



# WALKABLE NOVI COMMITTEE

## AGENDA

August 15 2019 at 6:00 p.m.

Novi Civic Center

Mayors Conference Room

45175 W. Ten Mile, Novi, MI 48375

(248) 347-0475

**Members:** Brent Ferrel, Supriya Joshi, Dave Staudt, Julie Maday and Andrew Mutch

**Staff Support:** Sri Komaragiri, Planner, Community Development  
Barbara McBeth, City Planner, Community Development  
Madeleine Kopko, Planning Assistant, Community Development  
Jeff Muck, Director of Parks, Recreation and Cultural Services  
Kate Richardson, Plan Review Engineer  
Rebecca Runkel, Staff Engineer

### ROLL CALL

### APPROVAL OF AGENDA

### AUDIENCE PARTICIPATION

### MATTERS FOR DISCUSSION

- a. 2019-20 Annual Non-Motorized Prioritization Update
- b. 07-11-19 Walkable Novi Committee Meeting Minutes

### STAFF UPDATES

1. Planning Update
  - a. Chase Farms Park and Trails
2. Engineering Update
  - a. Active Non-Motorized Project Portfolio for Engineering Division
3. Parks, Recreation and Cultural Service Update

### COMMUNICATIONS

### ADJOURN



**City of Novi**  
**Annual Non-Motorized**  
**Prioritization**  
**2019-20 Update**  
**DRAFT**

A Working Document for  
Capital Improvement Plan (CIP) Planning

**August 15, 2019**

# ACKNOWLEDGEMENTS

## Walkable Novi Committee

### Council Members

Andrew Mutch, Chair  
David Staudt

### Planning Commission Environmental Committee Members

Brent Ferrel  
Julie Maday

### Parks, Recreation & Cultural Services Commission Members

Supriya Joshi

## For More Information Contact Support Staff

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Attachment A: Summary of Updates to the Pathway and Sidewalk Prioritization Worksheet		
Attachment B: Summary of Future Segment by Section		
Attachment C: Engineering Memo on Segments Connecting To ITC Trail		

The City of Novi has had a long standing interest in providing an interconnected and comprehensive system of pathways, sidewalks and trails to connect neighborhoods with destinations throughout the City and region. To help ensure that non-motorized improvements are implemented in a logical and beneficial manner, the City of Novi Pathway and Sidewalk Prioritization Analysis and Process (PSPAP) was approved by City Council on November 13, 2006. Since then, staff has been continually updating the process as needed to accommodate development trends and public demand. Changes have been made to Tier and Tier Categories as needed with each update. Refer to Chapter 3 for more details.

Potential sidewalk and pathway segments that need to be constructed were identified and placed into the "Pathway and Sidewalk Prioritization Worksheet." All segments were reviewed against the criteria assigned to each Tier 1 category. Tier 1 criterion measures the potential service benefits to the citizens of Novi. The Top 20 segments receiving the most points were identified for further review. The 20 segments receiving the most Tier 1 points were next reviewed against the Tier 2 criteria. Tier 2 criterion evaluates financial considerations of completing each segment.

Since pathway, sidewalk, destination, accident and traffic volume data continues to change, the annual process includes the update of the segment data annually to ensure that the pathway and sidewalk segment ranking continues to highlight the segments that will provide a high level of serviceability and cost effectiveness to the residents of Novi. In addition to ranking pathway and sidewalk segments, the process also includes recommendations for the installation of regional/recreational trails, proposed street crossings, and neighborhood connector routes.

The Annual Non-Motorized Prioritization is typically updated each fall. From this year, the schedule for 2019-20 Annual Non-motorized prioritization update has been pushed forward to align with the City draft budget schedule. Data collected is current through July 1, 2019. Each year, the Community Development Department's Planning and Engineering Staff updates the prioritization analysis and process worksheets and maps for review and approval by the Walkable Novi Committee.

On August 15, 2019, the Walkable Novi Committee members present will review the Annual Non-Motorized Prioritization: 2019-2020 Update and if acceptable will recommend forwarding it to the City's Capital Improvement Committee. The committee will then use this document to help identify future segments and non-motorized improvements to be constructed as additional funding becomes available.

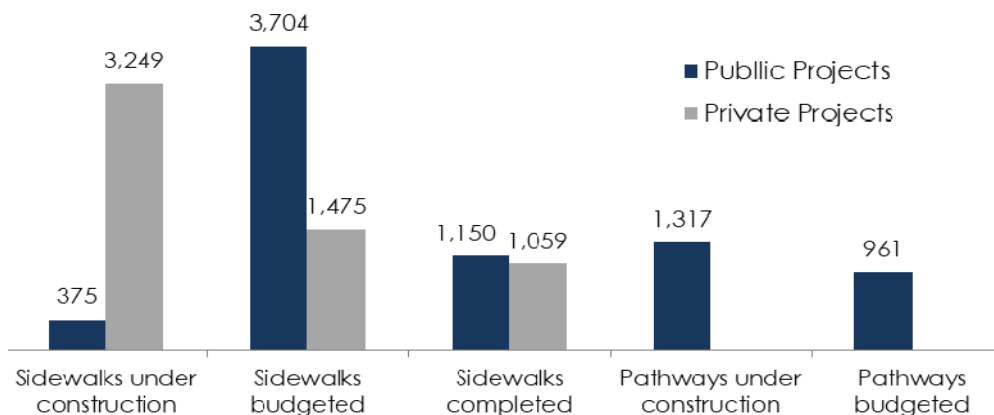
## Chapter 2: COMPLETED NON- MOTORIZED IMPROVEMENTS

All potential sidewalk and pathway segments that need to be constructed are placed into the “Pathway and Sidewalk Prioritization Worksheet”. Each year, all segments that are either complete as on July 1, 2019 or under construction for year 2019-20 are identified and removed from the spreadsheet prior to ranking. Segments that have been assigned budget for design and construction are also identified with this year's update. Those are removed from the Prioritization spreadsheet to allow opportunity for other segments to move up. During next year's update, if the funding source is not longer valid, these segments will be added back to the spreadsheet.

All sidewalk segments that are either scheduled for construction, or are under construction or are approved as part of site plan are identified. Site plans which are at the final stamping set approval phase are selected for this list. These segments are removed from the master list that is rated for rankings. As noted in the 2018-19 year, the City of Novi accounted for a total of 7,507 feet of sidewalks and private developments account for a total of 5,783 feet.

In Table 2.1, segments noted with an asterisk (\*) were originally identified to be completed this year during last year's update. They did not count towards completed segments at that time. However, the construction was not started as planned. These are now identified as scheduled for 2019-20 construction, construction expected to start this fall. City started construction of about 9,989 feet of ITC Trail from Nine Mile to Eleven Mile Road last year, which is still under construction to be completed this year. It was counted towards completed segments in last year's update.

Since the inception of this process, the City alone has built approximately 20 miles of non-motorized network. This does not include the construction by Private Developers. A total of 37.5 miles are to be built to achieve a complete non-motorized connectivity within the City. As of 2019, the City's existing non-motorized network includes about 32 miles of major pathways, 10 miles multi-use pathways and 50 miles of sidewalks along Major roadways.



**Figure 2.1: 2018-2019 Non-Motorized Improvements Current Update**

**TABLE 2.1: 2018-19 Non-Motorized Improvements: Completed or under construction or budgeted (at time of report)**

Segment Item #	Section #	Type	Side of Street/ Other	Location	From	To	Length (ft.)	Notes
<b>City Projects</b>								
39*	17	S	West	<b>Beck Road</b>	City Project		363	Budgeted
43*	18	S	West	<b>Wixom Road</b>	City Project		644	Budgeted
45	18	S	South	<b>Twelve Mile Road</b>	Northwest Neighborhood Park (Parks project)		332	Budgeted
52c (part)	20	S	South	<b>Eleven Mile</b>	Bosco Park (City Project)		375	Under Construction
53*	20	S	West	<b>Beck Road</b>	Bosco Park (City Project)		1150	Completed
102b (part)	30	P	North	<b>Nine Mile</b>	ITC Parthway		487	Under Construction
98b	30	P	North	<b>Nine Mile</b>	ITC Parthway		830	Under Construction
120A*	36	S	West	<b>Haggerty</b>	City Project (Eight Mile to Orchard Hill)		1390	Budgeted
120B*	36	S	West	<b>Haggerty</b>	City Project (Orchard Hill to High Point)		375	Budgeted
120c*	36	S	West	<b>Haggerty</b>	City Project (High Point to Nine Mile)		600	Budgeted
32b **	15	S	west	<b>Novi Rd.</b>	I-96 south side		723	Tentative
33 **	15	S	west	<b>Novi Rd.</b>	Crescent		840	Tentative
70	23	P	West	<b>Meadowbrook</b>	City Project (between Grand River and Eleven Mile)		961	Budgeted
<b>2018-19 City of Novi Total (excludes tentative)</b>							<b>7,507</b>	
<b>Private Development Projects</b>								
1a (part)	1	S	South	<b>Fourteen Mile</b>	Berkshire E-Supply		637	Under Construction
2a (part)	1	S	West	<b>Haggerty</b>	Berkshire E-Supply		808	Under Construction
1a (part)	1	S	South	<b>Fourteen Mile</b>	Speedway		134	Budgeted
2a (part)	1	S	West	<b>Haggerty</b>	Speedway		111	Budgeted
18a (part)	11	S	north	<b>Twelve Mile</b>	Novi Senior Living		322	Under Construction
20	12	S	West	<b>Haggerty Road</b>	Hillside Office Park		451	Under Construction
62	22	S	North	<b>Ten Mile</b>	Emerson Park off-site boardwalk		383	Budgeted
68	23	S	South	<b>Grand River</b>	Jaguar		345	Budgeted
77 (part)	24	S	West	<b>Haggerty Road</b>	Regency Lot 7		1031	Under Construction
88 (part)	26	S	North	<b>Nine Mile</b>	Woodbridge Park		502	Budgeted
99b	29	S	South	<b>Ten Mile</b>	Valencia Estates		1059	Completed
<b>2018-19 Development Total</b>							<b>5,783</b>	

\* Segments noted budgeted for 2018-19 construction in last years update.

\*\* Segments that are under planning phase. Budget is subject to City Council's approval.



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Segment 99b: Sidewalks built by Private Developers along Ten Mile Road



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Existing sidewalk widened to 6 feet as part of Private Development along Novi Road

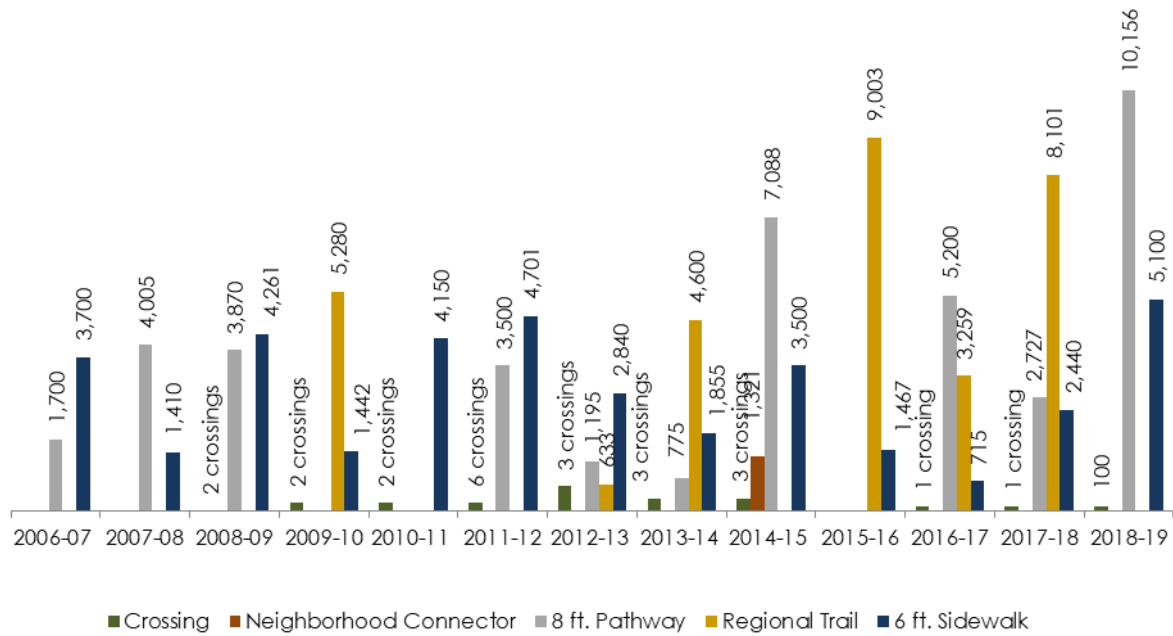


**TABLE 2.2: Previous Years Completed Non-Motorized Improvements (CITY BUILT)**

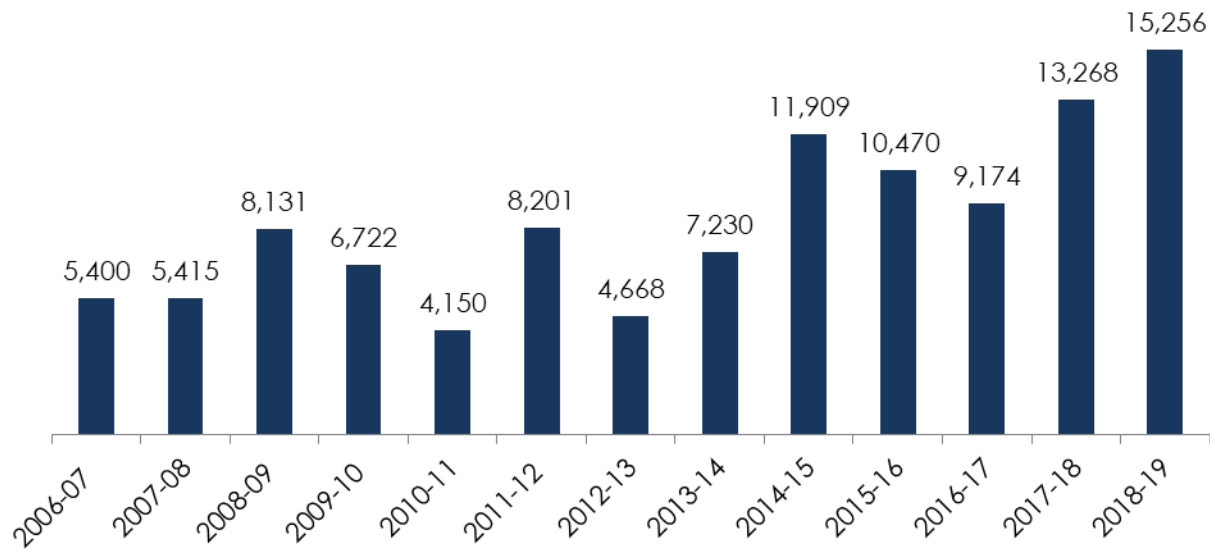
Segment Item #	Section #	Type	Side of Street/ Other	Location	From	To	Segment Length (ft.)
<sup>1</sup> Segments completed by the City of Novi only, not including developer completed segments Legend S= 6 ft. sidewalk P= 8 ft. pathway C=crossing RT=regional/recreational trail							
<b>2017-18 Completed Non-Motorized Improvements</b>							
9a	4	S	South	<b>Pontiac Trail</b>	Wedgewood	West Park	2,438
9B	4	S	South	<b>Pontiac Trail</b>	Beck Road	Wedgewood	2,662
Part 67	23	P	south	Grand River	Fountain Park	Huntley Manor	167
4004	20, 29	p		<b>ITC Corridor Trail Phase 2</b>	Nine Mile	Eleven Mile	9,989
5038	4	Cross		<b>Pontiac Trail</b>	Mid-Block Crossing and Geisler School		
N/A	15, 16, 21, 22	Bike Lane	Both	<b>Taft</b>	Ten Mile Road	Grand river	
N/A	N/A	B	<b>Boardwalk Repairs and Reconstruction</b>			Citywide	
<b>Total</b>							<b>15,256</b>
<b>2016-17 Completed Non-Motorized Improvements</b>							
5037	21, 22	Mid bloc		<b>Taft Road</b>	between south of Jacob/Taft Knolls		
4064	31	PR	ITC Sports Center		ITC to Eight Mile		3259
5	3	S	South	<b>Fourteen Mile</b>	Beach Walk	East Lake Drive	535
10	4	S	east	<b>Beck</b>	K&S Plaza		180
105 Part	31	P	North	<b>Eight Mile</b>	Garfield	Napier	5200
<b>Total</b>							<b>9,174</b>
<b>2015-16 Completed Non-Motorized Improvements</b>							
129	1	S	South	<b>Fourteen Mile</b>	Haverhill Farms	Maples of Novi	600
1b	1	S	South	<b>Fourteen Mile</b>	M-5	Haverhill Farms	867
4013	17	RT	N/A	<b>Medilodge Providence</b>	Medilodge	Beck	3,203
4003	31	RT	N/A	<b>ITC Corridor</b>	N. of ITC Sports Center Park	Garfield	5,800
<b>Total</b>							<b>10,470</b>
<b>2014-15 Completed Non-Motorized Improvements</b>							
109	32	P	north	<b>Eight Mile</b>	Garfield	Beck	2,888
27	14	P	north	<b>Eleven Mile</b>	Pinnacle	Town Center	3,500
89	26	P	east	<b>Novi Rd.</b>	Ten Mile	Ice Arena	500
76	24	P	north	<b>Grand River</b>	Seeley	Haggerty	200
69	23	S	south	<b>Eleven Mile</b>	Town Center	Meadowbrook	3,500
5016	28	C			Beck & White Pines/Cheltenham		
5033	2	C			Meadowbrook & Bridge St		
5065	2	C			Twelve Mile & Meadowbrook north		
4036	2	NBD	<b>Hickory Woods</b>	Novi Road		East Lake	1,025

9079	2	NBD	New Ct	East Lake	School		296	
							<b>Total</b>	<b>11,909</b>
<b>2013-14 Completed Non-Motorized Improvements</b>								
16	11	P	south	Thirteen Mile	Sunshine	Holmes		275
12 part	9	S	north	Twelve Mile	West Park	Liberty Park		335
24	13	S	east	Meadowbrook	Bridge	Eleven Mile		700
73	24	S	east	Meadowbrook	Eleven Mile	Grand River		600
4342	13	RT	regional	Meadowbrook	Twelve Mile	Meadowbrook Business Park		2,240
4349	13	RT	regional	Meadowbrook	Metro trail	Meadowbrook Park		1,560
4350	13	RT	regional	Meadowbrook	Meadowbrook Park frontage			800
5154	0	C		Nine & Haggerty		NW to NE		crossing
5009		C			Haggerty and Villagewood			crossing
5054	3	C		Wixom & Glenwood or Deerfield	mid-block crossing and signal project			crossing
89	26	P	east	Novi Rd	Ten Mile	Ice Arena		500
145	23	S	north	Ten Mile	Supplier Investment Co	RR		220
							<b>Total</b>	<b>7,230</b>
<b>2012-13 Completed Non-Motorized Improvements</b>								
92	27	S	west	Novi Rd.	Ten Mile	Nine Mile		2,135
36	16	P	west	Taft	Eleven Mile	Andes		495
144	23	P	west	Meadowbrook	Grand River	Cherry Hill		700
145 part	23	S	north	Ten Mile	Catherine Ind. Park	RR		705
4019	25	RT	regional	Brookfarm Park	Ripple Creek	Village Oaks Elem		633
5004		C			Nine Mile and Heatherbrae			
5007	24	C	mid-block	Grand River	Seeley	Joseph		crossing
5014	21	C	bike signs	Beck	Cidermill			crossing
5034	31	C	mid-block	Eight Mile	Community Sports Park	N to S		crossing
5035	31	C	mid-block	Eight Mile	Garfield	N to S		crossing
5143	32	C	crosswalks & signals	Beck	Eight Mile			crossing
							<b>Total</b>	<b>4,668</b>
<b>2011-12 Completed Non-Motorized Improvements</b>								
145b	23	S	north	Ten Mile	RR	Brookhaven		225
65	23	P	east	Novi Rd.	Grand River	Ten Mile		3,500
61	22	S	west	Novi Rd.	Cemetery	Pine Ridge Center		3,600
32c	15	S	west	Novi Rd.	West Oaks	N side I-96		876
5007	24	C	striping & signs	Grand River	Seeley	Joseph		crossing
5043	36	C	mid-block	Nine Mile	Sunrise			crossing
							<b>Total</b>	<b>8,201</b>
<b>2010-11 Completed Non-Motorized Improvements</b>								

