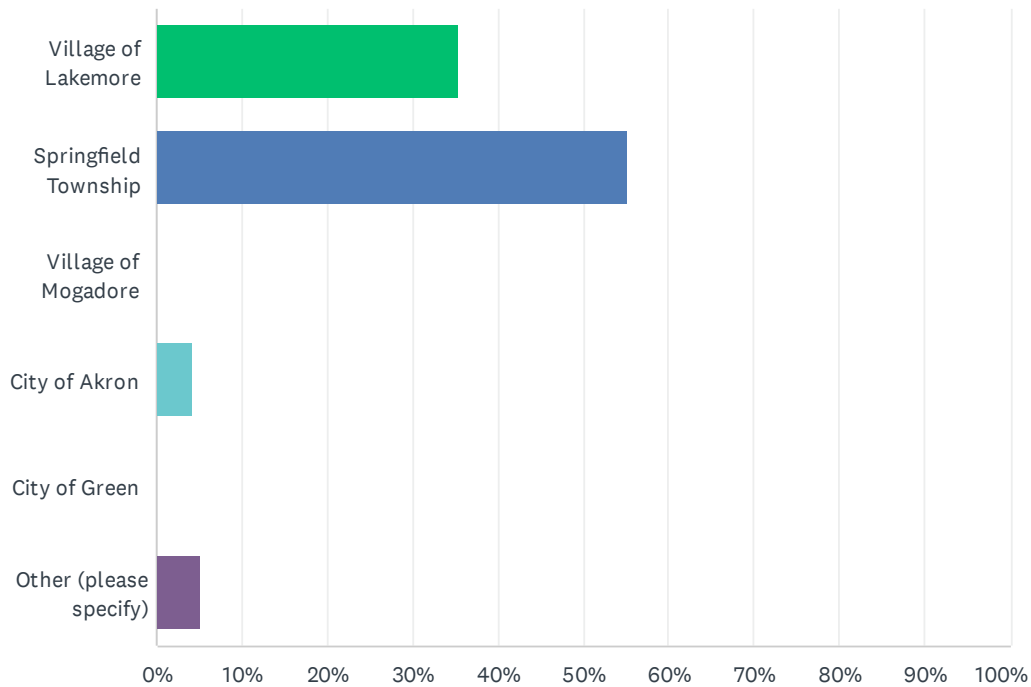
**B: Preliminary
Cost Estimates**

Appendix A

Engagement Feedback

Q1 Where do you live?

Answered: 116 Skipped: 1

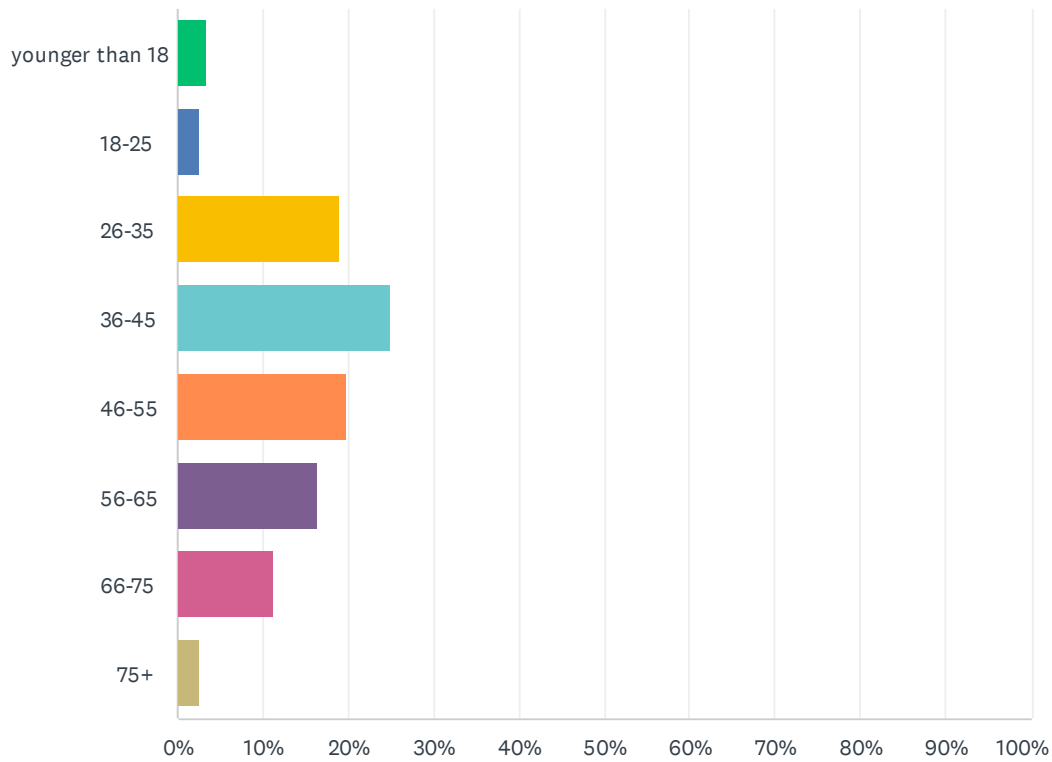


ANSWER CHOICES	RESPONSES
Village of Lakemore	35.34% 41
Springfield Township	55.17% 64
Village of Mogadore	0.00% 0
City of Akron	4.31% 5
City of Green	0.00% 0
Other (please specify)	5.17% 6
TOTAL	116

#	OTHER (PLEASE SPECIFY)	DATE
1	New Franklin	10/17/2023 5:44 AM
2	Uniontown within Springfield School District	10/16/2023 10:32 PM
3	Kent	10/16/2023 7:41 PM
4	Coventry Township	10/16/2023 5:22 PM
5	Coventry Township	10/16/2023 5:13 PM
6	Uniontown	10/16/2023 4:50 PM

Q2 How old are you?

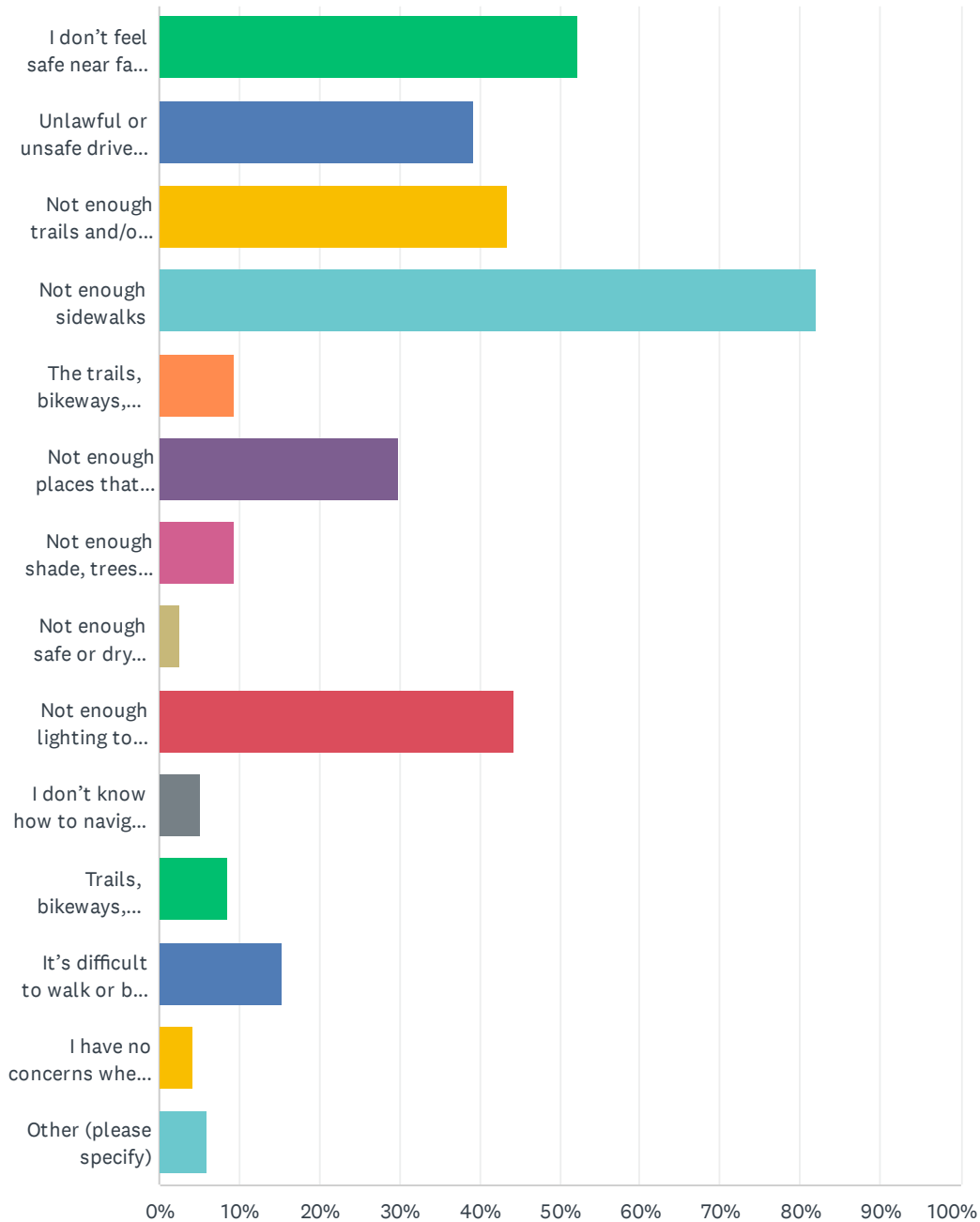
Answered: 116 Skipped: 1



ANSWER CHOICES	RESPONSES	
younger than 18	3.45%	4
18-25	2.59%	3
26-35	18.97%	22
36-45	25.00%	29
46-55	19.83%	23
56-65	16.38%	19
66-75	11.21%	13
75+	2.59%	3
TOTAL		116

Q3 What are your concerns when walking or biking in Lakemore/Springfield Township? Choose all that apply.

Answered: 117 Skipped: 0



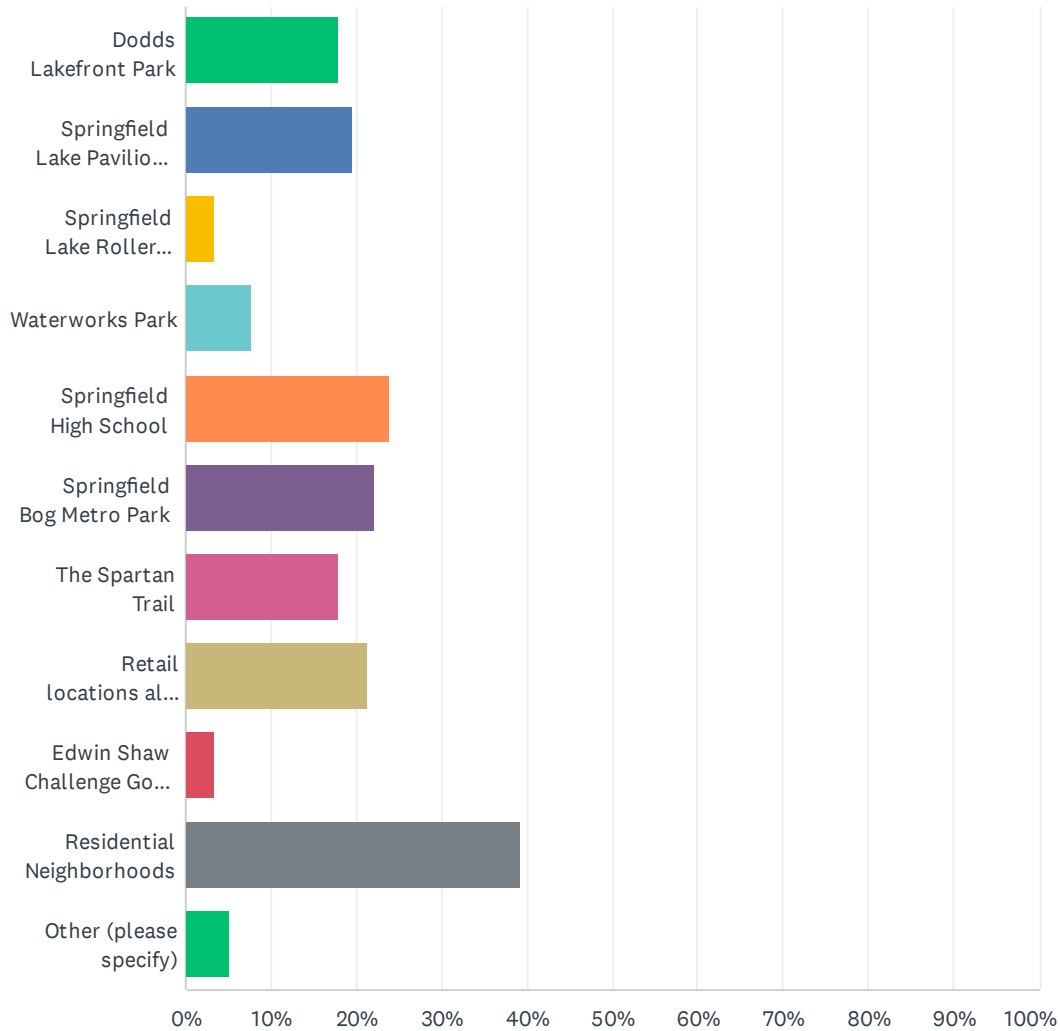
Living in Lakemore/Springfield Township Connectivity Plan - Community Survey