83	25	S	north	<b>Nine Mile</b>	Meadowbrook	Haggerty	3,800
15	11	S	south	<b>Thirteen Mile</b>	Novi Rd.	Old Novi Rd.	350
5044	22	C			Novi at Post Office		crossing
146	11	C	west	<b>Old Novi</b>	South Lake	crossing	crossing
<b>Total</b>							<b>4,150</b>
<b>2009-10 Completed Non-Motorized Improvements</b>							
71	23	S	north	<b>Ten Mile</b>	Hampton Hill	Brookhaven	822
139	25	S	east	<b>Willowbrook</b>	Oaktree	Guilford	400
141	24	C	crossing	<b>Ten Mile</b>	Nilan	SW to NW	crossing
82C	25	S	west	<b>Haggerty</b>	Ten Mile	Dunkin Donuts	220
140	23	C	crossing	<b>Hampton Hill</b>	Ten Mile	NE to NW	crossing
123a	1	RT	regional	<b>M-5 Extension</b>	Fourteen Mile	Thirteen Mile	5,280
<b>Total</b>							<b>6,722</b>
<b>2008-09 Completed Non-Motorized Improvements</b>							
59	22	P	south	<b>Eleven Mile</b>	Taft	Cedar Spring Estates	1,300
125	15	S	west	<b>Clark</b>	Eleven Mile	Grand River	205
75 part	24	P	north	<b>Grand River</b>	Meadowbrook	Seeley	310
80A	24	S	north	<b>Ten Mile</b>	Meadowbrook	Haggerty	411
82A	25	S	west	<b>Haggerty</b>	Dunkin Doughnuts	Oak Ridge Place	1,180
60A	22	P	south	<b>Eleven Mile</b>	Clark	Cedar Spring Estates	300
136	21	S	west	<b>Bramblewood</b>	Cidermill	subdivision	210
63	22	S	north	<b>Ten Mile</b>	Wildcat	Taft	1,580
91	26	P	south	<b>Ten Mile</b>	Meadowbrook	Orchard Hills North	800
96	28	P	south	<b>Ten Mile</b>	Beck	Broadmoor Park	250
95	28	S	east	<b>Beck</b>	Ten Mile	Baker	300
	36	S	south	<b>Orchard Hills Place</b>	Haggerty	west	375
54, 55 part	20, 29	P	all	<b>Ten &amp; Beck legs</b>			910
<b>Total</b>							<b>8,131</b>
<b>2007-08 Completed Non-Motorized Improvements</b>							
57	21	S	north	<b>Ten Mile</b>	Roma ridge	Homestead	770
85	26	P	west	<b>Meadowbrook</b>	Ten Mile	Mallot	1,050
86	26	P	west	<b>Meadowbrook</b>	Chattman	Nine Mile	2,025
94	28	S	north	<b>Nine Mile</b>	Taft	Beck	640
117	35	P	west	<b>Meadowbrook</b>	Mission Pines	Mirabella Estates	450
118	35	P	west	<b>Meadowbrook</b>	Mirabella Estates	Eight Mile	480
<b>Total</b>							<b>5,415</b>
<b>2006-07 Completed Non-Motorized Improvements</b>							
42	17	S	north	<b>Eleven Mile</b>	Novi Middle School	Beck	3,700
56	21	P	south	<b>Eleven Mile</b>	Beck	Taft	1,700
<b>Total</b>							<b>5,400</b>



**Figure 2.2: 2006 – 2019- Completed Non-Motorized Improvements by City of Novi by Type in ft**  
*(Segments completed by the City of Novi only, not including developer completed segments)*



**Figure 2.3: 2006-2019 Completed Non-Motorized Improvements by City of Novi in ft**  
*(Segments completed by the City of Novi only, not including developer completed segments)*

**MAINTAINENCE**

Once the non-motorized improvements are constructed, there's a 25 year lifecycle for concrete sidewalk, 20 year asphalt pathway and 15 year lifecycle of boardwalks. These improvements primarily depend on the extent of usage and regular maintenance. The Department of Public Services assigns 20,000 - 40,000 dollars annually out of the local road fund to maintain sidewalks and pathways. In addition, they receive another 10,000 dollars for boardwalk maintenance out of the City's general fund to maintain boardwalks throughout the City. Table 3.4 lists the typical cost estimate for installation, removal and maintenance for various types of non-motorized improvements. The cost may differ with other challenges that we encounter during our or contractor inspections.

**Table 2.3: Sidewalk/Pathway and Boardwalk Maintenance Estimate**

	Installation	Removal	Annual Maintenance
<b>6 feet concrete Sidewalk</b>	\$ 80 per ft.	\$ 25 per ft.	\$0.32 per feet ( 131811 ft pathways and 4836 ft sidewalk - \$44000 budget)
<b>10 foot asphalt pathway</b>	\$ 180 per ft.	\$ 25 per ft.	
<b>Wooden boardwalk</b>	\$ 800 per ft.	\$ 50 per ft.	\$1.90 per ft. (1 mile of boardwalk - \$10000 budget)
<b>Composite boardwalk</b>	\$1,200 per ft.	\$ 40 per ft.	Yearly Budget

Maintenance of Sidewalk/Pathway infrastructures are inspected on a yearly basis, with inspections to include.

1. Cracks in concrete/asphalt due to extreme temperature differences, tree roots and damage done by maintenance equipment in winter.
2. Frost heaving leading to discontinuity of sidewalk.
3. Poor concrete mixes.
4. Overhanging vegetation and encroachment.

Maintenance of boardwalks infrastructures are inspected biannually, with inspection to include.

1. Replacing rotting or weather checked side rails, landings, decking, balusters, posts and handrails.
2. Removing overhanging vegetation and clearing the boardwalks of Phragmites (which is an invasive species) by yearly spraying.
3. Installation of two transition plates on each end to abate tripping hazards, if necessary. Transition plates are a temporary fix to a developing problem.

**BOARDWALKS**

The City of Novi has a considerable amount of regulated wetlands throughout the City. One of our Master Plan goals is to protect and maintain the City's woodlands, wetlands, water features and open space. Our ordinance encourages minimal to no impact to regulated features. Thus, boardwalks play a major role in maintaining the pedestrian connectivity through the regulated wetlands. We have a total of thirty four boardwalks through the City as listed in Table 2.4. Of them, three numbers 4, 9, 34 are not connecting sidewalks one side, and two boardwalks #35 and #27 sidewalks ends. It costs about 27 - 35 dollars per square foot to install a linear foot of boardwalk (including handrails with footing/ pier supports priced separately). Helical piers are in the range of 800

- 1,200 dollars each including support brackets, and are based on a maximum depth of 15'. It costs about 70 – 90 dollars per square feet to remove and reinstall the boardwalk with new lumber and helical piers. The unit pricing is substantially dependent on the site conditions, construction methods, accessibility, and the total size/scope of the desired work.

As is evident from the estimates, removal is more expensive than installation. When a boardwalk does not connect to other pedestrian improvements, it leads to under usage of these structures and may result in removal. In some cases, we have closed access to certain boardwalks from public use to avoid further deterioration. Staff will pay much closer attention to segments, whose completion would serve the purpose of existing boardwalks and avoid expensive removals. City Engineering staff is currently working on researching alternate materials such as composites on handrails, alternatives to balusters, installation techniques using Helical piers and adjustable pilings for boardwalk construction, other than wood to minimize the frequency of maintenance and cost of construction. CIP budget for 2018-24 has assigned an amount \$50,000 for boardwalk extension, repairs and replacement program. Staff has accordingly planned for scheduled repair and maintenance as noted in the table below.



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**Longest Boardwalk in Novi, approximately 1,975 feet long (nearly four tenths of a mile)**

**TABLE 2.4: Existing Boardwalks Inventory**

Secti on No.	Asset ID	#	Location	Street Name	Width	Length in feet (Approx)	Adjac ent Future Segm ent	Status (as of 5/10/19)
27	BKS-10008	3	S side 10 W Whitehall Senior Center	10 Mile	8	510	0	The deck and rail were removed and replaced. The superstructure was reinforced.
22	BKS-10009	4	N of 10 Mile W of Novi	10 Mile	8	158	62	The deck and rail were removed and replaced to meet the new standards.
22	BKS-10019	5	N of 10 Mile E of Church Hill Blvd	10 Mile	8	64	0	The sidewalk approaches were removed and replaced on each end.
26	BKS-010034	22	Ten Mile West of Quince Dr	10 Mile	8	311	0	Replaced 1 deck board and 3 balusters.
26	BKS-010035	21	Ten Mile East of Pheasant Run	10 Mile	8	231	0	Replaced 3 Balusters.
17	BKS-10004	6	North of 11 Mile West of Beck	11 Mile	8	240	0	Replaced deck rails .
17	BKS-010023	23	North of 11 Mile East of Wixom (ITC Corridor West of Medilodge)	11 Mile	10	63	0	Replaced all side rails and top rails.
17	BKS-010026	24	North of 11 Mile East of Wixom (ITC Corridor West of Medilodge)	11 Mile	14	43	0	Replaced 1 deck board and 3 balusters & all side rails and top rails.
18	BKS-010036	31	12 Mile West of Wixom Rd (Catholic Central)	12 Mile Rd	8	218	0	Nothing needed as of study by AECOM.
35	BKS-10011	1	S of 9 Mile E of Roethel Dr	9 Mile	8	53	0	Replaced deck, repaired SE pier, installed rip-rap and all side rails.
35	BKS-10012	2	S of 9 Mile at Fire Station #5	9 Mile	8	205	0	Replaced 164 sq.ft Deck & 50 Lf top rail.
20	BKS-10007	10	West side Beck North of Cider Mill	Beck Rd	8	438	0	150 ft of boardwalk was removed and replaced. New helicals in this section.
29	BKS-10013	11	West of Beck North of 9 Mile	Beck Rd	8	430	0	20 feet of the boardwalk was removed and replaced. New Helicals installed in the 20 ft section.
32	BKS-10014	20	West side of Beck South of Bellagio	Beck Rd	8	218	0	New helicals and full replacement. Tied into the newer section on the south end.
16	BKS-10015	9	Beck Rd South of Central Park	Beck Rd	8	164	38	No work.

16	BKS-10016	8	Beck Rd South of Vision Spa	Beck Rd	8	223	0	The southern 90 ft was removed and replaced with new helicals in the 90 ft section.
32	BKS-010038	34	Beck South of 9 Mile	Beck Rd	8	40	110b, 112	NA
31	BKS-010037	35	ITC Trail West of Garfield	Garfield	14	531	0	Replaced 20 sq. ft. deck boards.
6	BKS-10017	18	North of Grand River E of Beck	Grand River	8	123	0	Replaced 16 sq.ft. deck & 3 balusters.
24	BKS-10002	12	E of Meadowbrook S of Vincenti Ct	Meadowbrook	8	132	0	NA
26	BKS-10010	13	W Meadowbrook N Penton Rise Ct	Meadowbrook	8	30	0	Installed composite top rail and replaced all side rails.
11	BKS-010024	7	West side of Meadowbrook N of 12	Meadowbrook	8	331	0	Replaced 260 sq. Ft. & 150 Lf. Of support beams.
19	BKS-010027	33	East Side of Napier South of Seaglen Dr	Napier Rd	8	220	0	Full removal and replacement.
18	BKS-010028	27	East Side of Napier South of Novi Meadows Blvd	Napier Rd	8	88	44	Replaced 712 sq.ft. deck boards & 178 LF, top rail.
19	BKS-010030	32	Napier West of Denali Ct	Napier Rd	10	45	0	Temp install
19	BKS-010032	29	Ten Mile East of Napier	Napier Rd	8	51	0	Temp install
19	BKS-010033	30	Ten Mile West of Denali Ct	Napier Rd	8	50	0	Temp install
10	BKS-10000	15	West of Novi South of 12 1/2 Mile	Novi Rd	8	504	0	The bottom rail board was removed and replaced.
10	BKS-10001	14	West of Novi North of 12 Mile	Novi Rd	8	423	0	The bottom rail board was removed and replaced. New deck boards installed.
27	BKS-010025	25	West of Novi SW of Lidstrom	Novi Rd	8	33	0	Added rip rap for soil erosion control.
2	BKS-010029	28	Fishing Pier at Pavilion Shore Park	Pavilion Shore Park	10	113	0	NA
16	BKS-10020	19	West of Taft South of Andes Ct	Taft Rd	8	237	0	Replaced deck screws.
18	BKS-10005	16	West of Wixom next to Lift Station	Wixom Rd	8	72	0	No work was completed.
18	BKS-10006	17	West of Wixom South of Island Lake	Wixom Rd	8	258	0	Full remove and replace.
18	BKS-10018	TBD	E of Napier S of Knightsbridge	Napier Rd	8	597	44	Removed in late 2017.
18	BKS-10021	TBD	E of Napier N of Knightsbridge	Napier Rd	8	59	0	NA
19	BKS-010031	26	Napier North of 10 Mile	Napier Rd	10	286	0	Removed for roundabout (2017).
27	BKS-010042	36	PD Stairway	Civic Center	10	25	0	NA
<b>Total Linear feet of existing boardwalk</b>						<b>7,817</b>		





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West side of Beck South of Bellagio: New helicals and full replacement

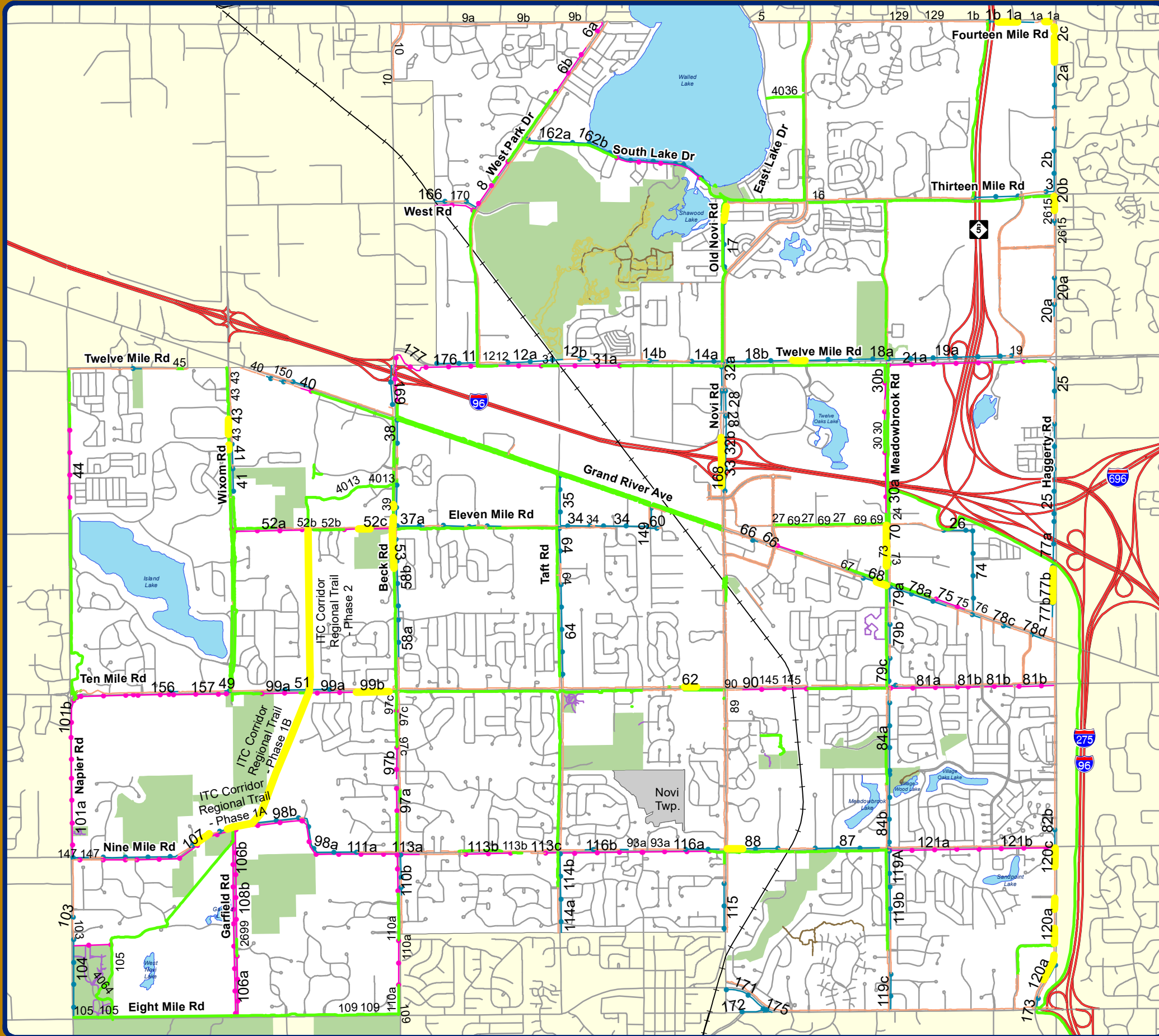


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ITC Trail and Boardwalk

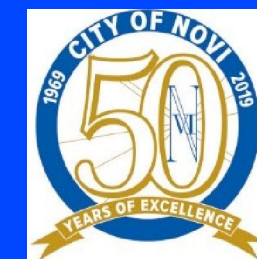
**MAP 1**  
**2018-2019 Completed Non-Motorized Improvements**

# Map 1: 2018-2019 Completed Non-Motorized Improvements



## Annual Non-Motorized Prioritization: 2018-2019 Update

- Completed or Under Construction Segments
- Existing Sidewalks**
  - Existing Sidewalk
  - Existing Pathway
- Future Sidewalks**
  - Proposed Pathway
  - Proposed Sidewalk
- Existing Off Road Paths & Trails**
  - Paved Path
  - Unpaved Trail
  - Mountain Biking Trail
  - + Railroads Adjoining Novi



### City of Novi

Dept. of Community Development  
City Hall / Civic Center  
45175 W Ten Mile Rd  
Novi, MI 48375  
cityofnovi.org

Map Author: Jon Gartha  
Date: July 29, 2019  
Project: 2019 Non-Motorized Update  
Version #: 1.1



Miles  
1 inch = 0.66 miles

#### MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.



## Chapter 3: 2019-20 TOP 20 PRIORITY PATHWAY AND SIDEWALK SEGMENTS

The City's Pathway and Sidewalk Prioritization Analysis and Process approved by City Council on November 13, 2006, includes a provision for the annual updating of the Analysis and Process. As part of the 2013-2014 update the process has been renamed the Annual Non-Motorized Prioritization: 2014-2015 Update to better reflect the content and recommendations of the document. The Annual Non-Motorized Prioritization is typically updated each fall. From this year, schedule for 2019-20 Annual Non-motorized prioritization update has been pushed forward to align with the City draft budget schedule. Data collected is current through July 1, 2019. Each year, the Community Development Department's Planning and Engineering Staff updates the prioritization analysis and process worksheets and maps for review and approval by the Walkable Novi Committee.

Each year, all pathway and sidewalk segments that are proposed adjacent to roads in Novi are reviewed against a set of [Tier 1 criteria](#) and assigned points based on the segment's potential service benefits to the citizens of the City. See Table 4.3 in chapter 4 for more details. The segments are ranked by their Tier 1 points and the top 20 priority segments are then reviewed against a second set of [Tier 2 criteria](#) and assigned points based on [financial and other feasibility considerations](#). See Table 4.3 in chapter 4 for more details. Additional Tier 2 ranking is done to give priority to segments that provide more economical value to the City.

Due to intrinsic nature of planning, it is necessary to evaluate the policies as new challenges and questions arise. Revisions are made with each update to address current challenges and future goals. The revisions with each update are summarized below.

**2015-16 UPDATE:** As part of 2015-16 update, staff reviewed the prioritization criteria from various communities to identify additional criteria with 2015-16 update. changes to Tier 1 and 2 Categories have been made and segments ½ mile to 1 mile long are further broken down to smaller lengths.

**2017-18 UPDATE:** Information about sidewalk maintenance and boardwalks is added to the report. An inventory of existing boardwalks is added to the report. Any missing segments that are adjacent to existing boardwalks as noted.

**2018-19 UPDATE:** One of the 2017 City Council's goals is as follows: "Direct Walkable Novi Committee to identify critical sidewalk/pathway gaps for 2018 - 19 budgets with focus on connections to new ITC trail segments and completing major corridors (including CIP millage funding up to \$1.5 million)." Points were raised for connection to regional trails and parks. In addition, segments which are over a mile long are split into smaller segments and number of facilities within a certain mile from segment is counted based on the approximate distance along sidewalk, but not as within a certain radius. Smaller segments which are closer have been combined into one.

**2019-20 CURRENT UPDATE:** The ratings for 'Segment Completion' item under Tier 1 category are increased. The rest of the ratings remain unchanged. There is no significant difference in rankings due to change to 'Segment Completion' category. Four new segments made it to Top 20. The rest of the segments are carried over from last year. Attachment A provides a summary of changes made to the master list. Changes include, removal of sidewalks as noted in item 1, splitting sidewalks as noted in the table and identifying sidewalks that include a highway crossing or a railroad crossing. Attachment A also includes a map that demonstrates the length of sidewalk to be built per each section to achieve a complete non-motorized section.

**TABLE 3.1: Tier and Tier 2 Categories**

*All proposed adjacent to road pathway & sidewalk segments are reviewed against a set of Tier 1 criteria & assigned points based on the segment's potential service benefits to the citizens of the City, the segments are ranked by the Tier 1 points & the segments receiving the top 20 points are assigned Tier 2 points*

TIER 1 CATEGORIES			
1	<p><b>BICYCLE &amp; PED. ACCIDENTS</b>            (intersection accidents only included when sidewalk or pathway connection is missing, 1/98 to 9/13)            5 = 1 accident; 10 = 2 accidents; 15 = 3 accidents            20 = 4 or more accidents</p>		
	<p><b>TRAFFIC SAFETY</b>            Each segment is given a weightage based on the Counts. The values are then multiplied by a multiplier based on respective speed limits to get the final rating</p>		
2	<p><b>TRAFFIC COUNTS</b>            (ADT) 2010 Non-Motorized MP            0 = &lt;10K ADT            5 = 10K-20K ADT            10 = &gt;20K ADT</p>	<p><b>TRAFFIC SPEED</b>            &lt; 30 mph = x 1            35-40 mph = x 1.2            &gt;=45 mph = x 1.5</p>	
	<p><b>ACCESS TO SCHOOLS</b></p> <p>All three categories are grouped into one to simplify and avoid double counts.</p> <p>Final rating would be based on number of schools with the same criteria. i.e. # elem &amp; intermediate schools w/in 1 mile and so on)</p>		
3	<p>4.5 = 1 school            9 = 2+ schools</p>		
	<p>(# elem &amp; intermediate schools w/in 1 mile )            4.5 = 1 school            9 = 2+ schools</p>	<p>(# middle &amp; high schools w/in 2 miles)            4.5 = 1 school            9 = 2+ schools</p>	<p>(# private schools over 100 students w/in 2 miles)            4.5 = 1 school            9 = 2+ schools</p>
4	<p><b>ACCESS TO PARKS</b>            (# w/in 1 mile)            6 = 1 park;            12 = 2+ parks</p>		

5 **ACCESS TO HOTELS**  
# shopping areas w/in 1 mile)  
2 = 1 Hotel;  
4 = 2+ Hotels

---

6 **ACCESS TO SHOPPING**  
(# shopping areas w/in 1 mile)  
3.5 = 1 shopping area; 7 = 2+ shopping areas

---

8 **ACCESS TO PLACES OF WORSHIP**  
(# places of worship w/in 1 mile)  
2= 1 places of worship;  
4 = 2+ places of worship

---

9 **CONNECTED TO NEIGHBORING SIDEWALK/ REGIONAL TRAIL SYSTEM**  
7 = connected to neighboring sidewalk system  
14 = connected to regional trail system

---

10 **POPULATION SERVED**  
0 = low density; 8 = medium density; 16 = high density

---

11 **SEGMENT COMPLETION**  
3.5 = 1/2 to 1 mile; 7 = over 1 mile

**Current Rating revised with this update**  
5 = 1/2 to 1 mile; 10 = 1 to 2 miles; 15 = over 2 miles

12 **CONSIDERABLE PUBLIC INTEREST**  
5 = top 15 survey responses, resident petitions & documented segments requested by groups & govt agencies

---

13 **NON-MOTORIZED MASTER PLAN**  
20 = initial investment  
15 = major corridor

---

**TIER 2 CATEGORIES** (only Top 20 Tier 1 segments receive tier 2 points)

---

1 **EASE OF CONSTRUCTION** (easy/hard)  
0 = hard; 8 = medium hard; 16 = easy

---

2 **RIGHT-OF-WAY AVAILABILITY**  
(based on % available)  
0 = 0%; 4.5 = 25%; 9 = 50%; 13.5 = 75%; 18 = 100%

---

3 **OTHER FUNDING SOURCES**  
(based on % available)  
0 = 0%; 4.5 = 25%; 9 = 50%; 18 = 80%+

---

4 **OPPOSITE SIDE SIDEWALK OR PATHWAY**  
(road < 12,000 ADT & 35 mph < existing or planned with higher priority ranking)  
-20 = complete section link ; -10 = one direction section link

---

**PRIVATE DEVELOPMENT POTENTIAL**

(Positive Points)

- 5 8 = little potential
- 4 = partial potential within 10 years
- 2 = dev potential within 10 years
- 0 = SP submitted

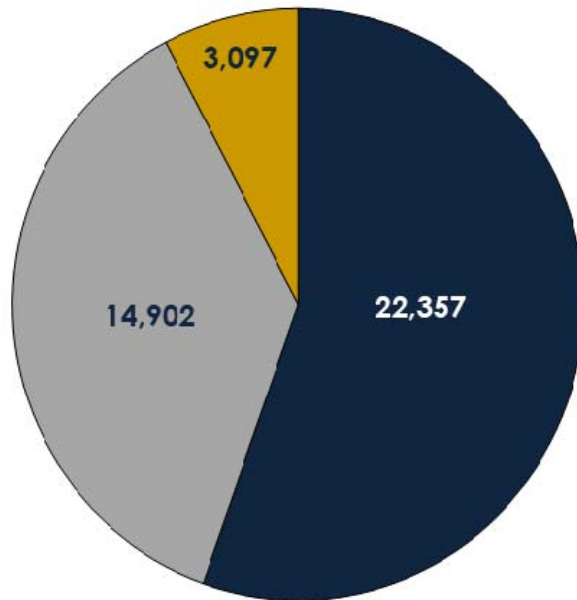
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**EVIDENCE OF EXTENSIVE PEDESTRIAN USE**

- 6 0 = No Evidence
- 10 = Worn Path

\* This a new category added based on previous discussions. Engineering department will perform site visits to identify if pedestrians are using the unbuilt paths.

---



■ 6 ft. wide Sidewalks    ■ 8 ft. to 10 ft. wide Pathways    ■ Deferred Segments

---

**Figure 3.1: Total Length of 2019-2020 Priority segments per Sidewalks and Pathways**  
*(Segments to be completed by the City of Novi only)*



## TOP 20 SEGMENTS

For 2019-20 the Top 20 Priority segments (excluding the deferred segments) result in about 7 miles (37,259 linear feet) of proposed pathways and sidewalks, excluding the deferred segments. All Top 20 are located south of Grand River Avenue and east of Beck Road. Seven segments are located along Ten Mile Road and Beck Road, whose construction is tied with road widening with timing unknown at this time. Sixteen segments out of the Top 20 are carried over from last year. The segments with ranks 1 and 19 are deferred until construction due previous City Council's actions. Two segments next in ranking are moved up in lieu of the deferred segments. Table 3.3. provides approximate cost estimates prepared by our City's Engineering Consultant Spalding DeDecker and other related information.

## ITC SEGMENTS:

At the July, 2019 Walkable Novi Committee meeting, the Committee discussed the draft Top 20 segments. While the segments are derived from a standard ranking system, Committee felt that additional priority should be given to certain segments that provide greater access to the ITC Trail system and City's Soccer Fields at Eleven Mile and Beck Road. Staff has identified four segments along Ten Mile, Twelve Mile and along Wixom Road, which will provide continued access along one side of the road for Sections 18 and 19. Engineering staff has put together a memo which is attached to this report. Memo notes that all four segments will be added to the 2020-2021 Engineering budgets.



---

**Under Construction: ITC Trail between Nine Mile Road and Ten Mile Road**



TABLE 3.2: 2018-19 Top 20 Priority Pathway and Sidewalk Segments including deferred segments

Overall Segment Rank	Segment Item #	Section #	Type	Side of Street	Location	From	To	# of Pieces in Segment	Segment Length (ft.) excluding Developer Planned & Completed pieces	Projected CIP Year
1	80b	24	S	north	Ten Mile	Meadowbrook	Willowbrook Estates	1	198	
2	81a	25	P	south	Ten Mile	Meadowbrook	Willowbrook	1	2,529	
3	18a	11	S	north	Twelve Mile	Twelve Oaks	Meadowbrook	2	2,613	
4	81b	25	P	south	Ten Mile	Willowbrook	Haggerty	3	2,634	
5	90	26	P	south	Ten Mile	Maly Dental	Novi Ridge Apartments	1	2,122	23-24
6	38	16	S	east	Beck	Grand River	Eleven Mile	1	2,234	23-24
7	99a	29	P	south	Ten Mile	Wixom	400' E of Lynwood	2	2,739	23-24
8	93b	27	S	north	Nine Mile	Plaisance	Taft	2	619	23-24
9	66	23	P	south	Grand River	Sixth Gate	Main Street	2	293	20-21
10	93a	27	S	north	Nine Mile	Novi Rd.	Plaisance	1	1,122	23-24
11	68	23	P	south	Grand River	Funeral Home	Meadowbrook	1	457	
12	58a	21	S	east	Beck	Ashley	Cider Mill	1	1,228	
12	58b	21	S	east	Beck	Cider Mill	Sierra	1	2,553	
14	84a	25	S	east	Meadowbrook	Ten Mile	Chattman	1	2,323	23-24
15	18b	11	S	north	Twelve Mile	Novi Rd.	Twelve Oaks	1	2,027	
15	84b	25	S	east	Meadowbrook	Nine Mile	Chattman	1	2,380	23-24
17	82b	25	S	west	Haggerty	Pavilion Ct Apartments	Nine Mile	1	539	
18	153	36	S	east	Haggerty	City limits	Taco Bell	1	501	
19	72	23	P	north	Grand River	Town Center	Amstaff building	1	677	
19	121a	36	P	south	Nine Mile	Meadowbrook	Sunrise	1	2,899	
21	64	22	S	east	Taft	Ten Mile	Eleven Mile	2	4,218	23-24
22	21a	13	P	south	Twelve Mile	Meadowbrook	Energy Way	2	3,451	

Legend S= 6 ft. sidewalk P= 8 ft. pathway

 Segments with pathways or sidewalks on most of the opposite side of the street - note that these segments may be critical for system connectivity & must be analyzed separately for connectivity

 Segments which involve a highway crossing or a railroad crossing

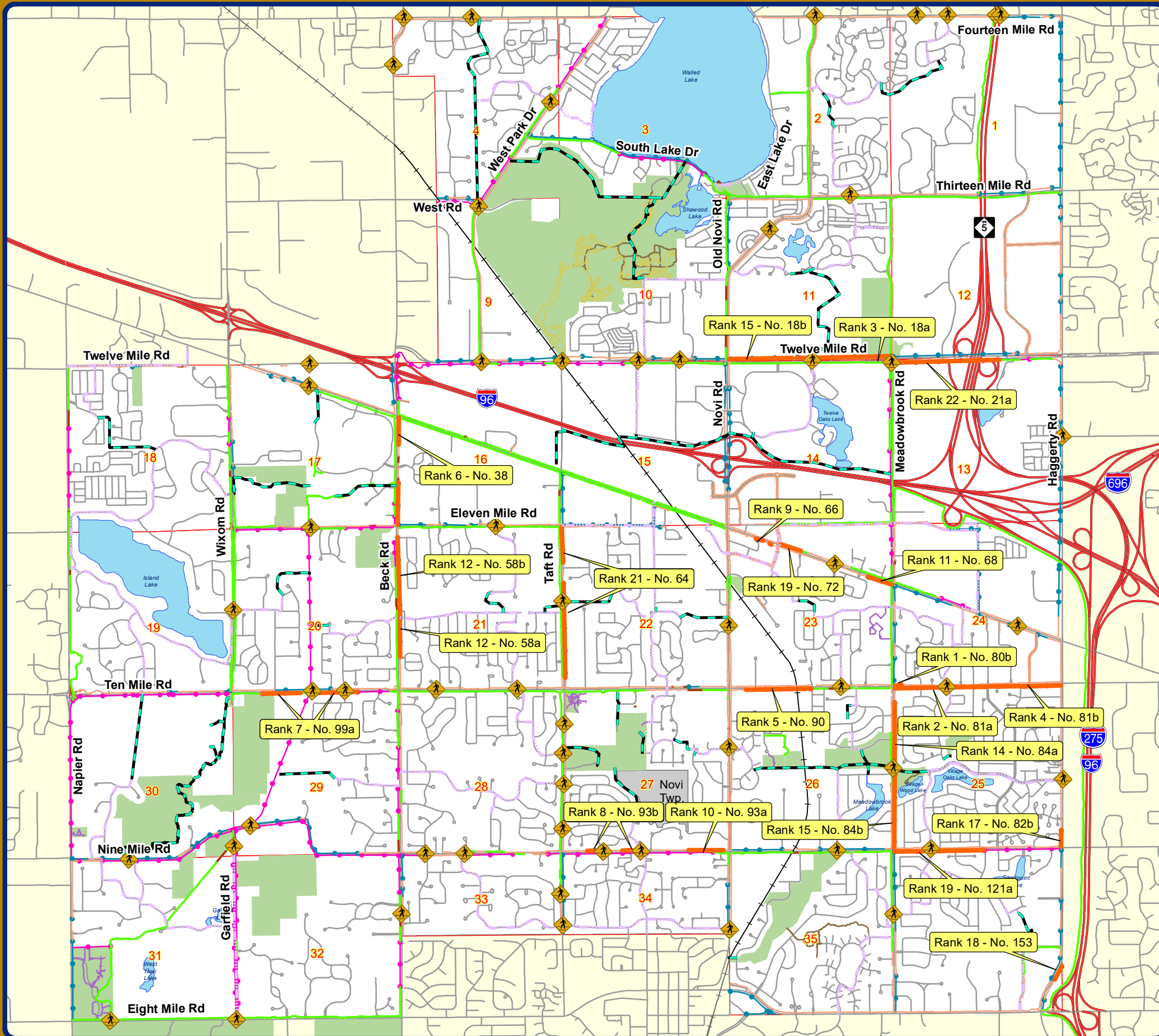
 Short Segments  CIP Budget Year  Segments included in last years Top 20  Deferred

**Table 3.3: Additional Notes for Top 20 Segments**

Overall Segment Rank	Segment Item #	Construction Estimate	Number of Easements to be acquired	Length in Feet	Notes
1	80b	\$619,514	2	198	Six foot sidewalk concrete sidewalk. Parking lot for three businesses would require easements. 10 Mile Corridor Study may delay construction.
2	81a	\$758,282	1	2,529	Eight foot wide asphalt pathway along south side of Ten Mile Rd. 10 Mile Corridor Study may delay construction.
3	18a	\$314,621	0	2,613	Six foot wide concrete sidewalk.
4	81b	\$771,311	4	2,634	Eight foot wide asphalt pathway along south side of Ten Mile Rd. 10 Mile Corridor Study may delay construction.
5	90	\$1,040,010	2	2,122	Eight foot wide asphalt pathway includes railroad crossing.
6	38	\$1,079,466	5	2,234	Six foot wide concrete sidewalk. Beck Road Widening may delay construction.
7	99a	\$1,064,140	9	2,739	Estimate is from Wixom to Valencia Estates.
8	93b	\$675,828	2	619	Six foot wide concrete sidewalk along north side of Nine Mile Rd. Construct with the Taft/9 Mile Roundabout.
9	66	\$117,001	0	293	Eight foot wide asphalt sidewalk along south side of Grand River Ave. To be constructed along with Development on Main Street.
10	93a	\$675,827	0	1,122	Six foot wide concrete pathway. Retaining wall required.
11	68	\$168,756	0	457	Eight foot wide pathway. Previously, it was 802 feet long. The Jaguar development at the corner of Grand River and
12	58a	SDA providing	0	1,228	Six foot wide concrete sidewalk. Beck Road Widening may delay construction.
12	58b	SDA providing	2	2,553	Six foot wide concrete sidewalk. Beck Road Widening may delay construction.
14	84a	\$1,306,470	0	2,323	Six foot wide concrete pathway. Estimate adjusted for inflation.
15	18b	\$310,100	1	2,027	Six foot wide concrete pathway. Estimate adjusted for inflation.
15	84b	\$1,345,664	0	2,380	Six foot wide sidewalk and about 700 feet of Boardwalk near Chattam. Steep ditches.
17	82b	SDA providing	1	539	Six foot wide concrete sidewalk. Dependent on gas pipeline relocation. Buckeye pipeline will need to work with us. Potential Development to construct this.
18	153	\$67,737	1	501	Six foot wide concrete sidewalk. Steep slopes.
19	72	SDA providing	0	677	Eight foot wide concrete sidewalk. Potential Asian Village development at this location.
19	121a	SDA providing	0	2,899	Eight foot wide pathway.
21	64	SDA providing	1	4,218	Six foot wide concrete sidewalk. The Preserve development proposed on parcels 50-22-22-100-026 & -027
22	21a	SDA providing	5	3,451	Eight foot wide pathway.

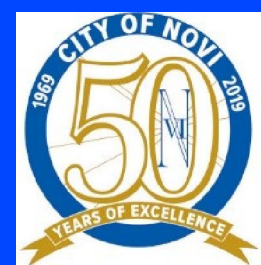
**MAP 2**  
**2019-20 Top 20 Priority Pathway and Sidewalk Segments**

# Map 3: Non-Motorized Plan 2019-2020 Update



## Annual Non-Motorized Prioritization: 2019-2020 Update

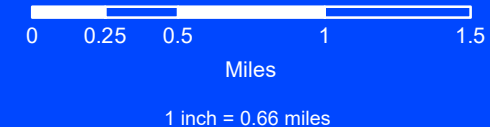
- Proposed Crossing Improvement
  - Proposed Paved Path
  - Proposed Unpaved Path
  - Proposed Neighborhood Connector Route
  - Top 20 Priority Segments
- ### Existing Sidewalks and Pathways
- Existing Sidewalk
  - Existing Pathway
- ### Future Sidewalks and Pathways
- Proposed Pathway
  - Proposed Sidewalk
- ### Existing Off Road Paths & Trails
- Paved Path
  - Unpaved Trail
  - Mountain Biking Trail



### City of Novi

Dept. of Community Development  
City Hall / Civic Center  
45175 W Ten Mile Rd  
Novi, MI 48375  
cityofnovi.org

Map Author: Jon Gartha  
Date: July 30, 2019  
Project: 2019 Non-Motorized Update  
Version #: 1.0



#### MAP INTERPRETATION NOTICE

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**MAPS:**  
**2017-2018 Top 20 Priority Pathway and Sidewalk Segments**  
**(excluding deferred segments)**

**INSERT MAPS**

## Chapter 4: NON-MOTORIZED PLAN 2018-2019 UPDATE

Completed Non-Motorized Improvements and Top 20 Priority Pathway and Sidewalk Segments are only part of the overall Non-Motorized Plan for the City of Novi.