ANSWER CHOICES	RESPONSES	
I don't feel safe near fast moving cars	52.14%	61
Unlawful or unsafe driver behavior	39.32%	46
Not enough trails and/or bikeways	43.59%	51
Not enough sidewalks	82.05%	96
The trails, bikeways, and/or sidewalks are in poor condition (cracks, potholes, debris etc.)	9.40%	11
Not enough places that feel safe to cross the roadway	29.91%	35
Not enough shade, trees, benches, or other amenities along my route	9.40%	11
Not enough safe or dry places to park my bicycle	2.56%	3
Not enough lighting to walk or bike at night or early in the morning	44.44%	52
I don't know how to navigate the trails or bikeways	5.13%	6
Trails, bikeways, sidewalks, and/or crossings aren't accessible for people with disabilities	8.55%	10
It's difficult to walk or bike with cargo and/or young children	15.38%	18
I have no concerns when walking or biking	4.27%	5
Other (please specify)	5.98%	7
Total Respondents: 117		

#	OTHER (PLEASE SPECIFY)	DATE
1	No crosswalk by Springfield Jr/high school	10/17/2023 9:04 PM
2	I do not feel comfortable letting our children walk anywhere because there are no sidewalks and cars either drive too fast or are distracted.	10/17/2023 6:51 AM
3	We need sidewalks everywhere!	10/17/2023 12:46 AM
4	All the student hanging out at and obstructing drivers in the corner gastation on football game nights.	10/15/2023 3:05 PM
5	Who is going to pay for the extended trails	10/13/2023 11:04 AM
6	At 88, I walk with an upright walker on my Street. Not the best surface	9/26/2023 9:58 PM
7	Drug users, homeless, squatters,	9/21/2023 9:19 AM

Q4 Which places within or around the Village of Lakemore and Springfield Township would you like to walk/bike to most? Choose your top two (2)

Answered: 117 Skipped: 0



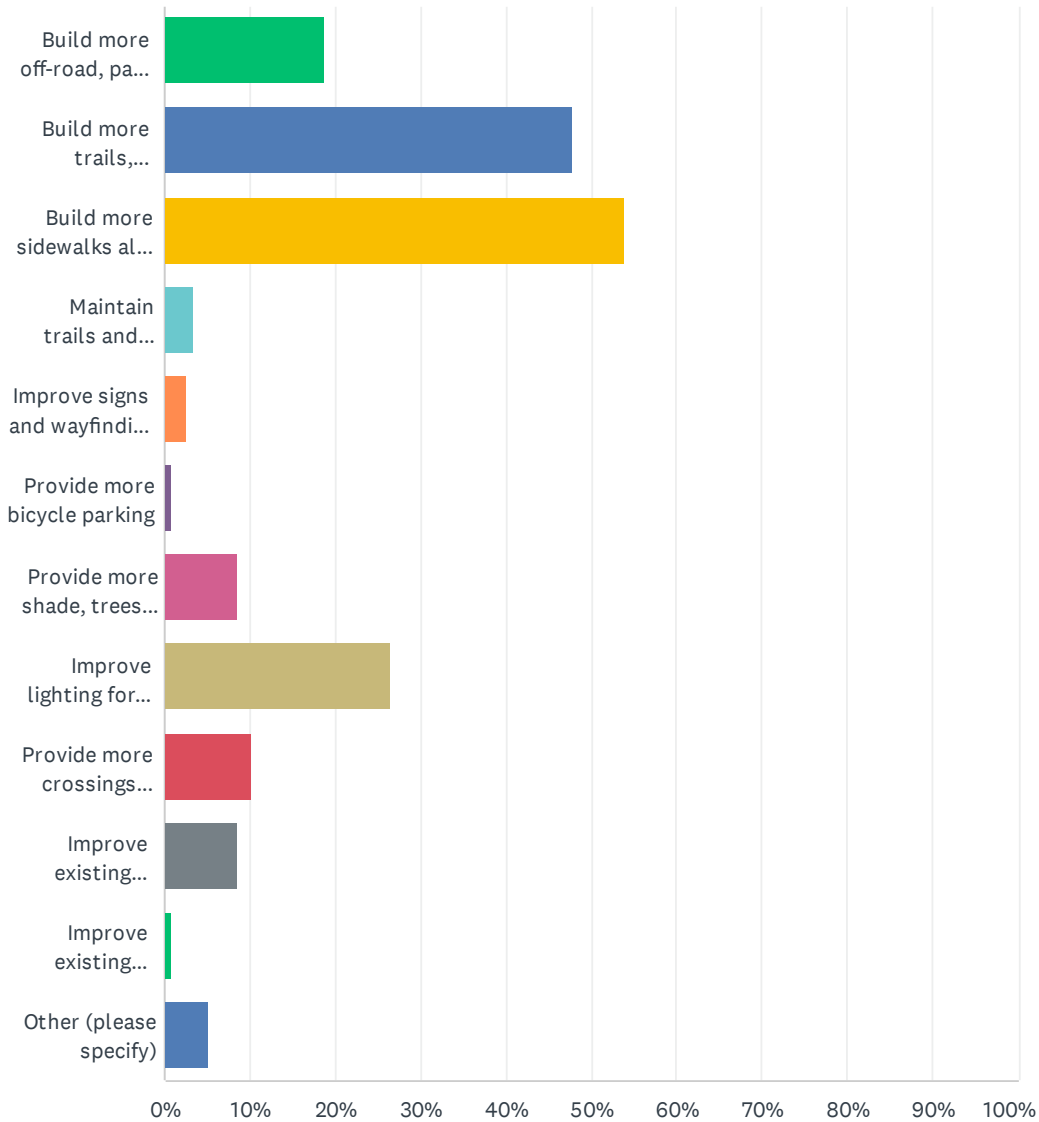
Living in Lakemore/Springfield Township Connectivity Plan - Community Survey

ANSWER CHOICES	RESPONSES	
Dodds Lakefront Park	17.95%	21
Springfield Lake Pavilion (Springfield Township)	19.66%	23
Springfield Lake Roller Rink	3.42%	4
Waterworks Park	7.69%	9
Springfield High School	23.93%	28
Springfield Bog Metro Park	22.22%	26
The Spartan Trail	17.95%	21
Retail locations along Canton Road	21.37%	25
Edwin Shaw Challenge Golf Course	3.42%	4
Residential Neighborhoods	39.32%	46
Other (please specify)	5.13%	6
Total Respondents: 117		

#	OTHER (PLEASE SPECIFY)	DATE
1	To the bus stop.	10/18/2023 8:01 PM
2	Canton, Killian, Krumroy, Massillon, Sanitarium and Portage Line/Tisen	10/17/2023 5:59 PM
3	Canton road	10/16/2023 8:41 PM
4	I do not bike or walk on any roads because many drivers do not pay attention to their surroundings. I use designated hiking or biking trails for leisure.	10/16/2023 7:55 PM
5	Everywhere	10/12/2023 10:18 PM
6	My street, Rustic Lane	9/26/2023 9:58 PM

Q5 What should be done to make walking and biking in Lakemore and Springfield Township more comfortable? Choose your top two (2) priorities.

Answered: 117 Skipped: 0



Living in Lakemore/Springfield Township Connectivity Plan - Community Survey

ANSWER CHOICES	RESPONSES	
Build more off-road, paved trails	18.80%	22
Build more trails, bikeways, and sidewalks that link to major assets in the area (i.e. Dodds Lakefront Park, Springfield Lake Roller Rink, Waterworks Park, Springfield High School, etc.)	47.86%	56
Build more sidewalks along residential neighborhood streets	53.85%	63
Maintain trails and bikeways so they are free of cracks, bumps, debris, etc.	3.42%	4
Improve signs and wayfinding for people walking and biking	2.56%	3
Provide more bicycle parking	0.85%	1
Provide more shade, trees, benches, trash cans, bicycle repair stations, and amenities for people walking and biking	8.55%	10
Improve lighting for people walking and biking	26.50%	31
Provide more crossings dedicated to people walking and biking	10.26%	12
Improve existing intersections to be more accessible to people with disabilities (curb cuts, ramps, smooth surfaces, etc.)	8.55%	10
Improve existing bikeways to be more comfortable for people biking	0.85%	1
Other (please specify)	5.13%	6
Total Respondents: 117		

#	OTHER (PLEASE SPECIFY)	DATE
1	Build sidewalks along major roads and improve lighting and safety for pedestrians	10/19/2023 6:46 AM
2	Build sidewalks along Canton Rd and Sanitarium Rd in front of the High School, from Seneca to the inter-section of Canton Rd & Sanitarium, and from that inter-section to the front drive of the High School.	10/17/2023 7:35 AM
3	Sidewalks for students to walk to school.	10/17/2023 6:51 AM
4	Safety for people.	10/16/2023 6:50 PM
5	Lower speed limit on Residential Roads like Sanitarium Rd.	10/16/2023 6:03 PM
6	Education of minors & adults how to improve their safety. As well as drivers on our streets. In daylight, at dusk /dawn . At night!	10/15/2023 3:05 PM

Q6 Tell us about specific areas that feel unsafe for people walking and biking with Lakemore and Springfield Township. What needs to be improved?

Answered: 91 Skipped: 26

#	RESPONSES	DATE
1	Lakemore	10/26/2023 3:27 PM
2	Sawyerwood neighborhood is unsafe for pedestrians and bikes. There are few if any sidewalks. There is nothing handicap accesible in the neighborhood.	10/24/2023 2:45 AM
3	sidewalks	10/23/2023 8:17 PM
4	Good	10/22/2023 8:19 PM
5	sanitarium Road, East Waterloo Rd	10/22/2023 3:32 PM
6	We need sidewalks	10/20/2023 7:59 AM
7	Crime watch and more lighting	10/19/2023 10:09 PM
8	Intersection of Kubler and 224 - really any intersection crossing 224 (4+ lanes) is terrifying	10/19/2023 8:09 PM
9	Sanitarium Rd. need side walks	10/19/2023 4:55 PM
10	Canton Road and Sanitarium Roads both are unsafe for walkers and biker riders. Sidewalks would help. Better lighting on Sanitarium and Canton Road in Lakemore would help	10/19/2023 6:46 AM
11	Waterloo rd. Canton rd. Around the bus stops	10/18/2023 8:01 PM
12	Krumroy Road	10/18/2023 5:39 PM
13	Canton Rd by Springfield high school desperately needs a crosswalk. I've personally seen children slip on wet grass just inches from the road. A sidewalk and crosswalk would get more use there than anywhere in the whole township.	10/17/2023 9:04 PM
14	Anywhere in the heart of Lakemore	10/17/2023 7:37 PM
15	Sanitarium Road !!!!!	10/17/2023 7:26 PM
16	Wider berms	10/17/2023 5:59 PM
17	More signage for each area, ie: school bus stop ahead, slow curve, caution children in area, etc.	10/17/2023 3:01 PM
18	walking up sanitarium to home	10/17/2023 8:16 AM
19	residential spaces	10/17/2023 8:08 AM
20	I wait for the school bus with my daughter on Springfield Lake drive and it would feel much safer if we had sidewalks or a place to stand. The bend near the roller rink also feels unsafe.	10/17/2023 7:39 AM
21	Children walking to and from the High School/Junior High along Sanitarium & Canton Roads.	10/17/2023 7:35 AM
22	Waterloo Road near police station	10/17/2023 7:29 AM
23	Walking areas by the schools	10/17/2023 7:21 AM
24	Mainly the routes leading to the jr high/high school. Seeing kids walk in the dark on main roads is unsafe.	10/17/2023 6:51 AM
25	Canton road	10/17/2023 5:44 AM
26	Canton road. People walking from Ellet direction (still Soringfield) to Giant Eagle. No sidewalks!	10/17/2023 12:46 AM

Living in Lakemore/Springfield Township Connectivity Plan - Community Survey

27	The area around the Jr./High School feels very unsafe for kids and walking. There is no bussing for the oldest students, and no sidewalks around the school. Kids walk in the direction of the park, and to Hidden Lakes, etc. with no safe place to walk/bike.	10/17/2023 12:15 AM
28	Na	10/16/2023 11:49 PM
29	Along Canton Rd from 224 to Killian. Fast moving vehicles, visibility is very difficult at night	10/16/2023 10:32 PM
30	From pitstop market Cafe (main street) through Catherine ave	10/16/2023 9:25 PM
31	Mostly the neighborhoods and lack of side walks. I live on the line of Springfield and mogadore there are hardly any sidewalks. I don't even take my three kids out because of this. They all ride their bikes in the driveway or we put them in a car and go to the park. We live a curve and people come flying around it night and day. It's just not a safe place in general without sidewalks.	10/16/2023 9:21 PM
32	Crossing 224 or canton rd. More sidewalks would be amazing.	10/16/2023 9:19 PM
33	Sanitarium road	10/16/2023 9:01 PM
34	Down canton road by get go gas station	10/16/2023 8:41 PM
35	Areas surrounding Springfield High School	10/16/2023 7:55 PM
36	The lay out of Springfield is not a pedestrian friendly place. Major shopping centers are on busy 4 lane roads where cars travel at high speeds. Lakemore seems more accessible for biking and foot traffic	10/16/2023 7:41 PM
37	Waterloo road & Sanitarium rd. Need sidewalks	10/16/2023 7:30 PM
38	Sanitarium Rd. needs sidewalks	10/16/2023 7:20 PM
39	Sanitarium rd.	10/16/2023 6:53 PM
40	Everywhere	10/16/2023 6:50 PM
41	Sanitarium rd to the high school. Especially in early morning hours	10/16/2023 6:34 PM
42	Canton road and sanitarium Rd needs sidewalks I see so many children trying to ride their bikes on these very busy roads	10/16/2023 6:32 PM
43	Residential and High-Middle School	10/16/2023 6:29 PM
44	Springhill area needs sidewalks badly. Some roads are very narrow for 2 cars to drive & you have to walk in yards when they pass you. Some yards have very deep ditches that could be piped & covered with sidewalks over them.	10/16/2023 6:21 PM
45	There is a significant lack of sidewalks and bike lanes. Many of the residential streets are very rough and lack lighting after dark. I don't worry about my safety in terms of crime, I worry about hurting myself in the dark.	10/16/2023 6:13 PM
46	Residential roads that aren't 25mph feel unsafe, especially when it doesn't have sidewalks also.	10/16/2023 6:03 PM
47	Canton road, going to the high school from sanitarium rd all of lakemore is dangerous to walk	10/16/2023 5:48 PM
48	Sanitarium Road	10/16/2023 5:38 PM
49	Canton Road going to the High School. Students are walking this road all the time, many times it is still dark.	10/16/2023 5:36 PM
50	The old trolley tracks would be a great connection between Springfield and Lakemore, but the trail is overgrown and I would never run or bike it alone. As overgrown as it is I would be nervous about a predator lurking	10/16/2023 5:35 PM
51	No sidewalks on Sanitarium	10/16/2023 5:29 PM
52	I love on pickle rd near schrop. I feel the trail is great there but we do not have any lighting or sidewalks that are accessible to the trail	10/16/2023 5:29 PM
53	Anything on 224 or 91 that doesn't have sidewalks.	10/16/2023 5:23 PM

Living in Lakemore/Springfield Township Connectivity Plan - Community Survey

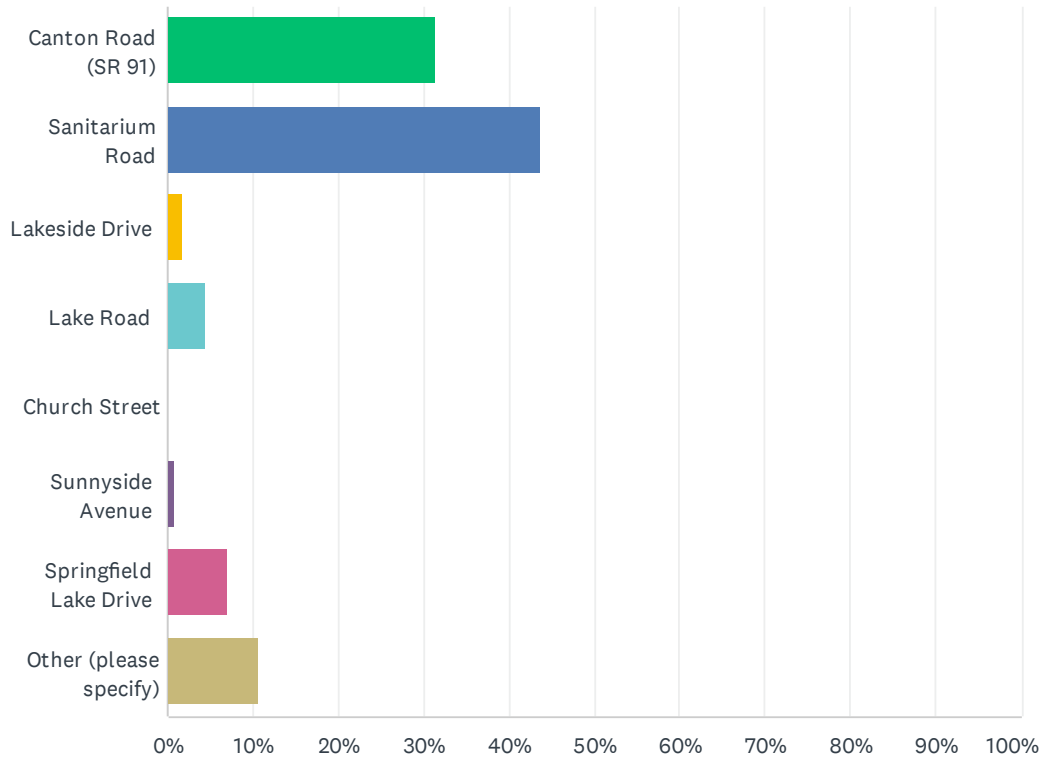
54	The trail leading up to the baseball fields behind the plaza and parts of the schrop trail	10/16/2023 5:22 PM
55	A path around the lake would be fantastic!	10/16/2023 5:16 PM
56	There really needs to be more sidewalks , maybe police patrol the areas	10/16/2023 5:14 PM
57	Side streets leading to schools, main roads leading to schools	10/16/2023 5:12 PM
58	My street has people cutting through and they fly up and down Ronald Road. The right turn out of Scope Academy and up Ronald is insane twice a day.	10/16/2023 5:10 PM
59	There are no safe walking or biking areas in the residential area as well as very dimmly lit roads.	10/16/2023 5:02 PM
60	Krumroy and Killian roads	10/16/2023 5:02 PM
61	Any of the streets, some people fly down the roads and there is not many places with sidewalks. Especially no sidewalks on the side roads.	10/16/2023 4:50 PM
62	Near and around the Lakemore plaza	10/16/2023 11:56 AM
63	The stretch of Sanitarium road to Springfield Highschool / Dollar General feels unsafe to walk. It also feels really difficult to walk from the "Pit Stop" side of Lakemore to the other side of the Lake with the walking trail and the fire station. I would also like to see the roads in town re-paved to make them more bicycle / scooter / skateboard friendly.	10/16/2023 9:19 AM
64	Along sanitarium is my biggest concern, but all of the roads are relatively narrow, making walking unnerving	10/16/2023 9:10 AM
65	Unsafe to cross road by High School near GetGo and Dollar General	10/15/2023 8:24 PM
66	Canton Rd-specially from the high school to 224	10/15/2023 5:30 PM
67	Trashcans	10/15/2023 5:15 PM
68	There are no biking dedicated biking trails in Lakemore, that I know of maybe that would be a great solution to our neighbors on the other side	10/15/2023 3:44 PM
69	That individuals take responsibility to improve their own safety. Such as reflectors on bicycles. Riders and walkers need to wear light colored plus reflective clothing. Walk against traffic ride with traffic bikes stop at stop signs.	10/15/2023 3:05 PM
70	Sanitarium Road	10/15/2023 1:59 PM
71	91 & 224 intersection	10/14/2023 8:27 AM
72	Street lighting should be improved with LED.	10/13/2023 11:04 AM
73	Canton Rd, Sanatarium rd where kids are walking to and from school, Massillon rd	10/12/2023 10:18 PM
74	Along Sanitarium road,	10/12/2023 9:36 PM
75	Street lights and side walks	10/12/2023 7:51 PM
76	Sanitarium Road	10/12/2023 5:40 PM
77	None	10/10/2023 8:45 PM
78	The old trolley tracks that connect Springfield Twp. and Lakemore need to be paved or have gravel. Also, there needs to be a side path connecting the Spartan Trail on the Lakefront up Canfield Road to the trolly tracks. This is unsafe.	10/7/2023 2:45 PM
79	Impossible to safely walk or bike on Sanitarium	9/27/2023 2:14 PM
80	I walk around the village and there no sidewalk on any road except on sanituin rd .	9/27/2023 12:40 PM
81	There are zero sidewalks	9/27/2023 11:38 AM
82	Crossings along 224 and Canton Rd are very dangerous.	9/27/2023 5:27 AM
83	Springfield blog	9/27/2023 4:18 AM
84	Canton Rd/224 area	9/27/2023 2:42 AM

Living in Lakemore/Springfield Township Connectivity Plan - Community Survey

85	My allotment streets	9/26/2023 9:58 PM
86	We need sidewalks in residential areas. Most of these roads are narrow and sharing them with cars can be difficult for both pedestrians and drivers.	9/26/2023 8:44 PM
87	Sidewalks on Sanitarium Rd and Canton Rd.	9/26/2023 8:08 PM
88	Trashcans	9/26/2023 6:49 PM
89	No sidewalks	9/26/2023 5:59 PM
90	Talk to the police and fire dept's, they know	9/21/2023 9:19 AM
91	St rt 224&Canton rd	9/18/2023 2:50 PM

Q7 Which corridor within the Village/Township would you most like to see bicycle/pedestrian infrastructure added/improved?

Answered: 112 Skipped: 5



ANSWER CHOICES	RESPONSES	
Canton Road (SR 91)	31.25%	35
Sanitarium Road	43.75%	49
Lakeside Drive	1.79%	2
Lake Road	4.46%	5
Church Street	0.00%	0
Sunnyside Avenue	0.89%	1
Springfield Lake Drive	7.14%	8
Other (please specify)	10.71%	12
TOTAL		112

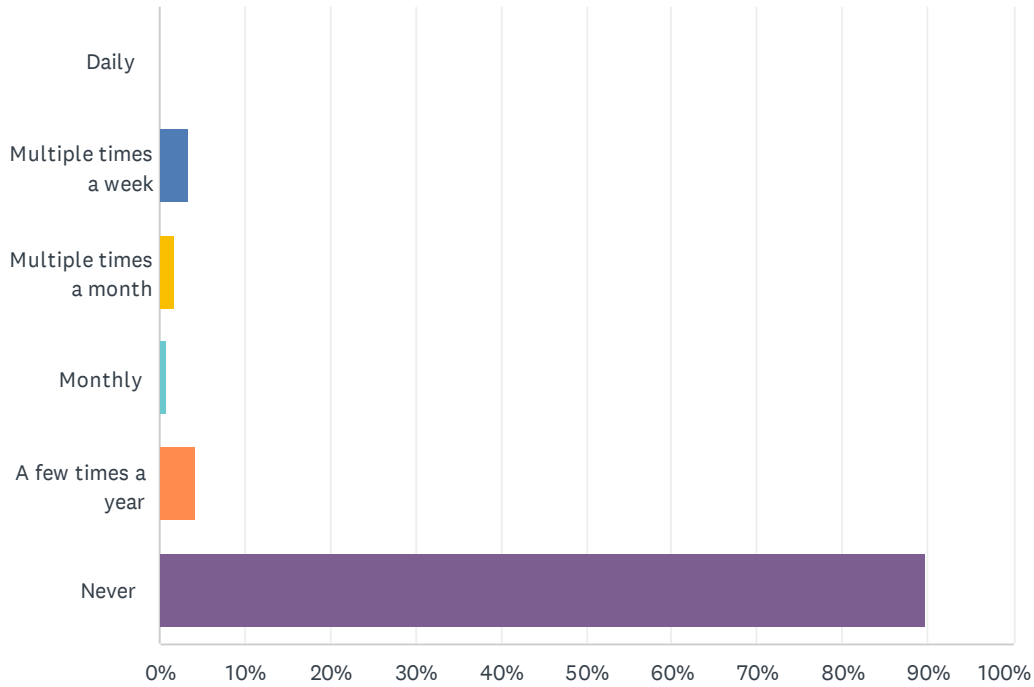
#	OTHER (PLEASE SPECIFY)	DATE
1	Krumroy, Pickle, Massillon	10/18/2023 5:39 PM
2	St Rte 241/Killian, schools on Killian and on Pickle some families could walk to school	10/17/2023 3:01 PM
3	Canton and Sanitarium	10/17/2023 12:15 AM

Living in Lakemore/Springfield Township Connectivity Plan - Community Survey

4	Albrecht and canton road. mogadore area like Herbert and side streets near.	10/16/2023 9:21 PM
5	No place is safe.	10/16/2023 6:50 PM
6	Springhill area	10/16/2023 6:21 PM
7	Krumroy	10/16/2023 6:13 PM
8	Pickle Rd	10/16/2023 5:29 PM
9	Albrecht Ave	10/16/2023 5:12 PM
10	None	10/14/2023 8:27 AM
11	none	10/13/2023 11:04 AM
12	224/hilbish	9/18/2023 12:19 PM

Q8 How often do you use public transit (METRO buses) to get to/from Lakemore and Springfield Township?