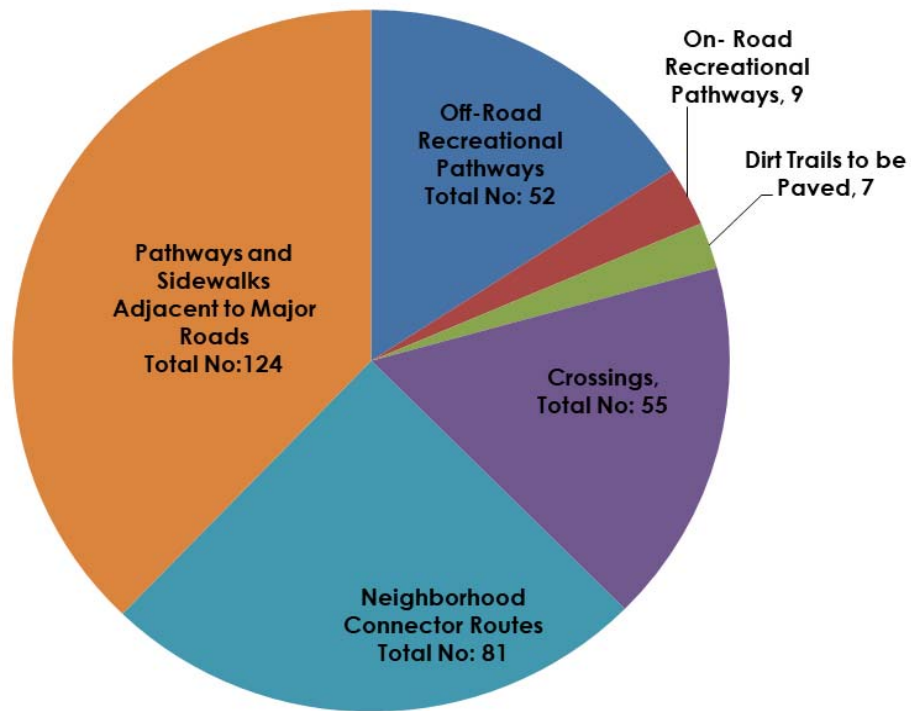
In 2011, in an effort to further expedite the non-motorized planning efforts, the City Council contracted with the Greenway Collaborative to produce a comprehensive Non-Motorized Master Plan to expand on the Pathway and Sidewalk Prioritization Analysis and Plan. The Non-Motorized Master Plan provides recommendations for in-road facilities, sidewalks, trails, road crossings, design standards, priority considerations, funding, and non-motorized routes. This plan, financed with Federal Energy Efficiency Conservation Block Grant funds, includes an expanded implementation strategy to help the City continue its efforts to provide a safe, convenient and enjoyable environment for bicyclists, pedestrians and other non-motorized users while demonstrating the potential energy savings new facilities could provide.

Each year, as part of the Annual Non-Motorized Prioritization process, the Walkable Novi Committee reviews the following map and tables to ensure that the City is working towards successful implementation of this important plan. Implementation update memo is approved by the Committee in June. Potential sidewalk and pathway segments that need to be constructed were identified and placed into the "Pathway and Sidewalk Prioritization Worksheet." See Table 4.4 for more details. Tables 4.1 through 4.3 provide an inventory of proposed non-motorized inventory throughout the City which is not part of the Prioritization spreadsheet. The list includes off-road recreational pathways, neighborhood connector roads and proposed crossing etc. Items that are constructed (or under construction) as of current year of the update are removed from the tables. The construction of these projects are undertaken as part of the road integration projects or as city or other funding sources become available.

- Map 3: Non-Motorized Plan 2017-18 Update
- Table 4.1: Summary of the Proposed Non-Motorized Improvements as of 2016
- Table 4.2: Proposed Off-Road Recreational Pathways and On-Road Regional Pathway
- Table 4.3: Proposed Crossings
- Table 4.4: Proposed Neighborhood Connector Routes
- Table 4.5: Proposed Adjacent to Major Roads Pathway and Sidewalk Segments: Tier 1 Category Rankings
- Table 4.6 Proposed Adjacent to Major Roads Pathway and Sidewalk Segments: Tier 2 Category Rankings

**TABLE 4.1: Summary of the Proposed Non-Motorized Improvements as of 2019**

Type	# of Segments/ Crossings	Length (mi.)	Length (ft.)
Off-Road Recreational Pathways	52	20	106,974
On- Road Recreational Pathways	9	5.2	27,746
Dirt Trails to be Paved	7	2.3	12,086
Crossings	55		
Neighborhood Connector Routes	81	37.9	200,023
Pathways And Sidewalks Adjacent To Major Roads	124	42.6	224,745



**Figure 4.1: Summary of the Proposed Total Non-Motorized Improvements as of 2019 by count**



**TABLE 4.2: Proposed Off-Road Recreational Pathways and On-Road Regional Pathway**

No Mo Phase=: Former Top 20=0, Initial=1, Major Corridor=2, Neighborhood Connector=3

Surface: C=concrete, A=asphalt, D=dirt

Classification: L=local, R=regional, P=park

PR=Planned Regional; PP=Planned Paved; PF= Planned Foot Trail; OR=On-Road Regional; DP=Dirt to be paved

Scheduled Segment      CIP Budget Year

Segment Item #	Section #	No Mo Phase	Type	Location	From / To	Length (ft.)	Width (ft.)	Surface	Classification	CIP Budget Year or Scheduled Segment Notes
<b>Off-Road Trails &amp; Paths</b>										
4064	31	2	PR	ITC Sports Center Park	ITC to Eight Mile	3,259	10	A	R	17-18 CIP; TAP Grant Awarded
4014	17	3	PP	Wildlife Woods Park	ITC to Wixom	3,393	10	A	P	
4077	23	1	PP	Main St path	Capitol to Cherry Hill	779	10	A	P	
4296	27	0	PP	Civic Center	Ten Mile to Novi Way	420	5	C	P	
4002	30	2	PR	Undeveloped Park/ ITC Corridor	Nine to Ten Mile	3,647	10	A	R	19-20 CIP; Greenway Phase 2
4295	27	0	PP	Civic Center/ Power Park	Novi Way to play ground	676	5	C	P	was sag 127B
4030	26	1	PP	Orchard Hills West	Mallot to Chattman	860	10	A	L	NC-3
4010	3	2	PR	Lakeshore Park	Parking lot to 12 1/2	3,513	10	A	L	
4011	3	2	PR	Lakeshore Park	West Park to parking lot	5,759	10	A	R	
4012	15	2	PP	I-96	RR to Meadowbrook	9,677	10	A	L	
4020	25	2	PP	Village Wood Lake	Meadowbrook to Village Wood	1,147	10	A	L	
4022	27	2	PP	Power Park	Taft to existing path	1,772	10	A	P	
4023	27	2	PP	Power Park	Jonathan to park path	1,079	10	A	P	
4028	17	2	PP	Beck to ITC	ITC to Cheltenham	1,878	10	A	L	
4037	26	2	PP	Orchard Hills West	Meadowbrook to Balcombe	1,804	10	A	L	
4039	26	2	PP	Novi Ridge Orchard Hills	Balcombe to RR	1,068	10	A	L	
4040	26	2	PP	Ice Arena	RR to River Oaks	1,540	10	A	L	
4049	4	2	PR	Beck North	Spring Lake to West Park	4,209	10	A	R	
4050	4	2	PR	The Springs Apartments	Fireside to Beck North	1,256	10	A	R	
4066	3	2	PR	Lakeshore Park	Parking to South Lake	1,388	10	A	R	
4067	3	2	PR	Lakeshore Park	trail head to parking	291	10	A	R	



**TABLE 4.2: Proposed Off-Road Recreational Pathways and On-Road Regional Pathway**

No Mo Phase=: Former Top 20=0, Initial=1, Major Corridor=2, Neighborhood Connector=3

Surface: C=concrete, A=asphalt, D=dirt

Classification: L=local, R=regional, P=park

PR=Planned Regional; PP=Planned Paved; PF= Planned Foot Trail; OR=On-Road Regional; DP=Dirt to be paved

 Scheduled Segment     CIP Budget Year

Segment Item #	Section #	No Mo Phase	Type	Location	From / To	Length (ft.)	Width (ft.)	Surface	Classification	CIP Budget Year or Scheduled Segment Notes
4005	17	3	PP	ITC Corridor	s. Providence to Mid Providence	1,999	10	A	L	
4006	17	3	PP	ITC Corridor	Grand River to 12 Mile	773	10	A	R	
4007	17	3	PP	Providence Park Hospital	Central Providence to Grand River	1,366	10	A	R	
4015	29	3	PP	Nottingham Woods	Woodworth to ITC	1,777	10	A	L	
4016	20	3	PP	Mockingbird	Sandpiper to ITC	557	10	A	L	
4017	22	3	PP	East of Taft Rd.	Kerri to Taft a	1,590	10	A	L	
4018	22	3	PP	Cedar Springs	Kerri to Taft b	312	10	A	L	
4021	26	3	PP	River Oaks	Portage Way east boundary	353	10	A	L	
4024	27	3	PP	Dunbarton Pines	midway to Park	2,002	10	A	L	
4025	11	3	PP	Tollgate Farms	Steinbeck to 12 Mile	4,407	10	A	L	
4026	21	3	PP	Yorkshire to Taft Rd	Emerald Forest to Taft	767	10	A	L	
4027	35	3	PP	Chase to Novi Rd.	Novi to Asbury	306	10	A	L	
4031	2	3	PP	Maples Chateau Estates	Independence to La Roi	1,270	10	A	L	
4033	27	3	PP	Orchard Ridge Arowon	Greening to Algonquin	787	10	A	L	
4035	26	3	PP	Whispering Meadows Orchard Hill	Sovoio to Orchard Hills	1,324	10	A	L	
4038	27	3	PP	Arowon Pines	Algonquin to Mystic Forest	135	10	A	L	
4041	26	3	PP	Orchard Hill	Tammera to Aspen	578	10	A	L	
4042	25	3	PP	Willowbrook	Le Bost to Park	324	10	A	L	
4044	36	3	PP	Haverhill Maples	Collingdale to Kingsley	2,807	10	A	L	
4045	19	3	PP	Knightsbridge Old Dutch	Victoria to Island Lake	2,832	10	A	L	
4046	22	3	PP	Churchill to Clark	Clark to Thatcher	147	10	A	L	
4047	15	3	PP	CSX	under 96	403	10	A	L	

**TABLE 4.2: Proposed Off-Road Recreational Pathways and On-Road Regional Pathway**

No Mo Phase=: Former Top 20=0, Initial=1, Major Corridor=2, Neighborhood Connector=3

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Classification: L=local, R=regional, P=park

PR=Planned Regional; PP=Planned Paved; PF= Planned Foot Trail; OR=On-Road Regional; DP=Dirt to be paved

Scheduled Segment      CIP Budget Year

Segment Item #	Section #	No Mo Phase	Type	Location	From / To	Length (ft.)	Width (ft.)	Surface	Classification	CIP Budget Year or Scheduled Segment Notes
4048	15	3	PP	I-96	Taft to RR	2,065	10	A	L	
4051	11	3	PP	Tollgate Woods	Steinbeck to west	164	10	A	L	
4052	11	3	PP	Tollgate Woods to Vista	Steinbeck to Sandstone	646	10	A	L	
4053	21	3	PP	Walden Simmons Orchard	Arcadia to Cidermill	1,137	10	A	L	
4054	22	3	PP	Legacy Park	10 Mile to Laurel	2,766	10	A	L	
4055	22	3	PP	Churchill to Novi Rd	Thatcher to Novi	1,624	10	A	L	
4063	16	3	PP	Taft Rd	GR to 96	1,373	10	A	L	
4116	4	3	PR	Portsmouth	Pontiac Trail to Spring Lake	1,198	8	A	R	
4198	30	3	PP	Singh Trail	10 to 9 mile	10,106	10	A	L	
<b>Off-Road Trails &amp; Paths Total</b>						<b>86,006</b>				
<b>Planned On-Road Regional</b>										
4340	12	2	OR	Thirteen Mile S. side	M-5 to Meadowbrook	2,817	10	A	R	Metro Connector Phase 2
4341	11	3	OR	Meadowbrook E. side	12 to 13 Mile	5,117	10	A	R	
4345	9	3	OR	West Park W. side	West to 12 Mile	4,982	10	A	R	
4348	16	3	OR	Beck E. side	GR north 250 ft	250	10	A	R	
4343	17	3	OR	Eleven Mile N. side	ITC to Wixom	2,550	10	A	R	
4346	17	3	OR	Beck E. side	Providence to Grand River	2,200	10	A	R	
4344	19	3	OR	Wixom W. side	590 ft N. of Ten Mile to Eleven Mile	4,752	10	A	R	
4351	19	3	OR	Wixom W. side	Ten Mile 590 ft north	590	10	A	R	was seg 48
4347	9, 16	3	OR	Beck E. side & 12 Mile S. side	Bank, I-96, West Park	4,488	10	A	R	was seg 151 & 161
<b>Planned On-Road Regional Total</b>						<b>27,746</b>				
<b>Dirt Trails to be Paved</b>										
4297	27	2	DP	Power Park		1,185	10	A	P	
4298	27	2	OR	Power Park		853	10	A	P	
4299	35	3	OR	Rotary Park		3,294	10	A	P	
4300	35	3	OR	Chase Farms		596	10	A	P	
4301	35	3	OR	Rotary Park		2,577	10	A	P	



**TABLE 4.2: Proposed Off-Road Recreational Pathways and On-Road Regional Pathway**

No Mo Phase=: Former Top 20=0, Initial=1, Major Corridor=2, Neighborhood Connector=3

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PR=Planned Regional; PP=Planned Paved; PF= Planned Foot Trail; OR=On-Road Regional; DP=Dirt to be paved

 Scheduled Segment  CIP Budget Year

Segment Item #	Section #	No Mo Phase	Type	Location	From / To	Length (ft.)	Width (ft.)	Surface	Classification	CIP Budget Year or Scheduled Segment Notes
4302	35	3	OR	Chase Farms		2,831	10	A P		
4303	35	3	OR	Rotary Park		750	10	A P		
<b>Dirt Trails To Be Paved Total</b>						<b>12,086</b>				

**TABLE 4.3: Proposed Crossings**

Crossing Item #	No Mo Phase	Proposed	Location	Notes
5131	0	ramps crosswalks	Twelve Mile & Haggerty	NW to NE, NW to SW & SW to SE previously identified in PSPAP
5132	0	ramps crosswalks	Beck & Eleven Mile	NW to NE & NE to SE previously identified in PSPAP with ADA
5133	0	ramps crosswalks	Wixom & Eleven Mile	
5142	0	ramps crosswalks	Ten Mile & Churchill	NW to SW & NE to SE previously identified in PSPAP with ADA
5024	1	crosswalk & signals	Twelve Mile & Donelson	
5026	1	crosswalk & signals	Twelve Mile & Cabaret	
5059	1	ramps cross signals	M-5 & Fourteen Mile west	SW to SE with pathway seg 1
5060	1	ramps cross signals	M-5 & Fourteen Mile east	SW to SE with pathway seg 1 NE to SE with Commerce
5061	1	crosswalk & signals	Haggerty & JR	NW to NE with seg 25
5064	1	ramps crosswalk	Twelve Mile & Meadowbrook south	SW-NW w/path seg 30 or 29
5001	2	mid-block	Novi & Algonquin	signage, ramps and crosswalk with neighborhood connector route seg 9067 mid-block crossing with road project
5012	2	mid-block	Meadowbrook north of Chattman	with local off road path seg 3020 & 3037
5027	2	mid-block	Eleven Mile & ITC path	signage, ramps and crosswalk with foot trail seg 3004 mid-block crossing with road project

**TABLE 4.3: Proposed Crossings**

Crossing Item #	No Mo Phase	Proposed	Location	Notes
5029	2	ramps signs	Nine Mile & ITC path	
5030	2	ramps signs	Garfield & ITC path	
5039	2	bike crossing signs	Twelve Mile & West Park	with regional trail seg 122d
5048	2	mid-block	Taft & White Pines	signage, ramps and crosswalk with neighborhood connector route seg 9006 mid-block crossing with road project
5056	2	NW to SW & NE to SE	West Park & West	NW- SW w/regional seg 3049 NE-SE w/path seg 8
5002	3	mid-block	Nine Mile west of Center	signage, ramps and crosswalk with neighborhood connector route seg 9128 mid-block crossing with road project
5003	3	mid-block	Nine Mile & Ennishore	signage, ramps and crosswalk with local path seg 3034 or neighborhood connector route seg 9058 mid-block crossing with road project
5005	3	mid-block	Ten Mile west of Ripple Creek	with neighborhood connector route seg 9124
5006	3	mid-block	Ten Mile & Hampton Hill	with neighborhood connector route seg 9007 & 9070
5008	3	crosswalk & signs	Thirteen & Plateau	with neighborhood connector route 9052
5010	3	mid-block	Meadowbrook & Marks	signage, ramps and crosswalk and crosswalk with neighborhood connector route seg 9043 or 9103 mid-block crossing with road project
5011	3	mid-block	Novi & Galway	with neighborhood connector route seg 9071
5013	3	ramps signs	Nine Mile & Singh	with foot trail seg 3001
5015	3	mid-block	Wixom & Delmont	with neighborhood connector route seg 9016
5017	3	mid-block	Taft & Galway	signage, ramps and crosswalk with neighborhood connector route seg 9046 mid-block crossing with road project
5018	3	mid-block	Taft & Addington	signage, ramps and crosswalk with local off-road path seg 3022 mid-block crossing with road project
5019	3	mid-block	Taft & Novi Woods	signage, ramps and crosswalk with off-road path 4017 mid-block crossing with road project
5020	3	ramps cross signs	West Park & Bristol	with neighborhood connector route signage and crosswalk
5021	3	mid-block	Nine Mile & Darcey	signage, ramps and crosswalks with neighborhood connector route seg 9046 mid-block crossing with road project
5022	3	mid-block	Ten Mile & Simmons	with neighborhood connector route seg 9020

**TABLE 4.3: Proposed Crossings**

Crossing Item #	No Mo Phase	Proposed	Location	Notes
5023	3	mid-block	Fourteen Mile & Kingswood	with road project
5025	3	ramps cross signals	Twelve Mile & Twelve Oaks	with local off road trail seg 3025
5028	3	mid-block	Ten Mile & ITC path	with foot trail seg 3004
5031	3	mid-block crossing	Twelve Mile & ITC path	with regional trail segment 3006
5032	3	mid-block crossing	Grand River & ITC path	with regional trail segment 3006
5036	3	ramps crosswalk	Eleven Mile & Arcadia	with neighborhood connector route seg 9053
5040	3	crosswalk & signals	Twelve Mile & Taft	with road project
5041	3	mid-block	Grand River & Fountain Park	with road project
5042	3	mid-block	Grand River west of Karim	with road project
5045	3	mid-block	Taft north of Byrne	with road project
5046	3	mid-block	Nine Mile west of Connemara	with road project
5047	3	mid-block	Taft & Dunbarton	with road project
5050	3	mid-block	Ten Mile & Bramblewood	with road project
5051	3	mid-block	Ten Mile & Linwood	with road project
5052	3	mid-block	Nine Mile & Autum Park	with road project
5053	3	mid-block	Beck north of Stratford	with road project
5054	3	mid-block or signals	Wixom & Glenwood or Deerfield	Completed. New traffic signal & non-motorized mid-block crossing
5055	3	mid-block	Novi & Ledgeview	with road project
5057	3	ramps crosswalk	Fourteen & Novi	SE to NE with road or ADA project
5058	3	ramps cross signal	Fourteen & Welch	with road or ADA project
5062	3	ramp signal improv	Beck & Pontiac Trail	with ADA project
5063	3	crosswalk signs	Beck & Tamarack	with road project
<b>55</b>		<b>TOTAL PLANNED CROSSING IMPROVEMENTS</b>		