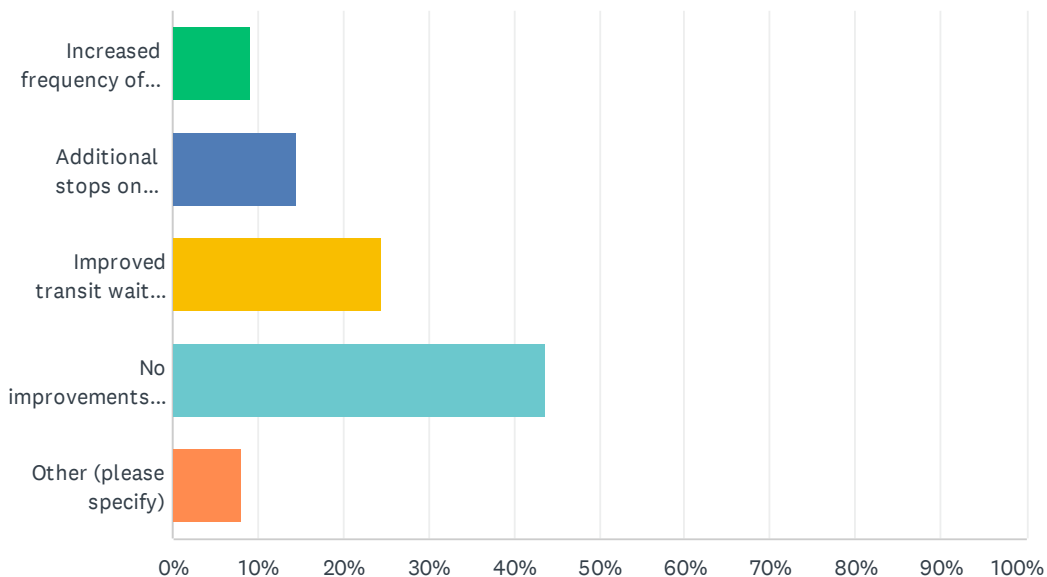
Answered: 117 Skipped: 0



ANSWER CHOICES	RESPONSES	
Daily	0.00%	0
Multiple times a week	3.42%	4
Multiple times a month	1.71%	2
Monthly	0.85%	1
A few times a year	4.27%	5
Never	89.74%	105
TOTAL		117

Q9 What improvements would you like to see to the public transit system within Lakemore and Springfield Township?

Answered: 110 Skipped: 7

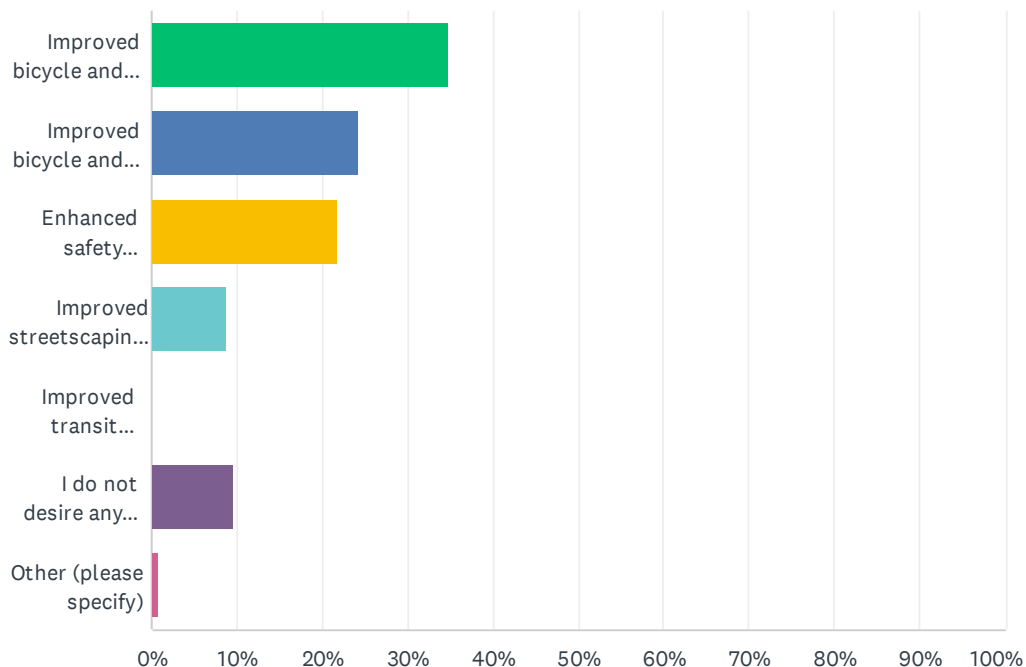


ANSWER CHOICES	RESPONSES	
Increased frequency of routes	9.09%	10
Additional stops on existing routes	14.55%	16
Improved transit waiting environments	24.55%	27
No improvements desired	43.64%	48
Other (please specify)	8.18%	9
TOTAL		110

#	OTHER (PLEASE SPECIFY)	DATE
1	keep buses out of residential areas	10/23/2023 8:17 PM
2	N/A	10/17/2023 6:51 AM
3	Unknown	10/16/2023 10:32 PM
4	N/A as I do not use public transportation.	10/16/2023 9:21 PM
5	Stop bussing riffraff from Akron into Springfield.	10/16/2023 7:55 PM
6	additional stops and routes to allow access for families to get to the schools in the district	10/16/2023 7:41 PM
7	Not applicable	10/16/2023 5:12 PM
8	I can't use public transit	9/26/2023 9:58 PM
9	Remove completely crime	9/18/2023 2:50 PM

Q10 What non-motorized transportation improvements would you most like to see developed within Lakemore and Springfield Township?

Answered: 115 Skipped: 2



ANSWER CHOICES	RESPONSES
Improved bicycle and pedestrian connections to assets (Dodds Lakefront Park, Springfield Lake Roller Rink, Waterworks Park, Springfield High School, etc.)	34.78% 40
Improved bicycle and pedestrian connections to residential neighborhoods	24.35% 28
Enhanced safety improvements to protect cyclists and pedestrians	21.74% 25
Improved streetscaping, lighting, signing, and corridor aesthetics	8.70% 10
Improved transit accessibility	0.00% 0
I do not desire any transportation non-motorized improvements within Lakemore or Springfield Township	9.57% 11
Other (please specify)	0.87% 1
TOTAL	115

#	OTHER (PLEASE SPECIFY)	DATE
1	Sidewalks in Springhill area	10/16/2023 6:21 PM

Q11 Please share any other thoughts you have regarding transportation improvements within Lakemore and Springfield Township?

Answered: 58 Skipped: 59

#	RESPONSES	DATE
1	I care for a disabled young man who uses a powerchair. The residential streets are hazardous and uneven and often no sidewalks are present. Due to lack of safe travel paths, he is even further confined to the area just around his home. I would love to see safe, handicap accessible trails, paths, upkept sidewalks that connected residents to shopping areas and other townships amenities.	10/24/2023 2:45 AM
2	work on the roads, there a mess, how about some patch work until repaving can be done	10/23/2023 8:17 PM
3	Great small village	10/22/2023 8:19 PM
4	Nope	10/22/2023 3:32 PM
5	All of these suggestions would be great improvements	10/19/2023 10:09 PM
6	Please put majority of the township time and money into cleaning up Springfield Lake and the surrounding areas. Focusing on items such as reforming the municipality waste systems, streets and roadways, enforcing residential and commercial property maintenance codes and improving trash and recycling streams to prevent the further pollution to lakes and lands in the area. Safe and clean surroundings are a necessity, while park trails and accessibility trails are more of a luxury and I wish the Springfield Township and city of Akron would address necessities before luxuries. If money could be allocated to research and development to determine what needs to be done to clean Springfield Lake so people can swim, boat, fish and enjoy the park and waters again, then justifying the money and time being put into park trails and paths will allow people to be able to then come walk, ride, swim, fish and enjoy the area again. Including large path markers along the trails that show how those enjoying the paths can help contribute/save the areas they're walking/riding along can help keep the area clean. Otherwise, the efforts put into providing more accessibility to people to these places is going to result in further destruction to such places unless effort is put first into cleaning and educating.	10/19/2023 8:09 PM
7	Improve lighting around the residencial area	10/19/2023 4:55 PM
8	We need sidewalks and lighting on major roads, especially for kids and older people	10/19/2023 6:46 AM
9	Metro transit could do a loop up Waterloo rd and around sanitarium rd to canton rd.	10/18/2023 8:01 PM
10	I would like to see sidewalks so we don't have to walk in the streets/burms.	10/17/2023 7:37 PM
11	The kids walking on sanitarium Road is my biggest concern	10/17/2023 7:26 PM
12	Could we get the scooters like Akron has?	10/17/2023 3:01 PM
13	Sanitarium Rd needs sidewalks and street lights, kids walking to school	10/17/2023 2:30 PM
14	Sidewalks would be amazing!	10/17/2023 7:39 AM
15	Street lighting increase near schools	10/17/2023 7:21 AM
16	The area needs sidewalks on at least main roads leading to grocery stores, schools, etc.	10/17/2023 6:51 AM
17	n/a	10/17/2023 5:44 AM
18	Try roundabouts! 224/91 especially! Keep traffic moving.	10/17/2023 12:46 AM
19	Linking community areas, and schools, via sidewalks and walkways, would be an asset to the community overall.	10/17/2023 12:15 AM
20	Na	10/16/2023 11:49 PM

Living in Lakemore/Springfield Township Connectivity Plan - Community Survey

21	As many Sidewalks as possible near play areas and schools	10/16/2023 10:32 PM
22	Please make it safer for our children. Streetlights are scarce. Sidewalks are non existent. If we had them the kids would stay on them. People drive like maniacs and we're supposed to have our children walk to bus stops when there are no lights!??	10/16/2023 9:25 PM
23	Sidewalks	10/16/2023 9:19 PM
24	More side walks and crossings	10/16/2023 8:41 PM
25	I would like to see improvements to safety for the kids walking to school.	10/16/2023 7:55 PM
26	Main thing is sidewalks for kids walking on sanitarium road and canton road	10/16/2023 7:30 PM
27	Safety for pedestrian from thugs.	10/16/2023 6:50 PM
28	Just for children and adults that have to ride bikes be able to do so in a safe enviroment	10/16/2023 6:32 PM
29	I live on one the side streets off Krumroy. There really isn't a safe place to bike or walk	10/16/2023 6:13 PM
30	I would like to see more side walks so children can be safe walking when they have to and also parents who have to walk with children	10/16/2023 5:48 PM
31	Better signage	10/16/2023 5:38 PM
32	Bus for all Springfield Jr and Sr Highschool	10/16/2023 5:29 PM
33	Na	10/16/2023 5:29 PM
34	How are we talking about bike trails when we don't have sidewalks on main roads. The bridge by taco bell doesn't have a sidewalk that is new! That is a safety issue for all! People, bikes and cars.	10/16/2023 5:23 PM
35	Path around the lake	10/16/2023 5:16 PM
36	Sidewalks for the high-school down sanitarium	10/16/2023 5:14 PM
37	N/A	10/16/2023 5:10 PM
38	Improvements of road conditions would be helpful, downtown Lakemore got the focus while other parts still need significant repair, mostly just west of the high school.	10/16/2023 5:02 PM
39	N/a	10/16/2023 5:02 PM
40	I just think having more sidewalks would be helpful.	10/16/2023 4:50 PM
41	I love this neighborhood but I would love for things to be more walkable! Making the big metro park walkable from lakemore would be wonderful, as would improving the safety of walking from lakemore to nearby businesses.	10/16/2023 9:19 AM
42	Good	10/15/2023 5:15 PM
43	At the east end for the most point of Canfield Road in Springfield cars are continually cutting through driving a crossed the grass to try to circumvent traffic. We need a better roadblock there.	10/15/2023 3:44 PM
44	That individual's are held accountable to for part of what they do to keep themselves safe. It's not all on police , drivers, or the community.	10/15/2023 3:05 PM
45	Lakemore and the township have higher prioritys than Bike trails. Upgrading utilities should come first.	10/13/2023 11:04 AM
46	Safer walking for kids to and from school	10/12/2023 10:18 PM
47	Stop these people flying down the streets with babies no helmets and only in a diaper they fly so fast it's scary called the cops and they do nothing so I don't bother anymore	10/12/2023 7:51 PM
48	None	10/10/2023 8:45 PM
49	It would be nice to have a hiking/biking trail all around Springfield lake.	10/7/2023 2:45 PM
50	??	9/27/2023 12:40 PM
51	None	9/27/2023 11:38 AM

Living in Lakemore/Springfield Township Connectivity Plan - Community Survey

52	Police patrol	9/27/2023 4:18 AM
53	We need more sidewalks and better lighting to start. There's more than that that needs doing but start with the basics.	9/26/2023 8:44 PM
54	It is very dangerous for the children that walk to and from the high school. No sidewalks and have to walk on the street with crazy drivers.	9/26/2023 8:08 PM
55	Good	9/26/2023 6:49 PM
56	Need sidewalks	9/26/2023 5:59 PM
57	Don't break the budget\$	9/21/2023 9:19 AM
58	Removing public trans would lower crime	9/18/2023 2:50 PM



Living in Lakemore/Spartan Trail Extension Plan

Public Meeting 1

October 18th, 2023



Tonight's Agenda

- ▶ Review of Plan Goals & Schedule
- ▶ Community Survey
- ▶ Existing Conditions Analysis
- ▶ Next Steps
- ▶ Questions/Activity Boards





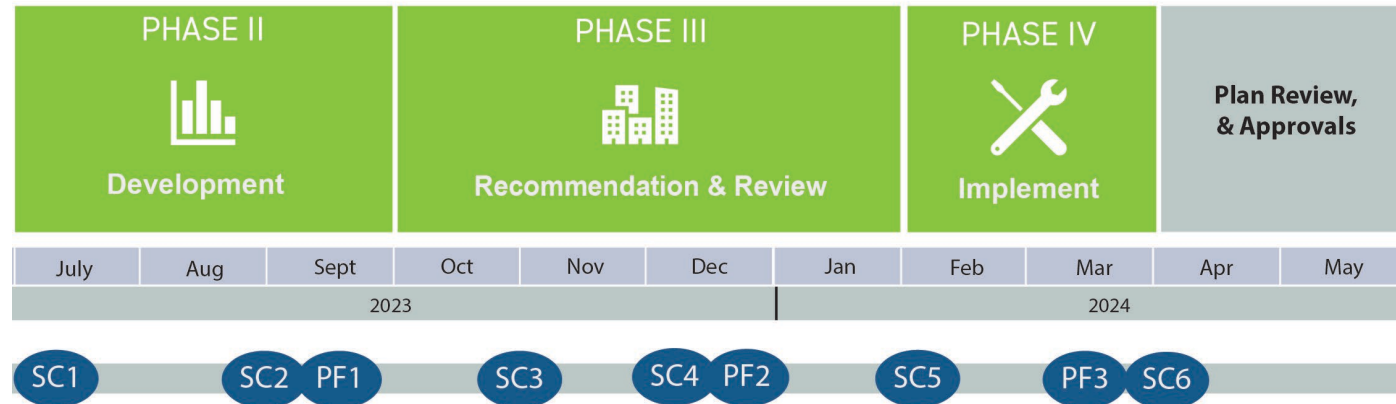
Plan Goals

- ▶ Identify appropriate locations for alternative modes of transportation;
- ▶ Provide alternative methods of transportation to employment, education and recreational centers, which in turn will support economic development activities;
- ▶ Ensure an equity focus in the community planning process by including residents of all abilities and income;
- ▶ Improve community collaboration;
- ▶ Identify community action items and implementation strategies.

Plan Schedule

- ▶ 9 Month Planning Process
- ▶ Final Plan - Spring 2024
- ▶ Plan Approval - May 2024
- ▶ 6 Steering Committee Meetings
- ▶ 3 Public Forums

Living in Lakemore/Spartan Trail Planning Process



Public Engagement Process



Community Survey

- ▶ 5-minute survey that asks basic questions regarding mobility in Lakemore
- ▶ Survey is online on Village, Township, and AMATs website
- ▶ Print copies in back or at Village/Township Hall
- ▶ Open through end of October



Existing Conditions

- Walks

- ▶ Most corridors within Village have no sidewalks
- ▶ Few locations have single side, adjacent walks
- ▶ Need signage and ADA upgrades
- ▶ Major roadways, including Canton and Sanitarium Roads have limited sidewalks
- ▶ New developments to east have sidewalks on both sides of roadway



Living in Lakemore Existing Sidewalks

- No Sidewalk
- Sidewalk - One Side
- Sidewalk - Both Sides



Springfield
Lake

Springfield Lake

91

Lakeside

Church

Sunnyside

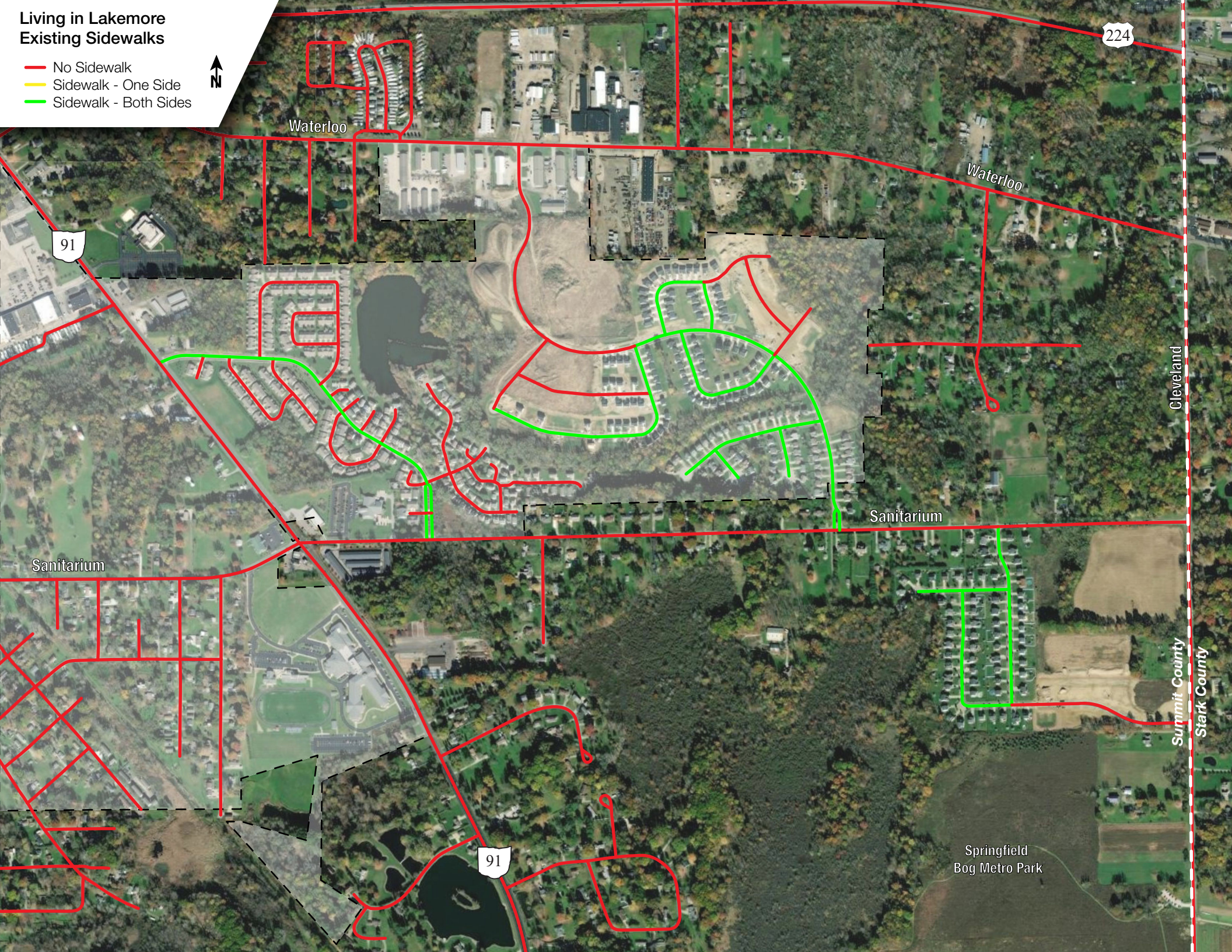
Lake

Waterworks
Park

Sanitarium

Living in Lakemore Existing Sidewalks

- No Sidewalk
- Sidewalk - One Side
- Sidewalk - Both Sides



Existing Conditions: Village Center - Roadways

- ▶ Most roadways have
 - ▶ Limited right-of-way width (30')
 - ▶ Limited pavement width (20')
 - ▶ Low speed limits (25 MPH)
 - ▶ Open drainage systems (ditches)
 - ▶ Utilities in treelawns
 - ▶ Structures close to right-of-way
- ▶ Some one-way roadways



**Living in Lakemore
Existing Right of Way Width**

- 20 Ft Wide
- 25 Ft Wide
- 30 Ft Wide
- 45 Ft Wide
- 50 Ft Wide
- 60 Ft Wide
- 66 Ft Wide



Springfield
Lake

Springfield Lake

Lakeside

Church

Sunnyside

Lake

Waterworks
Park

Sanitarium

91

Living in Lakemore Existing Traffic Patterns

- One-Way Traffic
- Two-Way Traffic



Springfield
Lake

Springfield Lake

Lakeside

Church

Sunnyside

Lake

Waterworks
Park

Sanitarium

91

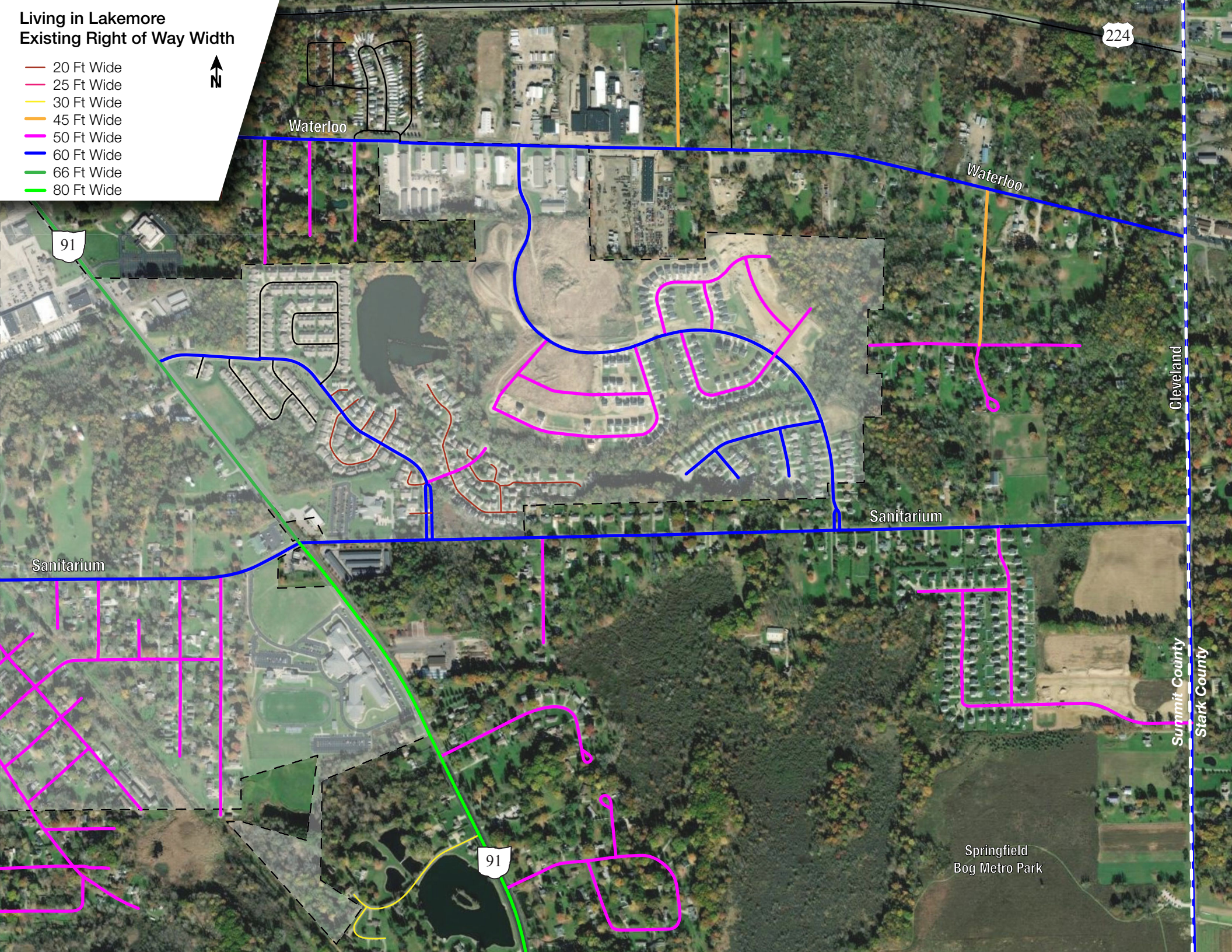
Existing Conditions: East Side - Roadways



- ▶ Most roadways have
 - ▶ Wider right-of-way widths (50'-60')
 - ▶ Mix of speed limits
 - ▶ Open drainage systems (ditches)
 - ▶ Utilities in treelawns
 - ▶ Structures away from right-of-way

Living in Lakemore Existing Right of Way Width

- 20 Ft Wide
- 25 Ft Wide
- 30 Ft Wide
- 45 Ft Wide
- 50 Ft Wide
- 60 Ft Wide
- 66 Ft Wide
- 80 Ft Wide



Waterloo

Waterloo

91

224

Sanitarium

Sanitarium

91

Springfield
Bog Metro Park

Cleveland

Summit County
Stark County

Next Steps

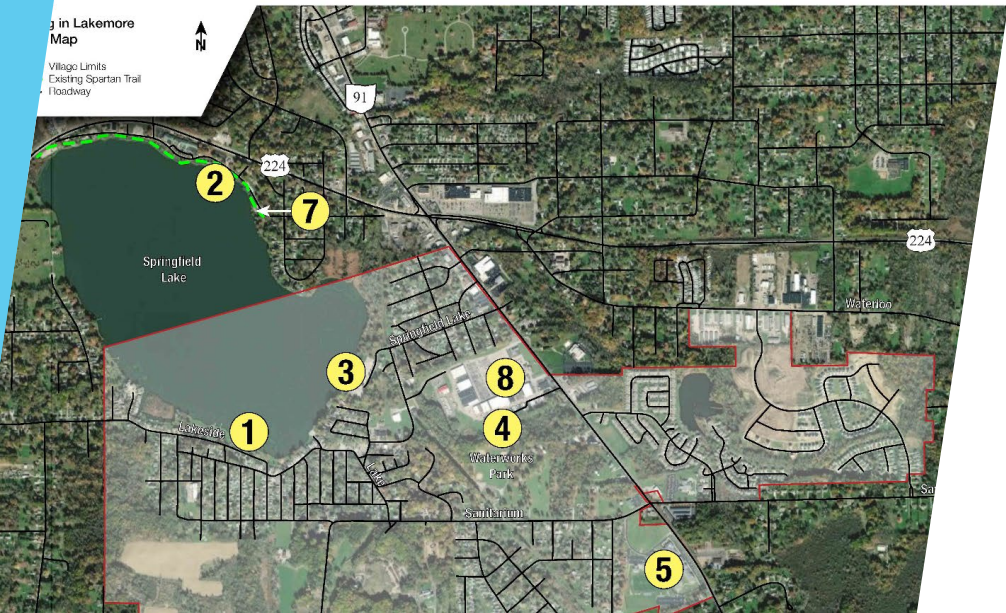
- ▶ Gather public feedback from community survey
- ▶ Identify network gaps and linkages
- ▶ Being to develop improvement ideas
 - ▶ Bicycle
 - ▶ Pedestrian
 - ▶ Transit
 - ▶ Traffic Calming





Place a pin on the location listed below that you would most like to have improved multi-modal connectivity to/from. Write in other notes on a Post-It note.