**TABLE 4.4: Proposed Neighborhood Connector Routes**

Segment Item #	No Mo Master Plan Priority	Location	From/To	Length (ft.)	Notes
9067	0	Algonquin Little Falls	Little Rapids west	2,521	
9060	0	Bristol	West Park to Pennington	1,713	

**TABLE 4.4: Proposed Neighborhood Connector Routes**

Segment Item #	No Mo Master Plan Priority	Location	From/To	Length (ft.)	Notes
9113	0	Cabaret	Twelve Mile to Fountainwalk	2,427	
9047	0	Chellenham	Novi west	2,120	
9112	0	Dixon	Twelve Mile to 12 1/2 Mile	2,688	
9071	0	Galway	Center to Novi	2,715	
9069	0	High Meadow	Greening to Jonathan	1,017	
9008	0	Jonathan	High Meadow to west end	297	
9031	0	Village Wood	Heatherbrie to School	876	
9049	0	Village Wood	School to Haggerty	3,720	
9006	0	White Pine	Taft to Moorgate	2,778	
9009	0	White Pine	Beck to Moorgate	3,488	
9034	1	Addington	Taft to Devonshire	602	
9019	1	Addington Jaslyn	Westmont 10 to Devonshire	2,917	
9123	1	Bethany Cherry Hill	Brenda to Highlands	5,984	
9124	1	Bethany Ripple Creek	MaudeLea to Brenda	3,238	
9103	1	Broquet Glenn Haven	Meadowbrook to 8 Mile	4,287	
9094	1	Center	Galway to Northville	483	
9127	1	Christina Sussex	Sullivan to Churchill link	715	
9021	1	Cidermill	Beck to Riverview Ln	3,972	
9145	1	Clark	Eleven Mile south end	2,613	
9082	1	Congress	Constitution to Capitol	759	
9057	1	CortlandHickoryGrove	Ten Mile to Russet Power Park	1,596	
9025	1	Eleven_Clark	Taft to Grand River	3,739	
9140	1	Emerald Forest	school link to west end	1,037	
9029	1	Flint	bend to Grand River	213	
9028	1	Flint_Main	Potomic to bend in Flint	2,595	
9046	1	Galway	Hillridge to Dartmouth	7,058	
9075	1	Galway	Nine Mile to Dartmoor	530	
9129	1	Galway	Center to Hillridge	621	
9043	1	HeatherbraeMarks	Meadowbrook to Villagewood	6,138	
9054	1	Kerri_Sullivan	west end to Christine	1,012	
9072	1	Moorsgate	White Pine to Thornton School	713	
9027	1	Potomic	Main to Congress	1,025	
9020	1	RiverviewSimmons	Ten Mile to Cidermill	3,596	
9126	1	SealyJosephBrenda	Eleven Mile to Bethany	4,604	
9041	1	Seely_Old11	Eleven Mile to 275 trail	713	
9056	1	ThatcherCavendish	Sussex link to 10 Mile	2,631	
9090	2	Eleven Mile	verizon access to Town Center	1,860	
9125	2	Eleven Mile	Meadowbrook to Sealey	2,726	
9053	2	Arcadia	Eleven Mile to end	1,569	
9134	2	Arcadia	Cordoba to west end	1,675	
9119	2	Bristol	West Park west part off road	3,060	
9012	2	Brownstone	Meadowbrook to Hemingway	1,105	

**TABLE 4.4: Proposed Neighborhood Connector Routes**

Segment Item #	No Mo Master Plan Priority	Location	From/To	Length (ft.)	Notes
9058	2	Chase	Reindeer to 9 Mile	1,436	
9026	2	Crescentwood Drakes Bay	Glenwood ReyesPoint loop	16,523	
9001	2	Eleven Mile	Meadowbrook to Verizon access	1,880	
9042	2	Ennishore Balcombe	Nine Mile to Chattman	2,699	
9044	2	Fawn ReinDeer	Meadowbrook to Nine Mile	1,867	
9111	2	Garfield	ITC to Eight Mile	5,596	
9007	2	HamptonHill Ridge	Cherry Hill to Ten Mile	2,563	
9052	2	Liberty Montmorency	Chateau to LaRoi	2,435	
9128	2	NorthHill Midway	Danbarton to Galway	3,983	
9011	2	Plateau Hemingway Wolf	Burroughs to Liberty	2,474	
9070	2	Quincey Tamara	Ten Mile to school	1,252	
9015	2	Reeds Pointe Kelsey	Drakes Bay to Wixom	1,894	
9066	2	Silvery	Borchart to Orchard Park cut	940	
9010	2	Steinbeck	Crane to Burroughs	1,418	
9098	2	Thatcher	at eyebrow	179	
9143	2	Thatcher	Clark link to Novi link	899	
9101	2	Town Center Main	Eleven Mile to Potomic	1,417	
9122	2	Twelve Oaks	East loop	4,093	
9133	2	Waverly Independence	Novi to Chateau link	581	
9121	3	12 1/2 Mile	All	2,696	
9013	3	12 Mile	Grand River to Napier	4,616	
9107	3	AlbertKnightsbridge	Twelve Mile Island Lake link	2,416	
9051	3	AmyLadeneSavoie	Orchard Hill link to Meridian	4,051	
9014	3	ApplebrookeRoberts	Deer Run to Nine Mile	2,885	
9018	3	CiderMill Sandpiper	Beck to ITC connector	2,688	
9110	3	Deer Run	Garfield to Applebrooke	2,238	
9016	3	Delmont	Wixom to Woodworth	1,545	
9093	3	Galway	Novi to Center	2,715	
9139	3	Hillside Sunday	Nine Mile to Roberts	2,242	
9132	3	Independance	Sleepy Hollow to Chateau link	606	
9106	3	KingswoodKingsley	Fourteen Mile Chateau link	2,380	
9138	3	LaurelTorino	Nine Mile to Links of Novi	3,531	
9142	3	Orchard Hill	Eight Mile to Whispering link	2,314	
9120	3	Sandstone	Novi to Tollgate link	2,040	
9104	3	SleepyHollow Colling	Independence to HaverHill link	1,743	
9136	3	Terra Del Mar	Ten Mile to Drakes Bay	2,900	
9017	3	Woodworth	Delmont to ITC loop	542	
<b>Total Planned Routes (ft.)</b>				<b>200,023</b>	





TABLE 4.5: Proposed Adjacent to Major Roads Pathway and Sidewalk Segments: Tier 1 Category Rankings

All proposed adjacent to road pathway & sidewalk segments are reviewed against a set of Tier 1 criteria & assigned points based on the segment's potential service benefits to the citizens of the City, the segments are ranked by the Tier 1 points & the segments receiving the top 20 points are assigned Tier 2 points

TIER 1 CATEGORIES																							
OVERALL SEGMENT RANK	Segments with pathways or sidewalks on most of the opposite side of the street - <i>note that these segments may be critical for system connectivity &amp; must be analyzed separately for connectivity</i>							Short Segments (400 ft or less)	CIP Budget Year	points available per category												TOTAL TIER 1 POINTS	TIER 1 RANKING
	Segments which would require construction of a highway crossing or railroad crossing for completion									5 points = 1 accident	0 = <10K ADTs*, 5 = 10K-20K ADTs 10 = >20K ADTs	4.5 = 1 school	4 = 1 park	3.5 = 1 hotel	3.5 = 1 shopping area	3.5 = 1 places of worship	3.5 = connecte d to neighboring sidewalk system	0 = low density 8 = medium density 16 = high density	5 = 1/2 to 1 mile	5 = top 15 survey responses, resident petitions & documented segments requested by groups & govt agencies	20 = initial investment		
	Deferred segments until construction due to previous Council action: 80b, 121a									10 = 2 accidents	Then multiplied by 1<35mph, 1.2 for 35-40mph & 1.5 for >=45 mph	9 = 2+ schools	8 = 2+ parks	7 = 2+ hotels	7 = 2+ shopping areas	7 = 2+ places of worship	7 = connecte d to regional trail system	10 = 1 to 2 mile	15 =over 2 mile	15 = major corridor			
Segment Item #	Section #	S = 6 ft. sidewalk P = 8 ft. pathway	Side of the Street	Location	From	To	# of Pieces in Segment	Segment Length (ft.)	Notes	BICYCLE & PEDESTRIAN ACCIDENTS (intersection accidents only included when sidewalk or pathway connection is missing (1/98 to 9/14)	TRAFFIC SAFETY (ADT) 2010 Non-Motorized MP & Traffic Speed	ACCESS TO SCHOOLS (# elem & intermediate schools within 1 mile); (# middle & high schools within 2 miles); (# private schools over 100 students within 2 miles)	ACCESS TO PARKS (# within 1 mile)	ACCESS TO HOTELS (# hotels within 1 mile)	ACCESS TO SHOPPING (# shopping areas within 1 mile)	ACCESS TO PLACES OF WORSHIP (# places of worship within 1 mile)	CONNECTED TO NEIGHBORING SIDEWALK/ REGIONAL TRAIL SYSTEM	POPULATION SERVED	SEGMENT COMPLETION	CONSIDERABLE PUBLIC INTEREST	NON-MOTORIZED MASTER PLAN		
17	82b	25	S	west	Haggerty	Pavilion Ct Apartments	Nine Mile	1	539									14	15	5	0	67	17
18	153	36	S	east	Haggerty	City limits	Taco Bell	1	501						3.5	0	14	14	10	0	0	66.5	18
19	72	23	P	north	Grand River	Town Center	Amstaff building	1	677				6	4	7	0	0	14	15	0	0	63.5	19
19	121a	36	P	south	Nine Mile	Meadowbrook	Sunrise	1	2,899			4.5	6	0	0	4	0	14	5	5	20	63.5	19
21	64	22	S	east	Taft	Ten Mile	Eleven Mile	2	4,218	23-24		9	12	2	0	4	0	14	10	5	0	61	21
22	21a	13	P	south	Twelve Mile	Meadowbrook	Energy Way	2	3,451			9	6	2	0	2	7	7	5	0	0	60.5	22
22	97b	29	P	west	Beck	Cheltenham	Iriquois	1	1,059			4.5	0	0	3.5	4	14	7	5	0	0	60.5	22
24	168	14	P	east	Novi Rd.	across 96		1	1,957			0	0	4	7	0	0	14	15	5	0	60	24
24	119a	36	S	east	Meadowbrook	Nine Mile	Singh Blvd	1	1,075	21-22		0	12	0	0	4	0	14	0	5	20	60	24
24	119c	36	S	east	Meadowbrook	Eight Mile	N of Llewelyn	1	1,191			0	0	2	0	4	0	14	10	5	20	60	24
27	6a	4	P	west	West Park	Pontiac Trail	45182 West Park Dr	1	418			4.5	0	0	3.5	2	0	14	10	5	0	59	27
27	6b	4	P	west	West Park	45182 West Park Dr	Bristol Corners	1	1,780			4.5	0	0	3.5	2	0	14	10	5	0	59	27
29	52a	20	P	south	Eleven Mile	Wixom	E side ITC Corridor	2	2,566			9	6	2	3.5	2	14	7	10	5	0	58.5	29
29	79a	24	S	east	Meadowbrook	Ten Mile	Clermont Ave	1	526			4.5	0	0	7	4	0	7	15	5	0	58.5	29
29	79b	24	S	east	Meadowbrook	Clermont Avenue	Scarborough Lane	1	661			4.5	0	0	7	4	0	7	15	5	0	58.5	29
29	79c	24	S	east	Meadowbrook	Scarborough Lane	Grand River		872			4.5	0	0	7	4	0	7	15	5	0	58.5	29
33	44	18	P	east	Napier	Knights Bridge	Island Lake	1	2,626			0	6	0	0	0	0	7	15	0	20	58	33
34	121b	36	P	south	Nine Mile	Sunrise	Haggerty	1	2,482			4.5	0	0	0	4	0	14	5	5	20	57.5	34

TABLE 4.5: Proposed Adjacent to Major Roads Pathway and Sidewalk Segments: Tier 1 Category Rankings

All proposed adjacent to road pathway & sidewalk segments are reviewed against a set of Tier 1 criteria & assigned points based on the segment's potential service benefits to the citizens of the City, the segments are ranked by the Tier 1 points & the segments receiving the top 20 points are assigned Tier 2 points

TIER 1 CATEGORIES																							
OVERALL SEGMENT RANK	Segments with pathways or sidewalks on most of the opposite side of the street - <i>note that these segments may be critical for system connectivity &amp; must be analyzed separately for connectivity</i>							Short Segments (400 ft or less)	CIP Budget Year	points available per category											TOTAL TIER 1 POINTS	TIER 1 RANKING	
	Segments which would require construction of a highway crossing or railroad crossing for completion									5 points = 1 accident	0 = <10K ADTs", 5 = 10K-20K ADTs 10 = >20K ADTs	4.5 = 1 school	4 = 1 park	3.5 = 1 hotel	3.5 = 1 shopping area	3.5 = 1 places of worship	3.5 = connecte d to neighboring sidewalk system	0 = low density 8 = medium density 16 = high density	5 = 1/2 to 1 mile	5 = top 15 survey responses, resident petitions & documented segments requested by groups & govt agencies			20 = initial investme nt
	Deferred segments until construction due to previous Council action: 80b, 121a									10 = 2 accidents	10 = >20K ADTs Then multiplied by 1<35mph, 1.2 for 35-40mph & 1.5 for >=45 mph	9 = 2+ schools	8 = 2+ parks	7 = 2+ hotels	7 = 2+ shopping areas	7 = 2+ places of worship	7 = connecte d to regional trail system	10 = 1 to 2 mile	15 = over 2 mile	15 = major corridor			
Segment Item #	Section #	S = 6 ft. sidewalk P = 8 ft. pathway	Side of the Street	Location	From	To	# of Pieces in Segment	Segment Length (ft.)	Notes	BICYCLE & PEDESTRIAN ACCIDENTS (intersection accidents only included when sidewalk or pathway connection is missing (1/98 to 9/14)	TRAFFIC SAFETY (ADT) 2010 Non-Motorized MP & Traffic Speed	ACCESS TO SCHOOLS (# elem & intermediate schools within 1 mile); (# middle & high schools within 2 miles); (# private schools over 100 students within 2 miles)	ACCESS TO PARKS (# within 1 mile)	ACCESS TO HOTELS (# hotels within 1 mile)	ACCESS TO SHOPPING (# shopping areas within 1 mile)	ACCESS TO PLACES OF WORSHIP (# places of worship within 1 mile)	CONNECTED TO NEIGHBORING SIDEWALK/ REGIONAL TRAIL SYSTEM	POPULATION SERVED	SEGMENT COMPLETION	CONSIDERABLE PUBLIC INTEREST	NON-MOTORIZED MASTER PLAN		
35	32a	15	S west	Novi Rd.	Twelve Mile	West Oaks	2	1,347		15	15	0	6	4	7	0	0	0	5	5	0	57	35
35	52b	20	P south	Eleven Mile	Oberlin	Bosco	1	641		0	0	9	12	0	0	0	14	7	10	5	0	57	35
35	88	26	S north	Nine Mile	RR crossing	Shiro	1	1,165	23-24	10	0	0	12	0	7	4	0	14	10	0	0	57	35
38	41	17	S east	Wixom	Target	Deerfield Elementary	2	1,516		0	5	9	12	2	3.5	0	0	3.5	15	5	0	55	38
39	30a	14	P west	Meadowbrook	26901 Meadowbrook Rd	41500 Gardenbrook	1	2,034		5	6	9	6	4	7	0	7	0	10	0	0	54	39
39	115	34	S west	Novi Rd.	Timber Ridge development	City Limits	1	1,591		5	7.5	4.5	6	0	7	0	0	14	10	0	0	54	39
41	25a	13	S west	Haggerty	Twelve Mile	Novi Research Park	1	1,019		0	7.5	4.5	0	2	0	0	0	14	5	0	20	53	41
41	25b	13	S west	Haggerty	Novi Research Park	section line	1	3,167		0	7.5	4.5	0	2	0	0	0	14	5	0	20	53	41
41	119b	36	S east	Meadowbrook	Singh Blvd	N of Llewelyn	1	1,438		5	0	0	0	0	0	4	0	14	5	5	20	53	41
44	150	17	S north	Grand River	Sams Way	Providence	2	681		0	7.5	0	6	2	7	0	0	0	15	0	15	52.5	44
45	176	16	P south	Twelve Mile	46675 Twelve Mile Rd	I-96	1	1,669		5	15	0	0	0	7	0	0	0	5	5	15	52	45
45	177	16	P west	Beck/I-96	I-96 ROW		2	2,802		5	15	0	0	0	7	0	0	0	5	5	15	52	45
45	169	17	S west	Beck Road	Grand River	across I-96	1	1,314		5	15	0	0	0	7	0	0	0	5	5	15	52	45
45	52c	20	P south	Eleven Mile	Beck	Entrance to Bosco Park	1	716		0	0	9	12	0	0	0	14	7	5	5	0	52	45
49	51	20	S north	Ten Mile	Dinser	Woodham	1	1,799	23-24	0	7.5	0	6	0	0	2	14	7	10	5	0	51.5	49
50	40	17	P south	Grand River	Providence Hospital	Wixom	3	843		5	7.5	4.5	12	2	0	0	0	0	15	5	0	51	50
51	19a	12	S north	Twelve Mile	27925 Summit Dr	40020 Twelve Mile Rd	1	2,519		5	7.5	9	6	2	0	2	14	0	5	0	0	50.5	51

TABLE 4.5: Proposed Adjacent to Major Roads Pathway and Sidewalk Segments: Tier 1 Category Rankings

All proposed adjacent to road pathway & sidewalk segments are reviewed against a set of Tier 1 criteria & assigned points based on the segment's potential service benefits to the citizens of the City, the segments are ranked by the Tier 1 points & the segments receiving the top 20 points are assigned Tier 2 points

TIER 1 CATEGORIES

OVERALL SEGMENT RANK	Segments with pathways or sidewalks on most of the opposite side of the street - note that these segments may be critical for system connectivity & must be analyzed separately for connectivity							Short Segments (400 ft or less)	CIP Budget Year	points available per category											TOTAL TIER 1 POINTS	TIER 1 RANKING	
	Segments which would require construction of a highway crossing or railroad crossing for completion									5 points = 1 accident	0 = <10K ADTs*, 5 = 10K-20K ADTs 10 = >20K ADTs Then multiplied by 1<35mph, 1.2 for 35-40mph & 1.5 for >=45 mph	4.5 = 1 school 9 = 2+ schools	4 = 1 park 8 = 2+ parks	3.5 = 1 hotel 7 = 2+ hotels	3.5 = 1 shopping area 7 = 2+ shopping areas	3.5 = 1 places of worship 7 = 2+ places of worship	3.5 = connecte d to neighboring sidewalk system 7 = connecte d to regional trail system	0 = low density 8 = medium density 16 = high density	5 = 1/2 to 1 mile 10 = 1 to 2 mile 15 =over 2 mile	5 = top 15 survey responses, resident petitions & documented segments requested by groups & govt agencies			20 = initial investme nt 15 = major corridor
	Deferred segments until construction due to previous Council action: 80b, 121a																						
Segment Item #	Section #	S = 6 ft. sidewalk P = 8 ft. pathway	Side of the Street	Location	From	To	# of Pieces in Segment	Segment Length (ft.)	Notes	BICYCLE & PEDESTRIAN ACCIDENTS (intersection accidents only included when sidewalk or pathway connection is missing (1/98 to 9/14)	TRAFFIC SAFETY (ADT) 2010 Non-Motorized MP & Traffic Speed	ACCESS TO SCHOOLS (# elem & intermediate schools within 1 mile); (# middle & high schools within 2 miles); (# private schools over 100 students within 2 miles)	ACCESS TO PARKS (# within 1 mile)	ACCESS TO HOTELS (# hotels within 1 mile)	ACCESS TO SHOPPING (# shopping areas within 1 mile)	ACCESS TO PLACES OF WORSHIP (# places of worship within 1 mile)	CONNECTED TO NEIGHBORING SIDEWALK/ REGIONAL TRAIL SYSTEM	POPULATION SERVED	SEGMENT COMPLETION	CONSIDERABLE PUBLIC INTEREST	NON-MOTORIZED MASTER PLAN		
51	19b	12	S	north	Twelve Mile	ITC Corridor	1	100		5	7.5	9	6	2	0	2	14	0	5	0	0	50.5	51
53	30b	14	P	west	Meadowbrook	27551 Meadowbrook Rd	2	910		5	6	9	6	0	7	0	7	0	10	0	0	50	53
53	75	24	P	north	Grand River	Seeley	1	1,038		10	7.5	4.5	0	2	7	2	0	7	10	0	0	50	53
53	173	36	S	west	Haggerty	Eight Mile	1	349	Big Boy Restaurant	0	0	13.5	0	4	3.5	0	14	0	15	0	0	50	53
56	21b	13	P	south	Twelve Mile	Energy Way	1	335	Haggerty	15	7.5	9	6	2	0	2	0	7	0	0	0	48.5	56
56	31a	15	S	south	Twelve Mile	Cabaret Dr	1	2,035	Hino Motors (railroad)	15	7.5	0	0	4	7	0	0	0	10	5	0	48.5	56
56	87	26	S	north	Nine Mile	Meadowbrook	1	2,128	Venture	0	0	4.5	6	0	7	0	14	10	5	0	48.5	56	
56	112	33	S	east	Beck	Nine Mile	2	1,114	City Limits	10	15	4.5	0	0	0	0	14	5	0	0	48.5	56	
60	37b	16	S	north	Eleven Mile	Mandalay Cir E	1	496	Taft	0	0	9	6	2	0	4	7	15	5	0	48	60	
61	97a	29	P	west	Beck	Nine Mile	1	858	Cheltenham	15	7.5	4.5	0	0	3.5	4	0	7	5	0	0	46.5	61
61	98a	29	S	north	Nine Mile	Kensington	1	2,589	Vasilios Court	0	0	4.5	6	0	0	0	14	7	10	5	0	46.5	61
61	98b	29	S	north	Nine Mile	Vasilios Court	2	2,167	ITC Pathway	0	0	4.5	6	0	0	0	14	7	10	5	0	46.5	61
64	35	15	S	east	Taft	Eleven Mile	2	1,648	Grand River	0	0	9	0	4	7	4	0	7	10	5	0	46	64
65	17	11	S	east	Old Novi	Linhart Avenue	1	1,611	Thirteen Mile	5	0	4.5	12	2	0	0	0	7	15	0	0	45.5	65
66	60	22	P	south	Eleven Mile	Clark	1	244	Creek Crossing	0	0	9	0	0	7	4	0	14	5	5	0	44	66
66	78a	24	P	south	Grand River	Meadowbrook	1	1,967	Joseph	10	7.5	4.5	6	2	7	0	0	7	0	0	0	44	66
68	31b	16	S	south	Twelve Mile	Hino Motors	1	1,449	West Park Drive	15	7.5	0	0	4	7	0	0	0	5	5	0	43.5	68
69	37a	16	S	north	Eleven Mile	Beck	3	2,392	Mandalay Cir E	0	0	9	6	0	0	4	7	7	5	5	0	43	69



TABLE 4.5: Proposed Adjacent to Major Roads Pathway and Sidewalk Segments: Tier 1 Category Rankings

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TIER 1 CATEGORIES																								
OVERALL SEGMENT RANK	Segments with pathways or sidewalks on most of the opposite side of the street - <i>note that these segments may be critical for system connectivity &amp; must be analyzed separately for connectivity</i>							Short Segments (400 ft or less)	CIP Budget Year	points available per category												TOTAL TIER 1 POINTS	TIER 1 RANKING	
	Segments which would require construction of a highway crossing or railroad crossing for completion									5 points = 1 accident	0 = <10K ADTs*, 5 = 10K-20K ADTs 10 = >20K ADTs	4.5 = 1 school	4 = 1 park	3.5 = 1 hotel	3.5 = 1 shopping area	3.5 = 1 places of worship	3.5 = connecte d to neighboring sidewalk system	0 = low density 8 = medium density 16 = high density	5 = 1/2 to 1 mile	5 = top 15 survey responses, resident petitions & documented segments requested by groups & govt agencies	20 = initial investment			
	Deferred segments until construction due to previous Council action: 80b, 121a									10 = 2 accidents	Then multiplied by 1<35mph, 1.2 for 35-40mph & 1.5 for >=45 mph	9 = 2+ schools	8 = 2+ parks	7 = 2+ hotels	7 = 2+ shopping areas	7 = 2+ places of worship	7 = connecte d to regional trail system	10 = 1 to 2 mile	15 =over 2 mile	15 = major corridor				
Segment Item #	Section #	S = 6 ft. sidewalk P = 8 ft. pathway	Side of the Street	Location	From	To	# of Pieces in Segment	Segment Length (ft.)	Notes	BICYCLE & PEDESTRIAN ACCIDENTS (intersection accidents only included when sidewalk or pathway connection is missing (1/98 to 9/14)	TRAFFIC SAFETY (ADT) 2010 Non-Motorized MP & Traffic Speed	ACCESS TO SCHOOLS (# elem & intermediate schools within 1 mile); (# middle & high schools within 2 miles); (# private schools over 100 students within 2 miles)	ACCESS TO PARKS (# within 1 mile)	ACCESS TO HOTELS (# hotels within 1 mile)	ACCESS TO SHOPPING (# shopping areas within 1 mile)	ACCESS TO PLACES OF WORSHIP (# places of worship within 1 mile)	CONNECTED TO NEIGHBORING SIDEWALK/ REGIONAL TRAIL SYSTEM	POPULATION SERVED	SEGMENT COMPLETION	CONSIDERABLE PUBLIC INTEREST	NON-MOTORIZED MASTER PLAN			
85	78c	24	P	south	Grand River	Olde Orchard	Karim	1	279		10	7.5	4.5	0	0	7	0	0	7	0	0	0	36	85
85	78d	24	P	south	Grand River	Karim	Haggerty	1	383		10	7.5	4.5	0	0	7	0	0	7	0	0	0	36	85
85	116a	34	P	south	Nine Mile	Chelsea	Center	1	2,183		5	0	0	0	7	0	0	14	5	5	0	0	36	85
90	11	9	S	north	Twelve Mile	Novi Concrete	West Park	1	1,334		0	7.5	0	0	2	0	0	0	5	5	15	0	34.5	90
90	12b	9	S	north	Twelve Mile	Liberty Park	Liberty Park	1	349		10	7.5	0	0	2	0	0	0	10	5	0	0	34.5	90
90	104	31	P	east	Napier	Eight Mile	Community Sports Park	1	2,552		0	0	0	12	0	3.5	0	14	0	5	0	0	34.5	90
90	110a	32	P	west	Beck	Eight Mile	Casa Loma	1	1,473		10	15	4.5	0	0	0	0	0	5	0	0	0	34.5	90
94	110b	32	P	west	Beck	Casa Loma	Nine Mile	2	1,257		10	15	9	0	0	0	0	0	0	0	0	0	34	94
95	113a	33	P	south	Nine Mile	Beck	Barclay	1	641		5	0	4.5	0	0	0	0	14	5	5	0	0	33.5	95
95	113b	33	P	south	Nine Mile	Galway	Anna Maria	1	1,537		5	0	4.5	0	0	0	0	14	5	5	0	0	33.5	95
97	114b	34	S	east	Taft	Nine Mile	Byrne	1	1,423		0	0	9	0	0	0	0	14	10	0	0	0	33	97
98	159	19	S	north	Ten Mile	Oak Point Church	Oak Point Church	1	301		0	7.5	4.5	0	0	0	2	0	3.5	15	0	0	32.5	98
99	1a	1	S	south	Fourteen Mile	Haggerty Rd.	M-5	1	1,659		0	7.5	0	0	0	0	2	0	7	10	5	0	31.5	99
99	1c	1	S	north	Fourteen Mile	Berkshire	M-5 (crossing)	1	347		0	7.5	0	0	0	0	2	0	7	10	5	0	31.5	99
99	49	19	S	north	Ten Mile	Wixom	Island Lake	1	203		0	7.5	0	0	0	0	2	0	7	15	0	0	31.5	99
102	26	13	S	north	Eleven Mile	Campus Tech	Seeley	1	966		0	0	4.5	0	2	3.5	0	7	14	0	0	0	31	102
102	101b	30	P	east	Napier	Ten Mile	Links of Novi	1	1,015		0	0	0	12	0	0	0	0	5	0	0	0	31	102
102	102a	30	S	north	Nine Mile	Napier	W of Evergreen Ct	2	3,012		0	0	0	12	0	0	0	0	5	0	0	0	31	102

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	Segments which would require construction of a highway crossing or railroad crossing for completion									5 points = 1 accident	0 = <10K ADTs", 5 = 10K-20K ADTs 10 = >20K ADTs	4.5 = 1 school	4 = 1 park	3.5 = 1 hotel	3.5 = 1 shopping area	3.5 = 1 places of worship	3.5 = connecte d to neighboring sidewalk system	0 = low density 8 = medium density 16 = high density	5 = 1/2 to 1 mile	5 = top 15 survey responses, resident petitions & documented segments requested by groups & govt agencies	20 = initial investme nt			
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105	163	3	P north	South Lake	Lakeshore Park	Landings Park	1	1,180		0	0	4.5	12	0	0	0	0	14	0	0	0	30.5	10	
105	164	3	P south	South Lake	Lakeshore Park	Elm	1	720		0	0	4.5	12	0	0	0	0	14	0	0	0	30.5	10	
105	74	24	S east	Seeley	Eleven Mile	Grand River	1	2,655		0	0	4.5	0	0	7	0	0	14	5	0	0	30.5	10	
108	106b	31	P west	Garfield	Deer Run	Nine Mile	1	2,659		5	0	0	6	0	0	0	14	0	5	0	0	30	10	
109	12a	9	S north	Twelve Mile	West Park (railroad)	Liberty Park	1	1,838			7.5	0	0	2	0	0	0	0	15	5	0	0	29.5	10
110	34	15	S north	Eleven Mile	Clark	Taft	2	2,770		0	0	9	0	2	7	4	0	7	0	0	0	29	11	
111	113c	33	P south	Nine Mile	Anna Maria	Taft	1	410		5	0	4.5	0	0	0	0	0	14	0	5	0	28.5	11	
112	77a	24	S west	Haggerty	Regency Lot 7	Section Line	1	1,037		5	7.5	0	0	0	7	0	0	7	0	0	0	26.5	11	
113	20b	12	S west	Haggerty	29199 Haggerty Rd	29199 Haggerty Rd	4	188		0	0	6.75	6	0	3.5	0	0	0	5	5	0	0	26.3	11
114	165	3	P south	South Lake	Henning	Lakeshore Park	1	2,160		0	0	0	12	0	0	0	0	14	0	0	0	26	11	
114	162b	3	S north	South Lake	E of Lilley Trail	Lakeshore Park	1	3,182		0	0	0	12	0	0	0	0	14	0	0	0	26	11	
114	107	31	P south	Nine Mile	Garfield	Hillside	3	4,157		0	0	0	12	0	0	0	14	0	0	0	0	26	11	
117	8	4	P west	West Park	Bristol Corners	West	2	1,648		0	0	0	6	0	0	0	0	14	5	0	0	25	11	
118	114a	34	S east	Taft	Byrne	City Limits	1	1,113		0	0	9	0	0	0	0	0	14	0	0	0	23	11	
119	14b	10	S north	Twelve Mile	Stoneridge	end of adjacent parcel	1	329		5	0	0	0	4	7	0	0	0	5	0	0	0	21	11
119	155	30	P south	Ten Mile	Links of Novi		1	1,693		0	7.5	0	6	0	0	4	0	3.5	0	0	0	21	11	
119	172	35	P west	Griswold	Eight Mile	City Limits	1	727		5	0	9	0	0	0	0	0	7	0	0	0	21	11	

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122	2a	1	S	west	Haggerty	Berkshire	39500 Mackenzie Dr	1	1,518		0	7.5	0	0	0	0	0	7	5	0	0	19.5	1		
122	2b	1	S	west	Haggerty	Thirteen Mile	39525 McKenzie Drive	1	424		0	7.5	0	0	0	0	0	7	5	0	0	19.5	1		
122	2c	1	S	west	Haggerty	Speedway	50-22-01-200-039	1	215		0	7.5	0	0	0	0	0	7	5	0	0	19.5	1		
122	158	30	P	east	Napier	Links of Novi		1	1,321		0	0	12	0	0	4	0	3.5	0	0	0	19.5	1		
126	20a	12	S	west	Haggerty	39600 Lewis Dr	Twelve Mile		1,795		0	7.5	4.5	0	2	0	0	0	5	0	0	19	1		
127	108a	32	S	east	Garfield	Eight Mile	Chianti	1	1,941		5	0	0	6	0	0	7	0	0	0	0	18	1		
127	108b	32	S	east	Garfield	Chianti	Nine Mile	1	3,558		5	0	0	6	0	0	7	0	0	0	0	18	1		
129	106a	31	P	west	Garfield	Eight Mile	Deer Run	1	3,006		5	0	0	6	0	0	0	0	5	0	0	16	1		
130	167	9	P	south	West	West Park	City Limits	1	1,312		0	0	0	6	0	3.5	0	0	5	0	0	14.5	1		
131	156	30	P	south	Ten Mile	50577 Ten Mile Road	50155 Ten Mile Road	1	1,007		0	7.5	0	0	0	0	2	0	3.5	0	0	0	13	1	
131	157	30	P	south	Ten Mile	50155 Ten Mile Road	200' west of Wixom	1	1,709		0	7.5	0	0	0	0	2	0	3.5	0	0	0	13	1	
133	100a	30	P	south	Ten Mile	Wixom	Fire Station 4 Parkland	4	143		0	7.5	0	0	0	0	2	0	0	0	0	0	9.5	1	
133	100b	30	P	south	Ten Mile	50155 TEN MILE RD		1	148		0	7.5	0	0	0	0	2	0	0	0	0	0	9.5	1	
133	100c	30	P	south	Ten Mile	50577 TEN MILE RD		1	148		0	7.5	0	0	0	0	2	0	0	0	0	0	9.5	1	
133	100d	30	P	south	Ten Mile	51395 TEN MILE RD	Napier	1	147		0	7.5	0	0	0	0	2	0	0	0	0	0	9.5	1	
137	166	4	P	north	West	Hudson	City Limits	1	354		0	0	0	6	0	0	0	0	0	0	0	0	6	1	
137	170	4	S	north	West	West Park	American Interiors	1	389		0	0	0	6	0	0	0	0	0	0	0	0	6	1	
Total Length in feet for all missing segments in the City as of 2019								199,925																	



TABLE 4.6 Proposed Adjacent to Major Roads Pathway and Sidewalk Segments: Tier 2 Category Rankings																				Top 20 Tier 1 segments are reviewed against a set of Tier 2 criteria & assigned points based on financial considerations to give priority to segments that provide more economical value														
OVERALL SEGMENT RANK	Segments with pathways or sidewalks on most of the opposite side of the street - note that these segments may be critical for system connectivity & must be analyzed separately for connectivity																			TIER 2 CATEGORIES Criteria Points (only top 20 Tier 1 segments receive tier 2 points)										TOTALS				
	Segments which would require construction of a highway crossing or railroad crossing for completion																			points available per category										TOTAL TIER 1 POINTS				TIER 1 RANKING
	Segment Item #	Section #	S= 6 ft. sidewalk P= 8 ft. pathway	Side of the Street	Location	From	To	# of Pieces in Segment	Segment Length (ft.)	Notes	EASE OF CONSTRUCTION (easy/hard)	RIGHT-OF-WAY AVAILABILITY (based on % available)	OTHER FUNDING SOURCES (based on % available)	SIDEWALK OR PATHWAY (road < 12,000 ADT & 35 mph < existing or planned with higher priority ranking)	PRIVATE DEVELOPMENT POTENTIAL	EVIDENCE OF EXTENSIVE PEDESTRIAN USE 0 = No Evidence; 10 = Worn Path																		
1	80b	24	S	north	Ten Mile	Meadowbrook	Willowbrook Estates	1	198		8	13.5	0	0	8.0	0	29.5	127	1	8	13.5													
2	81a	25	P	south	Ten Mile	Meadowbrook	Willowbrook	1	2,529		8	13.5	0	-20	8.0	10	19.5	111	2	8	13.5													
3	18a	11	S	north	Twelve Mile	Twelve Oaks	Meadowbrook	2	2,613		8	13.5	0	-20	8.0	0	9.5	97	6	8	13.5													
4	81b	25	P	south	Ten Mile	Willowbrook	Haggerty	3	2,634		8	13.5	0	-20	8.0	10	19.5	106.5	3	8	13.5													
5	90	26	P	south	Ten Mile	Maly Dental	Novi Ridge Apartments	1	2,122	23-24	0	4.5	0	-20	8.0	0	-7.5	76	15	0	4.5													
6	38	16	S	east	Beck	Grand River	Eleven Mile	1	2,234	23-24	0	0	0	0	8.0	11	19	100.5	4	0	0													
7	99a	29	P	south	Ten Mile	Wixom	400' E of Lynwood	2	2,739	23-24	8	4.5	0	-10	8.0	0	10.5	91.5	9	8	4.5													
8	93b	27	S	north	Nine Mile	Plaisance	Taft	2	619	23-24	0	4.5	0	0	4.0	10	18.5	96.5	7	0	4.5													
9	66	23	P	south	Grand River	Sixth Gate	Main Street	2	293	20-21	16	0	0	0	4.0	0	20	97.5	5	16	0													
10	93a	27	S	north	Nine Mile	Novi Rd.	Plaisance	1	1,122	23-24	0	0	0	0	8.0	0	8	85	12	0	0													
11	68	23	P	south	Grand River	Funeral Home	Meadowbrook	1	457		16	13.5	0	-20	0.0	0	9.5	85.5	11	16	13.5													
12	58a	21	S	east	Beck	Ashley	Cider Mill	1	1,228		0	0	0	-20	8.0	2	-10	64	20	0	0													
13	58b	21	S	east	Beck	Cider Mill	Sierra	1	2,553		0	0	0	-10	8.0	1	-1	73	16	0	0													
14	84a	25	S	east	Meadowbrook	Ten Mile	Chattman	1	2,323	23-24	8	18	0	-20	8.0	0	14	84	13	8	18													
15	18b	11	S	north	Twelve Mile	Novi Rd.	Twelve Oaks	1	2,027		8	0	0	-20	8.0	1	-3	66	19	8	0													
16	84b	25	S	east	Meadowbrook	Nine Mile	Chattman	1	2,380	23-24	8	18	0	-20	8.0	0	14	83	14	8	18													
17	82b	25	S	west	Haggerty	Pavilion Ct Apartments	Nine Mile	1	539		0	0	0	-10	8.0	4	2	69	18	0	0													
18	153	36	S	east	Haggerty	City limits	Taco Bell	1	501		8	13.5	0	0	8.0	0	29.5	96	8	8	13.5													
19	72	23	P	north	Grand River	Town Center	Amstaff building	1	677		16	4.5	4.5	-20	0.0	2	7	70.5	17	16	4.5													
20	121a	36	P	south	Nine Mile	Meadowbrook	Sunrise	1	2,899		0	0	0	-20	8.0	3	-9	54.5	22	0	0													
21	64	22	S	east	Taft	Ten Mile	Eleven Mile	2	4,218	23-24	8	4.5	0	-20	4.0	4	0.5	61.5	21	8	4.5													
22	21a	13	P	south	Twelve Mile	Meadowbrook	Energy Way	2	3,451		0	18	0	0	8.0	5	31	91.5	22	0	18													
Total Length in feet									40,356																									

## **Attachment A**

### Summary of Updates to the Pathway and Sidewalk Prioritization Worksheet

**SUMMARY OF UPDATES TO THE LIST OF MISSING SEGMENTS (BY SECTION)**

	Segments less than 400 feet
	Further split into multiple segments for reasons listed under 'Notes'
	Segment includes a Highway or a Railroad crossing
	Full or partial sidewalks on the other side of the street
	Assigned CIP Year
	Deferred until construction
Text in Red	Updated based on current changes