<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1. Dodds Lakeside Park	3. Springfield Lake Roller Rink	5. Springfield High School	7. Spartan Trail
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2. Springfield Lake Pavilion	4. Waterworks Park	6. Springfield Bog Metro Park	8. Canton Road Businesses

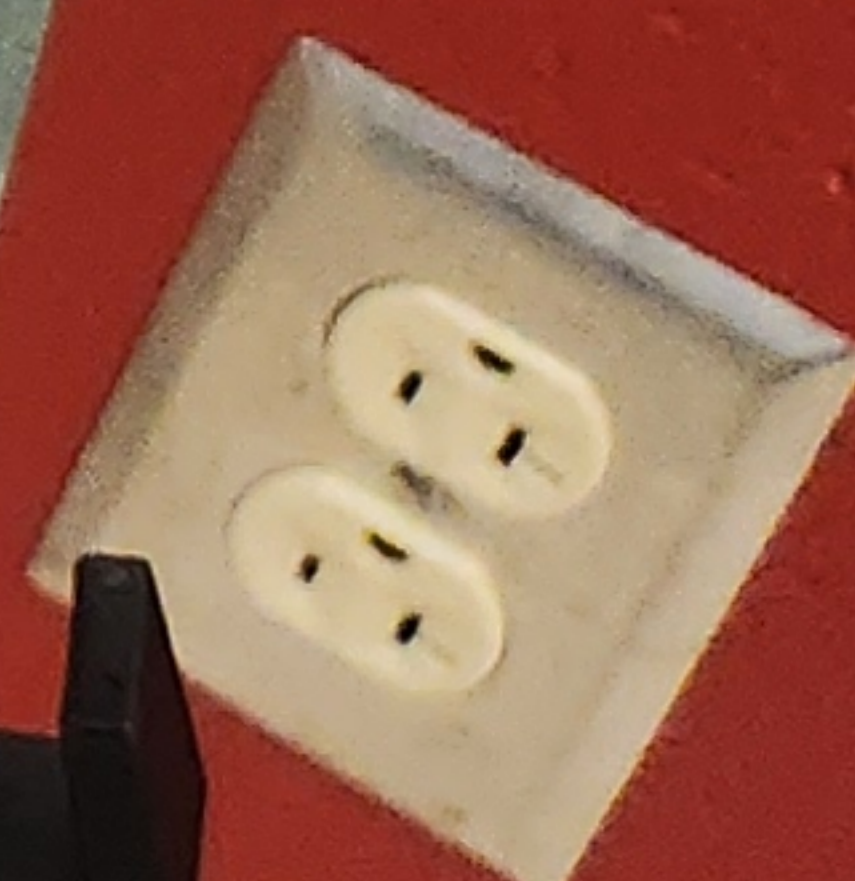


Activity Boards/Exercises

- ▶ Open house format
- ▶ Boards/exercises ask you to place pins, post-its, or highlight responses
- ▶ Goal is to get targeted feedback from public
- ▶ Boards/Exercises
 - ▶ Assets Board
 - ▶ Connectivity Board
 - ▶ Traffic/Traffic Calming Handout

Living in Lakemore
Area Map

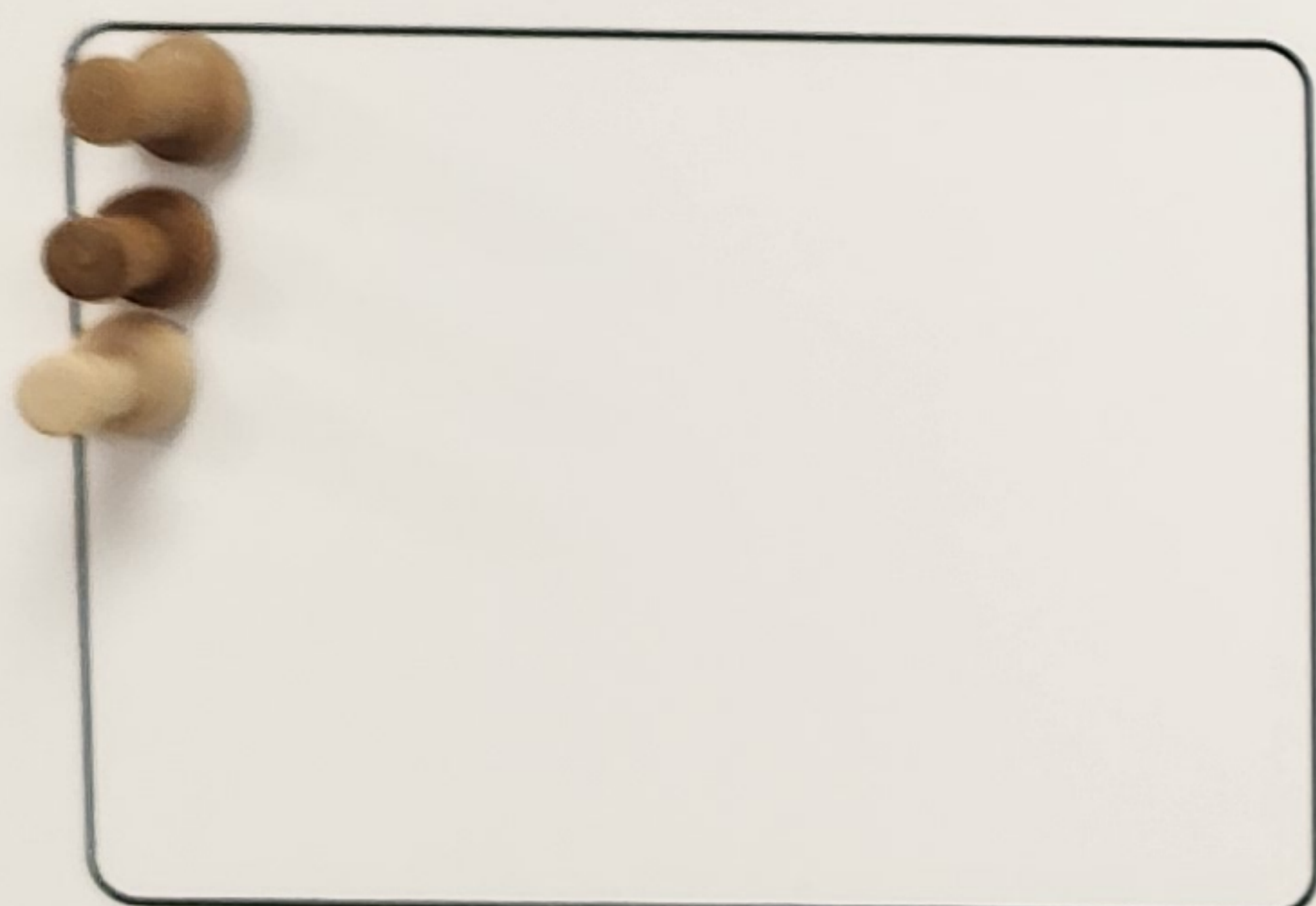
-  Village Limits
-  Existing Spartan Trail
-  Roadway



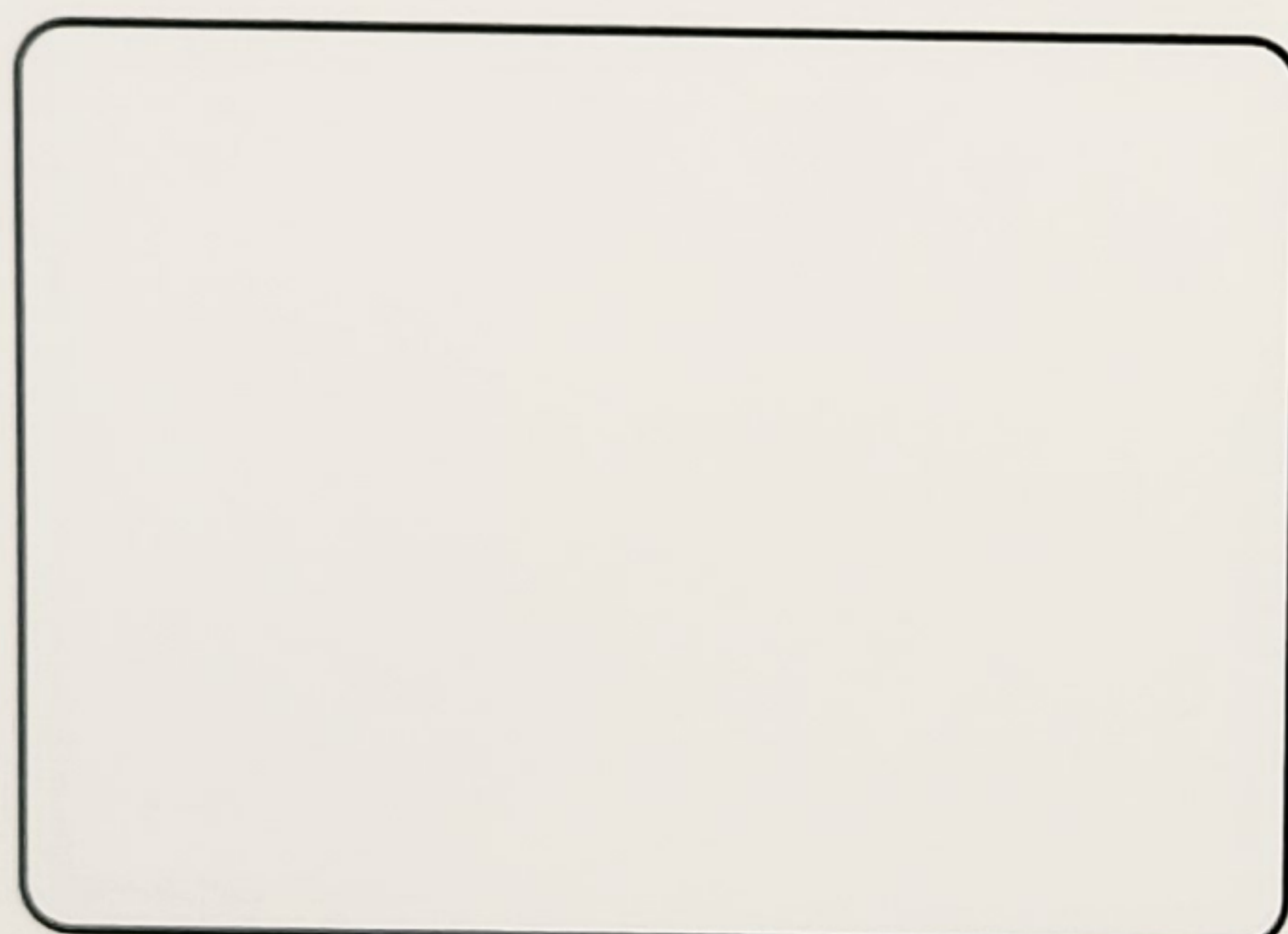
Asset Connectivity



1) Place a pin on the top two locations listed below that you would most like to see improved multi-modal connectivity to/from. Write in other locations on a Post-It note.