Notes	2018-19 Rank	2019-20 Rank	Segment Item #	S= 6 ft. P= 8 ft.	Side of Street	Location	From	To	# of Pieces	Segment Length (ft.) excluding Developer Planned & Completed Pieces	CIP YEAR
<b>SECTION 1</b>									<b>7</b>	<b>5,953</b>	
Split into 2	97	100	1a	S	south	Fourteen Mile	Haggerty Rd.	M-5	1	1,659	
Remaining piece west of Berkshire project till M-5		100	1b	S	north	Fourteen Mile	Berkshire	M-5 (crossing)	1	347	
	114	123	2b	S	west	Haggerty	Thirteen Mile	39525 McKenzie Drive	1	424	
Split into 2; 2c is the remaining piece between Berkshire and Speedway project	114	123	2a	S	west	Haggerty	Berkshire	39500 Mackenzie Dr	1	1,518	
		123	2c	S	west	Haggerty	Speedway	50-22-01-200-039	1	215	
Split into 2; Segment 3 had two pieces which are far apart	77	78	3a	S	north	Thirteen Mile	Haggerty Rd.	39550 Thirteen Mile Rd	1	278	
		78	3b	S	north	Thirteen Mile	Cabot Drive	M-5 (crossing)	1	1,512	
<b>SECTION 3</b>									<b>5</b>	<b>9,242</b>	

Notes	2018-19 Rank	2019-20 Rank	Segment Item #	S= 6 ft. P= 8 ft.	Side of Street	Location	From	To	# of Pieces	Segment Length (ft.) excluding Developer Planned & Completed Pieces	CIP YEAR
	90	106	163	P	north	South Lake	Lakeshore Park	Landings Park	1	1,180	
	90	106	164	P	south	South Lake	Lakeshore Park	Elm	1	720	
	102	115	165	P	south	South Lake	Henning	Lakeshore Park	1	2,160	
	73	74	162a	S	north	South Lake	West Park	E of Lilley Trail	1	2,000	
	102	115	162b	S	north	South Lake	E of Lilley Trail	Lakeshore Park	1	3,182	
<b>SECTION 4</b>									<b>6</b>	<b>4,589</b>	
	105	118	8	P	west	West Park	Bristol Corners	West	2	1,648	
	125	138	166	P	north	West	Hudson	City Limits	1	354	
	125	138	170	S	north	West	West Park	American Interiors	1	389	
Split into 2; ; Segment 6 had two pieces which are far apart	25	27	6a	P	west	West Park	Pontiac Trail	45182 West Park Dr	1	418	
		27	6b	P	west	West Park	45182 West Park Dr	Bristol Corners	1	1,780	
<b>SECTION 9</b>									<b>4</b>	<b>4,833</b>	
	82	91	11	S	north	Twelve Mile	Novi Concrete	West Park	1	1,334	
	120	131	167	P	south	West	West Park	City Limits	1	1,312	
	107	91	12a	S	north	Twelve Mile	West Park (railroad)	Liberty Park	1	1,838	
	86	110	12b	S	north	Twelve Mile	Liberty Park	Liberty Park	1	349	
<b>SECTION 10</b>									<b>2</b>	<b>1,326</b>	
	101	86	14a	S	north	Twelve Mile	Carlton Forest	BP	1	997	
	112	120	14b	S	north	Twelve Mile	Stoneridge	end of adjacent parcel	1	329	

Notes	2018-19 Rank	2019-20 Rank	Segment Item #	S= 6 ft. P= 8 ft.	Side of Street	Location	From	To	# of Pieces	Segment Length (ft.) excluding Developer Planned & Completed Pieces	CIP YEAR
<b>SECTION 11</b>									<b>4</b>	<b>6,251</b>	
	72	66	17	S	east	Old Novi	Linhart Avenue	Thirteen Mile	1	1,611	
	7	3	18a	S	north	Twelve Mile	Twelve Oaks	Meadowbrook	2	2,613	
	20	15	18b	S	north	Twelve Mile	Novi Rd.	Twelve Oaks	1	2,027	
<b>SECTION 12</b>									<b>4</b>	<b>4,602</b>	
Split into 2; One segment involved ITC corridor, other involves a highway crossing	34	52	19a	S	north	Twelve Mile	27925 Summit Dr	40020 Twelve Mile Rd	1	2,519	
		52	19b	S	north	Twelve Mile	ITC Corridor		1	100	
Split into 2; Segment 20 had three pieces which are far apart	118	114	20a	S	west	Haggerty	39600 Lewis Dr	Twelve Mile		1,795	
		127	20b	S	west	Haggerty	29199 Haggerty Rd	29199 Haggerty Rd	4	188	
<b>SECTION 13</b>									<b>6</b>	<b>8,938</b>	
Split into 2; Two pieces are far apart and one of them involves a highway crossing	42	43	25a	S	west	Haggerty	Twelve Mile	Novi Research Park	1	1,019	
		43	25b	S	west	Haggerty	Novi Research Park	section line	1	3,167	
	88	103	26	S	north	Eleven Mile	Campus Tech	Seeley	1	966	
	88	22	21a	P	south	Twelve Mile	Meadowbrook	Energy Way	2	3,451	
	39	57	21b	P	south	Twelve Mile	Energy Way	Haggerty	1	335	
<b>SECTION 14</b>									<b>6</b>	<b>5,889</b>	
Part of segment is part of Chick-Fil-A which is under review	63	71	28	P	east	Novi Rd.	south Twelve Oaks entrance	North Twelve Oaks entrance	2	988	
	52	24	168	P	east	Novi Rd.	across 96		1	1,957	

Notes	2018-19 Rank	2019-20 Rank	Segment Item #	S= 6 ft. P= 8 ft.	Side of Street	Location	From	To	# of Pieces	Segment Length (ft.) excluding Developer Planned & Completed Pieces	CIP YEAR
	36	40	30a	P	west	Meadowbrook	26901 Meadowbrook Rd	41500 Gardenbrook Rd(I-96 Crossing)	1	2,034	
	44	54	30b	P	west	Meadowbrook	27551 Meadowbrook Rd	27421 Meadowbrook Rd	2	910	
<b>SECTION 15</b>									<b>10</b>	<b>7,929</b>	
	39	38	33	S	west	Novi Rd.	I-96	Crescent	2	840	
	74	111	34	S	north	Eleven Mile	Clark	Taft	2	2,770	
	58	65	35	S	east	Taft	Eleven Mile	Grand River	2	1,648	
	79	84	149	P	east	Clark	Eleven Mile	Grand River	1	601	
		35	32a	S	west	Novi Rd.	Twelve Mile	West Oaks	2	1,347	
		40	32b	S	west	Novi Rd.	I-96 north side	I-96 south side	1	723	
<b>SECTION 16</b>									<b>11</b>	<b>12,152</b>	
Split into 2; Two pieces are far apart, along two different roads and one of them involves a highway crossing; 169b was redrawn to keep within the City limits	31	47	169a	P	south	Twelve Mile	46675 Twelve Mile Rd	I-96	1	2,357	
		47	169b	P	west	Beck/I-96	I-96 ROW		2	1,189	
Split into 2; Two pieces are far apart and one of them involves a railroad crossing	50	57	31a	S	south	Twelve Mile	Cabaret Dr	Hino Motors (railroad crossing)	1	2,035	
		69	31b	S	south	Twelve Mile	Hino Motors	West Park Drive	1	1,449	
	65	70	37a	S	north	Eleven Mile	Beck	Mandalay Cir E	4	2,392	
	62	61	37b	S	north	Eleven Mile	Mandalay Cir E	Taft	1	496	
	4	6	38	S	east	Beck	Grand River	Eleven Mile	1	2,234	23-24

Notes	2018-19 Rank	2019-20 Rank	Segment Item #	S= 6 ft. P= 8 ft.	Side of Street	Location	From	To	# of Pieces	Segment Length (ft.) excluding Developer Planned & Completed Pieces	CIP YEAR
<b>SECTION 17</b>									<b>7</b>	<b>3,040</b>	
	58	51	40	P	south	Grand River	Providence Hospital	Wixom	3	843	
	44	39	41	S	east	Wixom	Target	Deerfield Elementary	2	1,516	
	53	46	150	s	north	Grand River	Sams Way	Providence	2	681	
<b>SECTION 18</b>									<b>1</b>	<b>2,626</b>	
	48	33	44	P	east	Napier	Knights Bridge	Island Lake	1	2,626	
<b>SECTION 19</b>									<b>2</b>	<b>504</b>	
	111	100	49	S	north	Ten Mile	Wixom	Island Lake	1	203	
	118	99	159	S	north	Ten Mile	Oak Point Church	Oak Point Church	1	301	
<b>SECTION 20</b>									<b>5</b>	<b>5,722</b>	
	39	50	51	S	north	Ten Mile	Dinser	Woodham	1	1,799	23-24
	27	29	52a	P	south	Eleven Mile	Wixom	E side ITC Corridor	2	2,566	
	31	35	52b	P	south	Eleven Mile	Oberlin	Bosco	1	641	
	44	47	52c	P	south	Eleven Mile	Beck	Entrance to Bosco Park	1	716	
<b>SECTION 21</b>									<b>2</b>	<b>3,781</b>	
	21	12	58a	S	east	Beck	Ashley	Cider Mill	1	1,228	
	18	12	58b	S	east	Beck	Cider Mill	Sierra	1	2,553	
<b>SECTION 22</b>									<b>3</b>	<b>4,462</b>	
	49	67	60	P	south	Eleven Mile	Clark	Creek Crossing	1	244	

Notes	2018-19 Rank	2019-20 Rank	Segment Item #	S= 6 ft. P= 8 ft.	Side of Street	Location	From	To	# of Pieces	Segment Length (ft.) excluding Developer Planned & Completed Pieces	CIP YEAR
	23	21	64	S	east	Taft	Ten Mile	Eleven Mile	2	4,218	23-24
<b>SECTION 23</b>									<b>4</b>	<b>1,427</b>	
	6	9	66	P	south	Grand River	Sixth Gate	Main Street	2	293	20-21
Will be timed when the private developer builds Jaguar	15	11	68	P	south	Grand River	Funeral Home	Meadowbrook	1	457	
Part of Sakura Way project, which is under review	27	19	72	P	north	Grand River	Town Center	Amstaff building	1	677	
<b>SECTION 24</b>									<b>12</b>	<b>10,405</b>	
	96	106	74	S	east	Seeley	Eleven Mile	Grand River	1	2,655	
	55	54	75	P	north	Grand River	Seeley	Meadowbrook	1	1,038	
Split into 2; Segment 77 had two pieces which are far apart	81	113	77a	S	west	Haggerty	Regency Lot 7	Section Line	1	1,037	
		85	77b		west	Haggerty	Grand River	Regency Lot 7	1	499	
	54	67	78a	P	south	Grand River	Meadowbrook	Joseph	1	1,967	
	74	86	78b	P	south	Grand River	Joseph	Bashian	1	290	
	74	86	78c	P	south	Grand River	Olde Orchard	Karim	1	279	
	58	86	78d	P	south	Grand River	Karim	Haggerty	1	383	
Split into 2; Segment 79 had three pieces which are far apart; One involves wetlands	38	29	79a	S	east	Meadowbrook	Ten Mile	Clermont Ave	1	526	
		29	79b	S	east	Meadowbrook	Clermont Avenue	Scarborough Lane	1	661	
		29	79c	S	east	Meadowbrook	Scarborough Lane	Grand River	1	872	
	1	1	80b	S	north	Ten Mile	Meadowbrook	Willowbrook Estates	1	198	



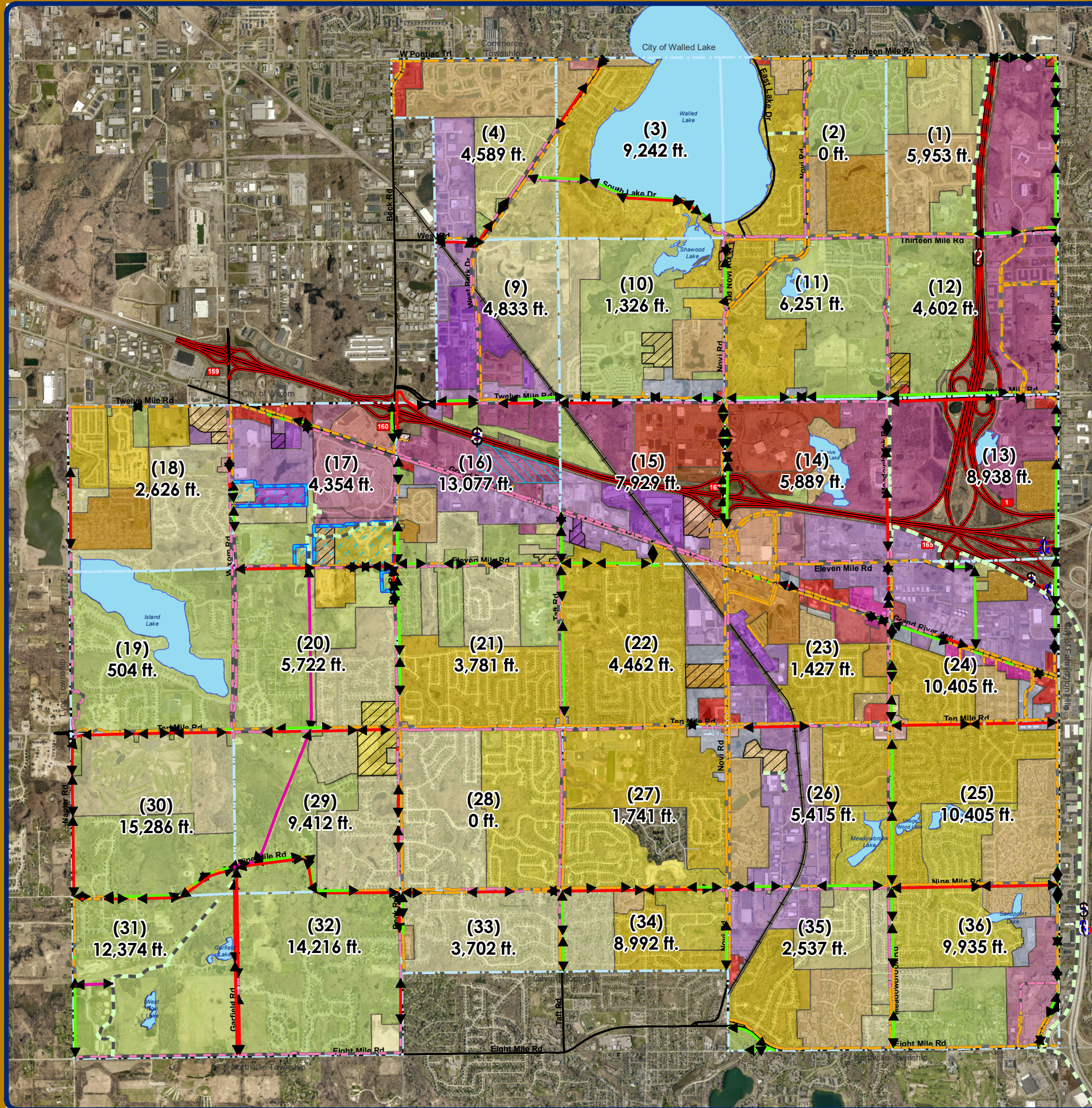
Notes	2018-19 Rank	2019-20 Rank	Segment Item #	S= 6 ft. P= 8 ft.	Side of Street	Location	From	To	# of Pieces	Segment Length (ft.) excluding Developer Planned & Completed Pieces	CIP YEAR
<b>SECTION 25</b>									<b>7</b>	<b>10,405</b>	
	3	2	81a	P	south	Ten Mile	Meadowbrook	Willowbrook	1	2,529	
	2	4	81b	P	south	Ten Mile	Willowbrook	Haggerty	3	2,634	
	19	17	82b	S	west	Haggerty	Pavilion Ct Apartments	Nine Mile	1	539	
	12	14	84a	S	east	Meadowbrook	Ten Mile	Chattman	1	2,323	23-24
	10	15	84b	S	east	Meadowbrook	Nine Mile	Chattman	1	2,380	23-24
<b>SECTION 26</b>									<b>3</b>	<b>5,415</b>	
	50	57	87	S	north	Nine Mile	Meadowbrook	Venture	1	2,128	
	31	35	88	S	north	Nine Mile	RR crossing	Shiro	1	1,165	23-24
	17	5	90	P	south	Ten Mile	Maly Dental	Novi Ridge Apartments	1	2,122	23-24
<b>SECTION 27</b>									<b>3</b>	<b>1,741</b>	
	13	10	93a	S	north	Nine Mile	Novi Rd.	Plaisance	1	1,122	23-24
	8	8	93b	S	north	Nine Mile	Plaisance	Taft	2	619	23-24
<b>SECTION 29</b>									<b>7</b>	<b>9,412</b>	
	61	62	97a	P	west	Beck	Nine Mile	Cheltenham	1	858	
	27	22	97b	P	west	Beck	Cheltenham	Iriquois	1	1,059	
	55	62	98a	S	north	Nine Mile	Kensington	Vasilios Court	1	2,589	
	55	62	98b	S	north	Nine Mile	Vasilios Court	ITC Pathway	2	2,167	
	14	7	99a	P	south	Ten Mile	Wixom	400' E of Lynwood	2	2,739	23-24

Notes	2018-19 Rank	2019-20 Rank	Segment Item #	S = 6 ft. P = 8 ft.	Side of Street	Location	From	To	# of Pieces	Segment Length (ft.) excluding Developer Planned & Completed Pieces	CIP YEAR
<b>SECTION 30</b>									<b>18</b>	<b>15,286</b>	
	108	120	155	P	south	Ten Mile	Links of Novi		1	1,693	
	122	132	156	P	south	Ten Mile	50577 Ten Mile Road	50155 Ten Mile Road	1	1,007	
	122	132	157	P	south	Ten Mile	50155 Ten Mile Road	Fire Station 4 Parkland	1	1,709	
	112	123	158	P	east	Napier	Links of Novi		1	1,321	
Split into 4; each piece of previous segment fronts a different single family property and are far apart	122	134	100a	P	south	Ten Mile	Wixom	Fire Station 4 Parkland	4	143	
		134	100b	P	south	Ten Mile	50155 Ten Mile Road		1	148	
		134	100c	P	south	Ten Mile	50577 Ten Mile Road		1	148	
		134	100d	P	south	Ten Mile	51395 Ten Mile Road	Napier	1	147	
	93	80	101a	P	east	Napier	Ten Mile	Links of Novi	1	1,015	
	86	103	101b	P	east	Napier	Links of Novi	Nine Mile	1	4,127	
	93	103	102a	S	north	Nine Mile	Napier	W of Evergreen Ct	2	3,012	
	93	72	102b	S	north	Nine Mile	E of Evergreen Ct	Garfield	3	816	
<b>SECTION 31</b>									<b>6</b>	<b>12,374</b>	
	82	91	104	P	east	Napier	Eight Mile	Community Sports Park	1	2,552	
	102	115	107	P	south	Nine Mile	Garfield	Hillside	3	4,157	
	121	130	106a	P	west	Garfield	Eight Mile	Deer Run	1	3,006	
	97	109	106b	P	west	Garfield	Deer Run	Nine Mile	1	2,659	
<b>SECTION 32</b>									<b>8</b>	<b>13,816</b>	