1. Dodds Lakeside Park



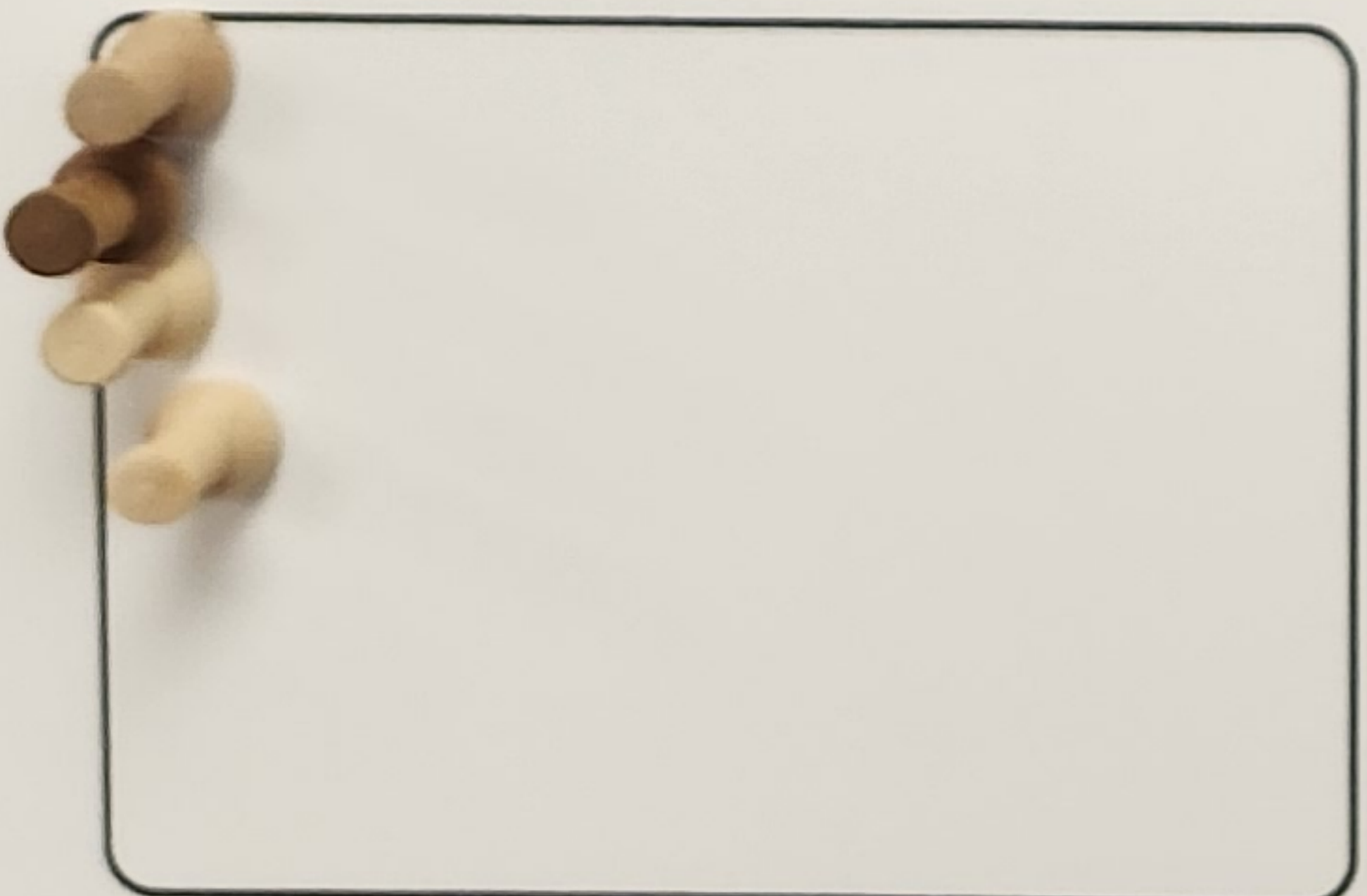
3. Springfield Lake Roller Rink



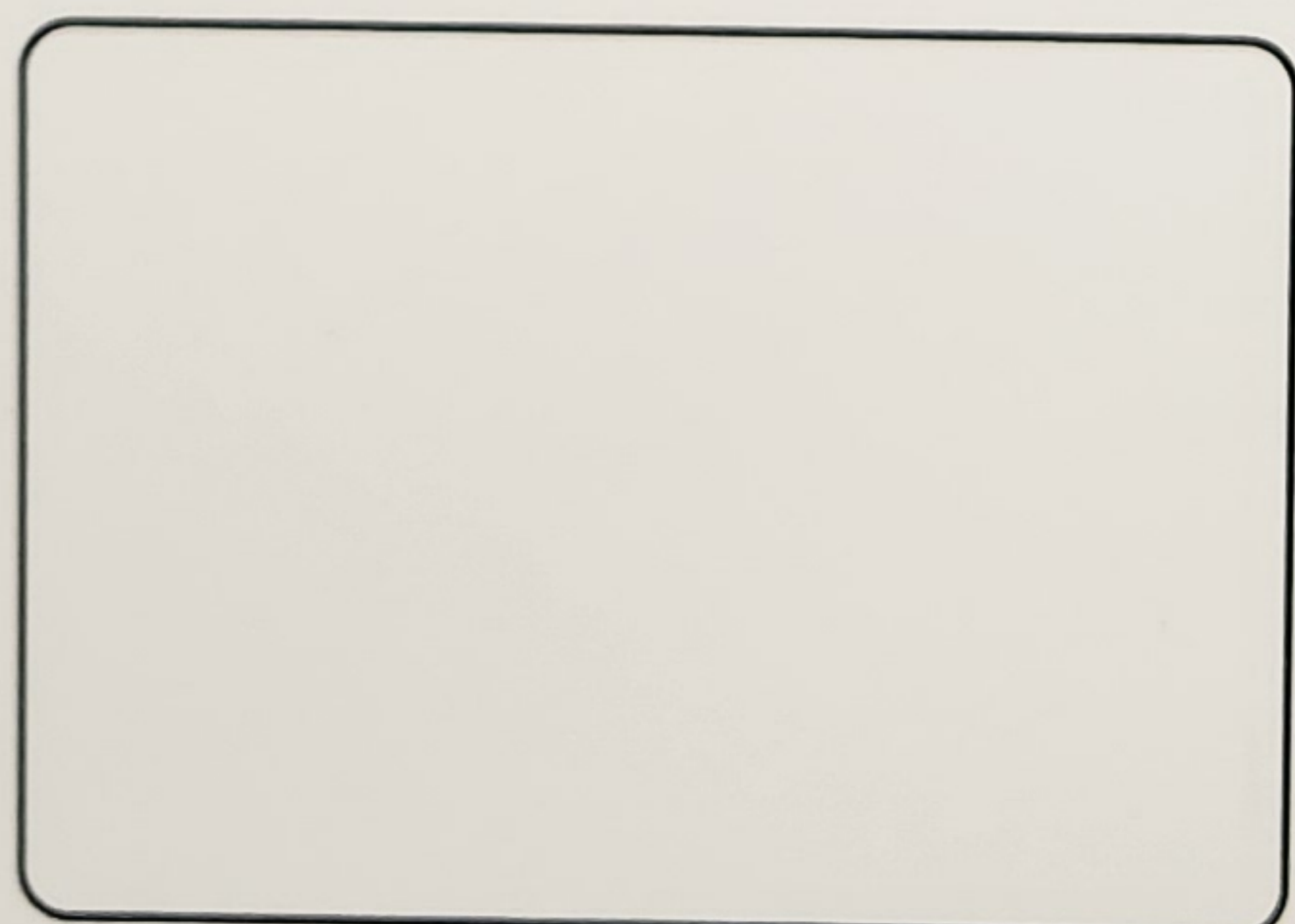
5. Springfield High School



7. Spartan Trail



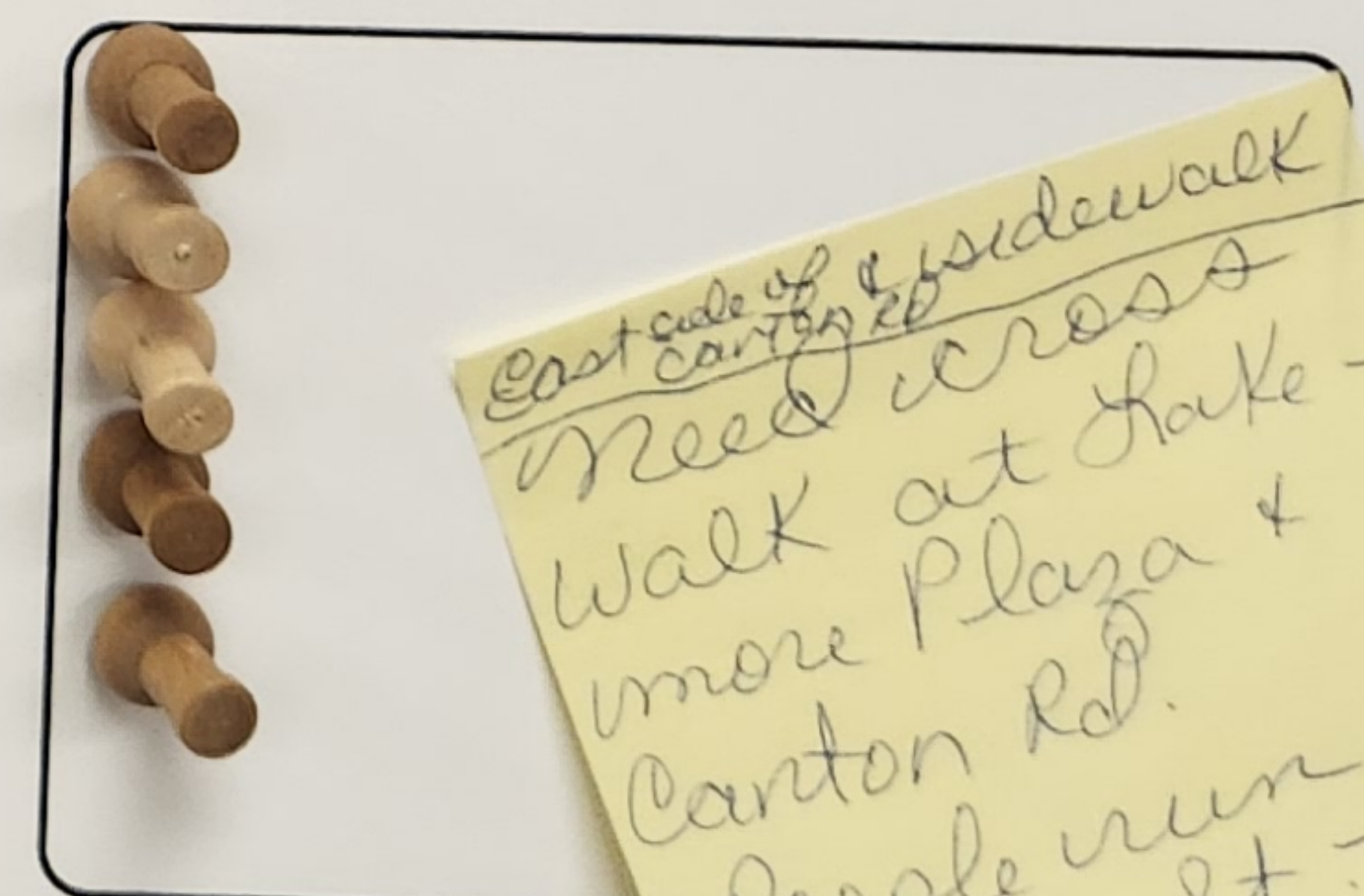
2. Springfield Lake Gazebo



4. Waterworks Park



6. Springfield Bog Metro Park



8. Lake Plaza

Food Pantry (2 pins)

Rehab Centers off Sanitarium

East side of Canton Rd. Need crosswalk across more Plaza + Canton Rd. People run across st - need sidewalk, too

Tyler's Redemption on Sanitarium

Scooters through the village in places no sidewalks park to plaza

Tyler's Redemption House & Restore







Place Post-It Co



Connectivity Improvements



Place a colored pin at the location corresponding to where you experience challenges walking or biking?

-  Pedestrian crossing is unsafe
-  Lack of adequate bicycle or pedestrian facilities
-  Lack of signage and wayfinding
-  Limited pedestrian-scaled lighting
-  Lack of support amenities (i.e. bike racks, benches, bike repair stations)
-  Feel unsafe walking or biking in this area



Appendix B

Preliminary Cost Estimates

Totals for Each Recommendations	
On Street Parking Improvements	
2nd, 3rd, 4th, Josephine Streets	\$ 70,000
Bicycle Improvements	
Dobbs Park Trail	\$ 300,000
Spartan Trail Extension - Option 2	\$ 1,040,000
Pedestrian Improvements	
Sanitarium - Phase 1 (2nd to Spartan Trail)	\$ 530,000
Sanitarium - Phase 2 (Spartan Trail to Brittany)	\$ 530,000
Canton Road	\$ 1,190,000
Lakemore Plaza Connector	\$ 150,000
Main Street Walk	\$ 240,000
Lake Road Walk	\$ 180,000
5th Street Shared Street	\$ 70,000
South and 2nd Walks	\$ 230,000
Akers Walk	\$ 320,000
Elizabeth Shared Street & Springfield Walk	\$ 70,000

Seperated 6' Walk Along Sanitarium from First Street to Spartan Trail Crossing (3,200 Ft) Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Roadway				
Clearing & Grubbing	Lump	\$1	20000	\$20,000
6' Walk	Sq Ft	\$8	19200	\$153,600
Street Crossings with Rectangular Rapid Flashing Beacons (RRFBs) - Sanitarium & Flickinger	Each	\$15,000.0	2	\$30,000
Curb Ramps	Each	\$500	6	\$3,000
Excavation	CU Yd	\$25	711	\$17,778
Embankment	CU Yd	\$20	711	\$14,222
Erosion Control				
Seeding & Mulching	Sq Yd	\$4	3,556	\$14,222
Topsoil	Cu Yd	\$40	395	\$15,810
Utilities				
Hydrant Relocation	Each	\$7,500	2	\$15,000
Small Utility Pole Relocation	Each	\$10,000	5	\$50,000
Primary Cost Drivers Subtotal				\$334,000
Contingencies (25%)				\$84,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$422,000
Right of Way Acquisition (1 parcel)				
10 Feet Wide Acquisition along South Side at Church	Lump	\$1	5,000	\$5,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$50,640
Construction Administration (10% of Construction Costs)				\$42,200
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$5,292
Summary of Probable Total Project Costs 2023				\$530,000

Estimate Prepared By:



Envision Group LLC
 2249 Elm Street
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 Cleveland, OH 44113

www.envisiongrouppllc.com

Seperated 6' Walk Along Sanitarium from Spartan Trail Crossing to Brittany - excluding Sanitarium/Canton intersection complete by County (2,900 Ft) Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Roadway				
Clearing & Grubbing	Lump	\$1	10000	\$10,000
6' Walk	Sq Ft	\$8	17400	\$139,200
Curb Ramps	Each	\$500	12	\$6,000
Excavation	CU Yd	\$25	644	\$16,111
Embankment	CU Yd	\$20	644	\$12,889
Erosion Control				
Seeding & Mulching	Sq Yd	\$4	3,222	\$12,889
Topsoil	Cu Yd	\$40	358	\$14,330
Utilities				
Hydrant Relocation	Each	\$7,500	7	\$52,500
Small Utility Pole Relocation	Each	\$10,000	7	\$70,000
Primary Cost Drivers Subtotal				\$334,000
Contingencies (25%)				\$84,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$422,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$50,640
Construction Administration (10% of Construction Costs)				\$42,200
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$5,292
Summary of Probable Total Project Costs 2023				\$530,000

Estimate Prepared By:



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Seperated 6' Walk From Dobbs Trail, along Akers that links to Existing Sanitarium Walk (1,700 Ft) Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Roadway				
Clearing & Grubbing	Lump	\$5,000	1	\$5,000
Fence Removed	Ft	\$3	500	\$1,500
6' Fence (Chain Link)	Ft	\$25	500	\$12,500
6' Walk	Sq Ft	\$8	10200	\$81,600
Curb Ramps	Each	\$500	7	\$3,500
Excavation	CU Yd	\$25	378	\$9,444
Embankment	CU Yd	\$20	378	\$7,556
Erosion Control				
Seeding & Mulching	Sq Yd	\$4	1,133	\$4,533
Topsoil	Cu Yd	\$40	126	\$5,040
Traffic Control				
Crosswalk Markings - Lakeside & Elmer	Ft	\$4	100	\$400
Utilities				
Hydrant Relocation	Each	\$7,500	3	\$22,500
Small Utility Pole Relocation	Each	\$10,000	5	\$50,000
Primary Cost Drivers Subtotal				\$204,000
Contingencies (25%)				\$51,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$259,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$31,080
Construction Administration (10% of Construction Costs)				\$25,900
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$3,248
Summary of Probable Total Project Costs 2023				\$320,000

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Adjacent 6' Walk (uncurbed)				
From Boat Launch, along Lake to Park Street (1,200 Ft), Add pedestrian crossings at intersections (3 in total)				
Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Roadway				
Clearing & Grubbing	Lump	\$5,000	1	\$5,000
6' Walk	Sq Ft	\$8	7200	\$57,600
Curb Ramps	Each	\$500	12	\$6,000
Excavation	CU Yd	\$25	133	\$3,333
Embankment	CU Yd	\$20	133	\$2,667
Erosion Control				
Seeding & Mulching	Sq Yd	\$4	400	\$1,600
Topsoil	Cu Yd	\$40	44	\$1,780
Utilities				
Small Utility Pole Relocation	Each	\$10,000	3	\$30,000
Primary Cost Drivers Subtotal				\$108,000
Contingencies (25%)				\$27,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$139,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$16,680
Construction Administration (10% of Construction Costs)				\$13,900
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$1,743
Summary of Probable Total Project Costs 2023				\$180,000

Estimate Prepared By:



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Seperated 6' Walk Along North side of Lakemore Plaza - linking Canton Road to Main Street (1,300 Ft) - Easement Exists Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Roadway				
Clearing & Grubbing	Lump	\$1	5000	\$5,000
6' Walk	Sq Ft	\$8	7800	\$62,400
Excavation	CU Yd	\$25	289	\$7,222
Embankment	CU Yd	\$20	289	\$5,778
Erosion Control				
Seeding & Mulching	Sq Yd	\$4	867	\$3,467
Topsoil	Cu Yd	\$40	96	\$3,860
Traffic Control				
Pedestrian Crosswalk Markings in Parking Lot	Ft	\$4	350	\$1,400
Primary Cost Drivers Subtotal				\$90,000
Contingencies (25%)				\$23,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$117,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$14,040
Construction Administration (10% of Construction Costs)				\$11,700
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$1,467
Summary of Probable Total Project Costs 2023				\$150,000

Estimate Prepared By:



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Adjacent 8' Walk Along Canton Road (3100 Ft) - assume curbed and closed drainage (replace shoulder south of Plaza) Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Roadway				
6' Walk	Sq Ft	\$8	18600	\$148,800
Curb - Type 6	Ft	\$9	3100	\$27,900
Excavation	CU Yd	\$25	689	\$17,222
Embankment	CU Yd	\$20	689	\$13,778
Erosion Control				
Seeding & Mulching	Sq Yd	\$4	2,067	\$8,267
Topsoil	Cu Yd	\$40	230	\$9,190
Utilities				
Hydrant Relocation	Each	\$7,500	6	\$45,000
Large Utility Pole Relocation	Each	\$20,000	6	\$120,000
Drainage				
Catch Basin, Type 3A	Each	\$4,000	10	\$41,333
12" Conduit, Type B	Ft	\$90	3,100	\$279,000
4" Underdrain	Ft	\$18	3,100	\$55,800
Primary Cost Drivers Subtotal				\$767,000
Contingencies (25%)				\$192,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$963,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$115,560
Construction Administration (10% of Construction Costs)				\$96,300
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$12,076
Summary of Probable Total Project Costs 2023				\$1,190,000

Estimate Prepared By:



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Adjacent 6' Walk Along Second and South to 5th Street (800 Ft) - assume curbed and closed drainage Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Roadway				
6' Walk	Sq Ft	\$8	4800	\$38,400
Curb - Type 6	Ft	\$9	600	\$5,400
Excavation	CU Yd	\$25	178	\$4,444
Embankment	CU Yd	\$20	178	\$3,556
Erosion Control				
Seeding & Mulching	Sq Yd	\$4	533	\$2,133
Topsoil	Cu Yd	\$40	59	\$2,380
Utilities				
Small Utility Pole Relocation	Each	\$10,000	1	\$10,000
Drainage				
Catch Basin, Type 3A	Each	\$4,000	3	\$12,000
12" Conduit, Type B	Ft	\$90	600	\$54,000
4" Underdrain	Ft	\$18	600	\$10,800
Primary Cost Drivers Subtotal				\$144,000
Contingencies (25%)				\$36,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$184,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$22,080
Construction Administration (10% of Construction Costs)				\$18,400
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$2,307
Summary of Probable Total Project Costs 2023				\$230,000

Estimate Prepared By:



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Seperated 6' Walk Along Main from Village Hall to Kenny Ray Jr Parkway (800 Ft) Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Roadway				
6' Walk	Sq Ft	\$8	4800	\$38,400
Excavation	CU Yd	\$25	178	\$4,444
Embankment	CU Yd	\$20	178	\$3,556
Erosion Control				
Seeding & Mulching	Sq Yd	\$4	533	\$2,133
Topsoil	Cu Yd	\$40	59	\$2,380
Utilities				
Small Utility Pole Relocation	Each	\$10,000	4	\$40,000
Drainage				
Three Sided Culvert Extension	Ft	\$2,500	10	\$25,000
Full Height Headwall	Lump	\$30,000	1	\$30,000
Primary Cost Drivers Subtotal				\$146,000
Contingencies (25%)				\$37,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$187,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$22,440
Construction Administration (10% of Construction Costs)				\$18,700
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$2,345
Summary of Probable Total Project Costs 2023				\$240,000

Estimate Prepared By:



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Dobbs Park Trail Assumptions: 2,100' long of 10' wide, asphalt trail, runs along Village owned property Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Roadway				
Clearing & Grubbing	Lump	\$5,000	1	\$5,000
Excavation	CU Yd	\$25	933	\$23,333
Embankment	CU Yd	\$20	933	\$18,667
Erosion Control				
Seeding & Mulching	Sq Yd	\$4	2,800	\$11,200
Topsoil	Cu Yd	\$40	311	\$12,450
Pavement				
6" Aggregate Base	Cu Yd	\$80	420	\$33,630
Geotextile Fabric, Type D	Sq Yd	\$2	2,522	\$5,044
1.75" Asphalt Concrete Intermediate Course, Type 2, PG64-22	Cu Yd	\$200	123	\$24,522
1.25" Asphalt Concrete Surface Course, Type 1, PG64-22	Cu Yd	\$225	88	\$19,705
Traffic Control				
Trail Markings	Ft	\$8	2,100	\$16,800
Trail Signage	Each	\$250	26	\$6,563
Primary Cost Drivers Subtotal				\$177,000
Mobilization				\$4,000
Contingencies (25%)				\$45,000
Summary of Probable Total Construction Costs 2023				\$226,000
Engineering & Design Costs 12% of Construction Costs (Including Survey, Enviro and Geotechnical)				\$27,120
Construction Administration 10% of Construction Costs				\$22,600
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$15,716
Summary of Probable Total Project Costs 2023				\$300,000

Estimate Prepared By:



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Spartan Trail - Option 2				
Assumptions: 6,500' long of 10' wide, asphalt trail, with HAWK and easement				
Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Roadway				
Clearing & Grubbing	Lump	\$30,000	1	\$30,000
Excavation	CU Yd	\$25	2889	\$72,222
Embankment	CU Yd	\$20	2889	\$57,778
Curb - Type 6	Ft	\$9	120	\$1,080
Curb Ramps	Each	\$500	2	\$1,000
Concrete for Refuge Island	Sq Ft	\$8	500	\$4,000
Erosion Control				
Seeding & Mulching	Sq Yd	\$4	8,667	\$34,667
Topsoil	Cu Yd	\$40	963	\$38,520
Pavement				
6" Aggregate Base	Cu Yd	\$80	1,235	\$98,815
Geotextile Fabric, Type D	Sq Yd	\$2	7,411	\$14,822
1.75" Asphalt Concrete Intermediate Course, Type 2, PG64-22	Cu Yd	\$200	360	\$72,052
1.25" Asphalt Concrete Surface Course, Type 1, PG64-22	Cu Yd	\$225	257	\$57,899
Traffic Control				
HAWK Signal at Norwood and Canton	Each	\$80,000	1	\$80,000
Trail Markings	Ft	\$8	6,500	\$52,000
Trail Signage	Each	\$250	81	\$20,313
Primary Cost Drivers Subtotal				\$636,000
Mobilization				\$10,000
Contingencies (25%)				\$159,000
Summary of Probable Total Construction Costs 2023				\$805,000
Engineering & Design Costs 12% of Construction Costs (Including Survey, Enviro and Geotechnical)				\$96,600
Construction Administration 10% of Construction Costs				\$80,500
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$55,980
Summary of Probable Total Project Costs 2023				\$1,040,000

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On Street Parking Total 2nd, 3rd, 4th and Josephine (3,200 Ft) - 800 Ft each Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Traffic Control				
Shared Street Markings	Ft	\$8	3,200	\$25,600
Shared Street Signage	Each	\$250	40	\$10,000
Primary Cost Drivers Subtotal				\$36,000
Contingencies (25%)				\$9,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$49,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$5,880
Construction Administration (10% of Construction Costs)				\$4,900
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$614
Summary of Probable Total Project Costs 2023				\$70,000

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Elizabeth Shared Street Add Removable Bollards, markings and signage (800 Ft) Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Traffic Control				
Shared Street Markings	Ft	\$8	800	\$6,400
Shared Street Signage	Each	\$250	10	\$2,500
Misc.				
Removable Bollards	Each	\$750	40	\$30,000
Primary Cost Drivers Subtotal				\$39,000
Contingencies (25%)				\$10,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$53,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$6,360
Construction Administration (10% of Construction Costs)				\$5,300
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$665
Summary of Probable Total Project Costs 2023				\$70,000

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5th Street Shared Street Add Removable Bollards, markings and signage (800 Ft) Preliminary Estimate of Probable Cost (12/2023)				
Items	Unit	Unit Cost \$ (2023)	Quantity	Total \$
General Construction Costs				
Primary Cost Drivers				
Traffic Control				
Shared Street Markings	Ft	\$8	800	\$6,400
Shared Street Signage	Each	\$250	10	\$2,500
Misc.				
Removable Bollards	Each	\$750	40	\$30,000
Primary Cost Drivers Subtotal				\$39,000
Contingencies (25%)				\$10,000
Mobilization				\$4,000
Summary of Probable Total Construction Costs 2023				\$53,000
Professional Services				
Engineering & Survey Costs (12% of Total Construction)				\$6,360
Construction Administration (10% of Construction Costs)				\$5,300
Inflation - 5.7% (Assuming July 2026 as Construction Mid-Point)				\$665
Summary of Probable Total Project Costs 2023				\$70,000

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