Notes	2018-19 Rank	2019-20 Rank	Segment Item #	S = 6 ft. P = 8 ft.	Side of Street	Location	From	To	# of Pieces	Segment Length (ft.) excluding Developer Planned & Completed Pieces	CIP YEAR
	114	128	108a	S	east	Garfield	Eight Mile	Chianti	1	1,941	
	114	128	108b	S	east	Garfield	Chianti	Nine Mile	1	3,558	
	82	91	110a	P	west	Beck	Eight Mile	Casa Loma	1	1,473	
	79	95	110b	P	west	Beck	Casa Loma	Nine Mile	2	1,257	
	65	74	111a	P	south	Nine Mile	Beck	Garfield Conservation area	1	2,654	
	65	74	111b	P	west	Nine Mile	Garfield Conservation area	Vasilios Court	1	1,224	
	65	74	111c	P	south	Nine Mile	Vasilios Court	ITC Pathway	1	1,709	
<b>SECTION 33</b>									<b>5</b>	<b>3,702</b>	
	44	57	112	S	east	Beck	Nine Mile	City Limits	2	1,114	
	97	96	113a	P	south	Nine Mile	Beck	Barclay	1	641	
	85	96	113b	P	south	Nine Mile	Galway	Anna Maria	1	1,537	
	97	112	113c	P	south	Nine Mile	Anna Maria	Taft	1	410	
<b>SECTION 34</b>									<b>5</b>	<b>8,992</b>	
	36	40	115	S	west	Novi Rd.	Timber Ridge development	City Limits	1	1,591	
	106	119	114a	S	east	Taft	Byrne	City Limits	1	1,113	
	92	98	114b	S	east	Taft	Nine Mile	Byrne	1	1,423	
	88	73	116a	P	south	Nine Mile	Chelsea	Center	1	2,183	
	77	86	116b	P	south	Nine Mile	Center	Taft	1	2,682	

Notes	2018-19 Rank	2019-20 Rank	Segment Item #	S= 6 ft. P= 8 ft.	Side of Street	Location	From	To	# of Pieces	Segment Length (ft.) excluding Developer Planned & Completed Pieces	CIP YEAR
<b>SECTION 35</b>									<b>4</b>	<b>2,537</b>	
	65	80	171	P	south	<b>Eight Mile</b>	Griswold	City Limits	1	1,439	
	108	120	172	P	west	<b>Griswold</b>	Eight Mile	City Limits	1	727	
	65	80	174	P	south	<b>Griswold</b>	Eight Mile	City Limits	1	143	
	65	80	175	P	south	<b>Eight Mile</b>	Griswold	City Limits	1	228	
<b>SECTION 36</b>									<b>7</b>	<b>9,935</b>	
	5	18	<b>153</b>	S	east	<b>Haggerty</b>	City limits	Taco Bell	1	501	
	64	54	173	S	west	<b>Haggerty</b>	Eight Mile	Big Boy Restaurant	1	349	
	16	24	<b>119a</b>	S	east	<b>Meadowbrook</b>	Nine Mile	Singh Blvd	1	1,075	21-22
	42	43	119b	S	east	<b>Meadowbrook</b>	Singh Blvd	N of Llewelyn	1	1,438	
	24	24	119c	S	east	<b>Meadowbrook</b>	Eight Mile	N of Llewelyn	1	1,191	
	22	19	<b>121a</b>	P	south	<b>Nine Mile</b>	Meadowbrook	Sunrise	1	2,899	
	34	34	121b	P	south	<b>Nine Mile</b>	Sunrise	Haggerty	1	2,482	

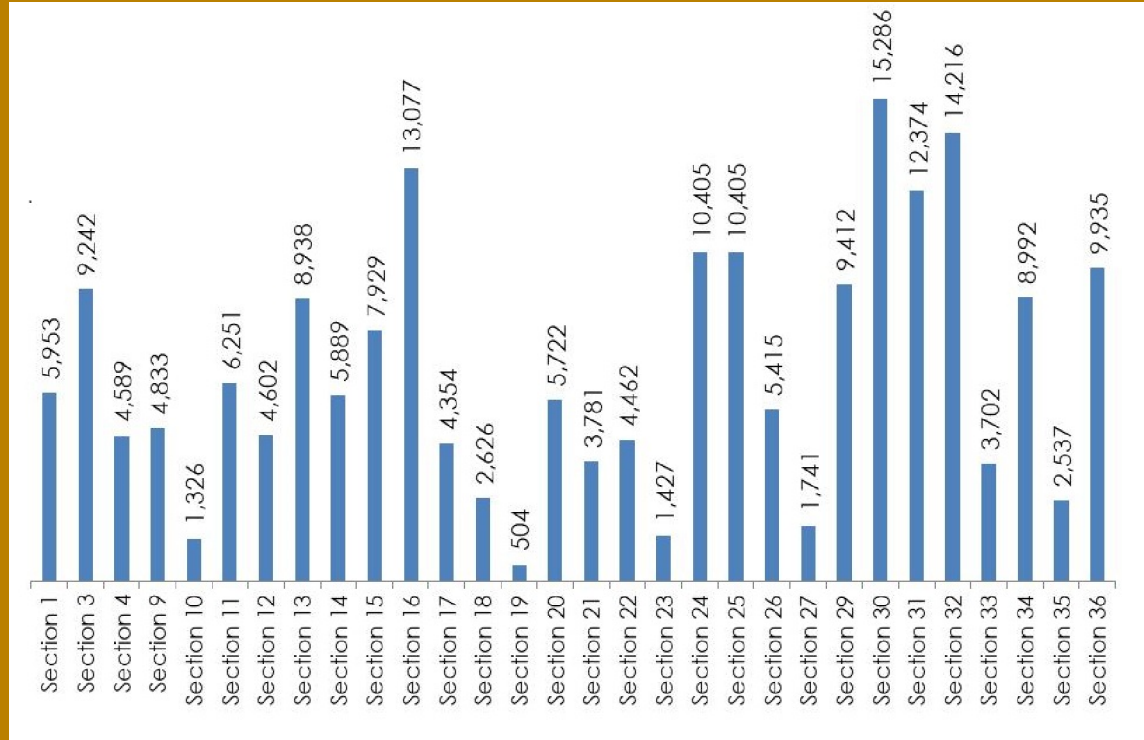
**Attachment B**  
Summary of Future Segment by Section



# Total Lengths of Future Segments by Section

**Legend**

- ◆ Future Pathway Major
- ◆ Future Sidewalk Major
- ◆ Future Pathway Multi-Use
- Existing Major Pathway
- Existing Pathway Multi-Use
- Existing Major Sidewalk
- Sections
- Freeway
- Major Streets
- R-A: Residential Acreage
- R-1: One-Family Residential
- R-2: One-Family Residential
- R-3: One-Family Residential
- R-4: One-Family Residential
- RT: Two-Family Residential
- RM-1: Low-Density Multiple-Family
- RM-2: High-Density Multiple-Family
- MH: Mobile Home
- B-1: Local Business
- B-2: Community Business
- B-3: General Business
- C: Conference
- EXPO: Expo
- GE: Gateway East
- FS: Freeway Service
- I-1: Light Industrial
- I-2: General Industrial
- NCC: Non-Center Commercial
- OS-1: Office Service
- OSC: Office Service Commercial
- OST: Office Service Technology
- EXO: OST District with EXO Overlay
- RC: Regional Center
- P-1: Vehicular Parking
- TC: Town Center
- TC-1: Town Center-1
- Exposition Overlay (EXO)
- Planned Suburban Low-Rise (PSLR)
- Planned Rezoning Overlay (PRO)



**Community Development Dept. & Integrated Solutions Team**  
 City Hall  
 45175 Ten Mile Rd  
 Novi, MI 48375  
 cityofnovi.org

Date Created: July 10, 2019; Created by : Sri Ravalli Komaragiri  
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This map complies with the National Map Accuracy Standards. The City of Novi and its Department of Information Technology assume no legal responsibility for the content and/or inappropriate use of this

**Attachment C:**

Engineering Memo on Segments Connecting To ITC Trail

# MEMORANDUM



**TO:** WALKABLE NOVI COMMITTEE  
**FROM:** KATE RICHARDSON, EIT; PLAN REVIEW ENGINEER  
**THRU:** BEN CROY, PE; CITY ENGINEER  
**SUBJECT:** ITC SIDEWALK CONNECTIONS UPDATE  
**DATE:** AUGUST 9, 2019

---

This memo provides an update on the proposed sidewalk connections to the ITC Trail. Segments 45, 51, and 159 will all be six-foot wide concrete sidewalks. Segment 49 will include a boardwalk in addition to a six-foot wide concrete sidewalk. All four segments will be added to the 2020-2021 Engineering budget. Thus construction of these sidewalks can occur in 2020-2021. Below is a more detailed update on each sidewalk segment:

### **Segment 45:**

- This 332-foot long segment is associated with the Northwest Neighborhood Park and will be built with the construction of this park.
- Segment 45 is located along Twelve Mile Road and there are no known concerns about the feasibility of construction.
- Estimated Cost: \$78,520

### **Segment 49:**

- This 203-foot long segment is located along the north side of Ten Mile Road, between Wixom Road and Island Lake and a sidewalk easement needs to be acquired prior to construction.
- There is a marsh on part of the segment which will require a boardwalk.
- Estimated Cost: \$158,578

### **Segment 51:**

- This 1,799-foot long segment is located along the north side of Ten Mile Road, between Dinser and Woodham and a sidewalk easement needs to be acquired prior to construction.
- There are no known concerns about the feasibility of construction.
- Estimated Cost: \$423,474

### **Segment 159:**

- This 301-foot long segment is located along the north side of Ten Mile Road on Oak Pointe Church property and a sidewalk easement needs to be acquired prior to construction.
- Segment 159 will be constructed with a water main extension project and there are no known concerns about the feasibility of construction.
- Estimated Cost: \$76,779

Please let me know if you have any questions or comments regarding this memorandum.



**07-11-19 Walkable Novi Committee Meeting Minutes**



**WALKABLE NOVI COMMITTEE  
DISCUSSION NOTES  
July 11, 2019 at 6:00 p.m.  
Novi Civic Center  
Mayors Conference Room  
45175 W. Ten Mile, Novi, MI 48375  
(248) 347-0475**

**CALL TO ORDER**

Meeting called to order at 6:05 p.m.

**ROLL CALL**

Present: Andrew Mutch, Dave Staudt, Julie Maday, Supriya Joshi  
Absent: John Avdoulos  
Staff Present: Sri Komaragiri, Planner, Community Development;  
Barb McBeth, City Planner, Community Development;  
Hannah Smith, Planning Assistant, Community Development;  
Jeff Muck, Director of Parks, Recreation and Cultural Services;  
Kate Richardson, Plan Review Engineer

**APPROVAL OF AGENDA**

Member Staudt made a motion to approve the agenda. Member Maday seconded and it was approved 4-0.

**AUDIENCE PARTICIPATION**

There was no audience participation.

**MATTERS FOR DISCUSSION**

**a. Discussion of Draft Top 20 segments for Annual Non-Motorized Prioritization Update**

Planner Komaragiri said over the last few meetings, the Committee has changed the point system which has rearranged some of the ranks of the Top 20 segments. On the Top 20 list, the ones in green are same segments that were in the Top 20 last year, but the order shuffled from the point redistribution. Staff reorganized so that the list is by section, so it is easier to find segments in one area. It is hard to summarize where changes are made, so any changes have the text in red.

- Chair Mutch asked if Sri should show an example of the first one or two that changed. Planner Komaragiri gave the example of Segment 2a. The Berkshire project is building part of that segment, the Speedway project is building part of that segment, so there is one small section left. The segments were split because the small section could be built sooner than the large segments together.
- Planner Komaragiri said the key changes that the Committee might see in the list are changes in rank, changes in length, and changes in the description detailing if the segment was split and why it was split.
- Planner Komaragiri showed a map created by Staff that summaries how many feet are left to complete in each Section of the City. This doesn't change the ranking system, it is just for reference. Chair Mutch pointed out that Sections 2 and 28 are essentially considered done.
- Member Staudt asked about Segment 80b, which is ranked number 1. There was discussion that that segment is ranked 1 because of the system, but has been

deferred because we are waiting until that area is redeveloped. Member Staudt expressed concern that it doesn't serve the purpose of getting the top segments done if they are being deferred.

- City Planner McBeth explained that the segments at the top of the list have been getting knocked off, but it is getting harder as sites are getting harder.
- Member Staudt asked about segments that are projected to be done in 2020 and 2021. Planner Komaragiri discussed Table 2.1, that shows projects that the City has just finished designing for construction.
- There was some discussion about Ten Mile Road and the widening of the road relative to the top segments that are along Ten Mile Road. Planner Komaragiri suggested that if there are four segments that are tied up with Ten Mile, they can be moved to a separate table and can leave room for other segments to move up on the list.
- There was discussion of three small segments between Napier Road and Wixom Road that would allow access to ITC Pathway if completed (Segments 159, 49, and 51). Points were bumped up for these segments for connecting to a regional trail, but it did not bump them up enough to put them in the Top 20. There was discussion about wish list of segments to get done compared to the ranking system. The Committee expressed that they'd like to work with Staff to determine what pieces might not necessarily show up on the list, but need to get done. Segment 45 was put on the list of segments that the Committee wants to get done to complete a connection to the ITC Pathway. Chair Mutch said the key thing is to communicate to the CIP Committee that they want to see these segments done sooner rather than later. The Committee and Staff agreed that Staff would look into these key segments further.

Member Maday made a motion to approve the Prioritization Update. It was seconded by Member Staudt and it was approved 4-0.

Member Maday made a motion to request Engineering Staff to additionally provide the four segments discussed. It was seconded by Member Staudt and it was approved 4-0.

## STAFF UPDATES

### 1. Planning Update

#### a. 2018-2019 Pedestrian Bike Accidents in Novi

Planner Komaragiri referred to the map that shows where the most accidents occurred. Most of the accidents were vehicles that struck pedestrians and were either vehicles that were backing out of driveways or were turning from one road onto another. There was one accident where a bicyclist caused an accident by failing to stop.

- Chair Mutch asked if Engineering looks at these areas where the accidents are?  
City Planner McBeth said they have a Committee that reviews them.

Planner Komaragiri also confirmed with the Committee that the next meeting will be held in August.

### 2. Engineering Update

#### a. Active Non-Motorized Project Portfolio for Engineering Division

Plan Review Engineer Richardson said it is planning to do an epoxy layer over I-96 on Novi Road, segments 32b and 33 that will connect from Gengi to Noodles & Company. The construction for that is planned to happen next year.

- Chair Mutch asked how the ramps will be handled. Plan Review Engineer Richardson said she has not seen the plans yet. MDOT is responsible for the overlay and creating the bike path over the bridge, and the City will be responsible for the sidewalk.

Plan Review Engineer Richardson provided an update on boardwalks, that 14 have completed of the 35 total.  
Plan Review Engineer Richardson offered a design phase progress report from OHM. She also said Engineering is working on maintaining easements on a few sections of Wixom Road.

### **3. Parks, Recreation, and Cultural Services Update**

Director of Parks, Recreation, and Cultural Services Muck said a lot of the Parks discussion has already been covered. The segments by Bosco Park have been completed.

Director of Parks, Recreation, and Cultural Services Muck provided an update on the ITC Trail. They are making the final cuts south of Ten Mile, and are anticipating doing the final layer of asphalt in late July. The boardwalk is being finished up, and all beacons are in for crossings. The last step is just to finish up the asphalt. People can be out on the path officially mid-August.

There was some discussion about resident feedback. Director of Parks, Recreation, and Cultural Services Muck said there have been a couple of issues about being close to property lines, but there has been a lot of positivity from residents on social media and providing feedback that are looking forward to having the trail completed.

### **COMMUNICATIONS**

There were no Communications.

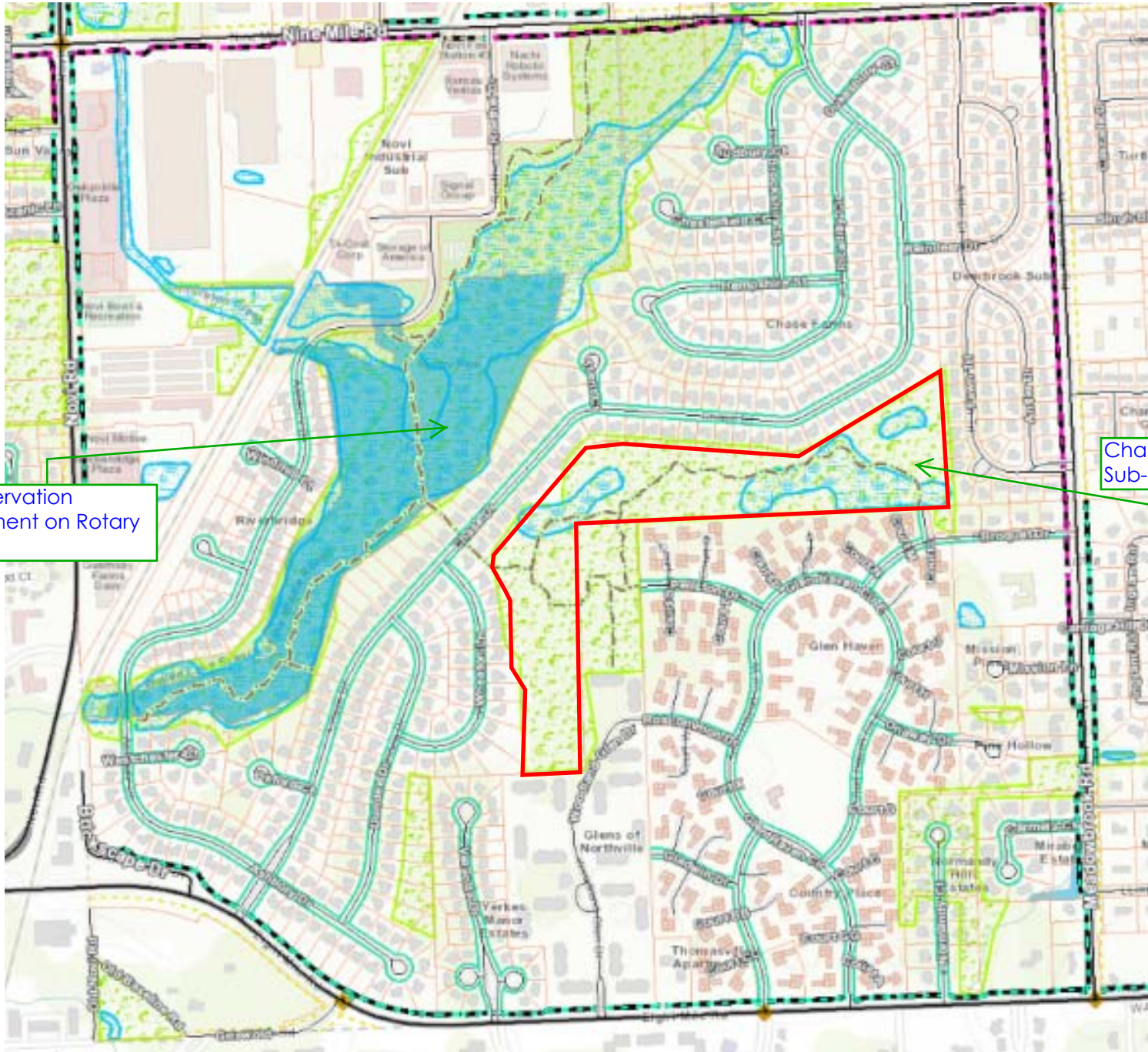
### **AUDIENCE PARTICIPATION**

Michel Duchesneau, 1191 South Lake Drive, expressed his support of emphasis being put on completion of small segments.

### **ADJOURN**

Member Maday made the motion to adjourn the meeting. Member Staudt seconded.  
Meeting adjourned at 7:07 pm.

# Chase Farms Park and Trails



Conservation Easement on Rotary Park

Chase Farms Park in Sub-2

LIPER 13528P225

LINEAR PARKWAY EASEMENT

KNOW ALL MEN BY THESE PRESENTS, that GRAND/SAKWA OF NOVI, A MICHIGAN CO-PARTNERSHIP, WHOSE ADDRESS IS 4850 COOLIDGE HIGHWAY, ROYAL OAK, MI 48073 conveys to the City of Novi, a Michigan Municipal Corporation, whose address is 45175 West Ten Mile Road, Novi, Michigan 48375, an easement for constructing, operating and maintaining a linear parkway in, over, upon and through the following described premises situated in the City of Novi, Oakland County, State of Michigan, to wit:

A strip of land 20 feet wide being a part of "Chase Farms Park" within "Chase Farms Subdivision No. 2", a subdivision of part of the NE 1/4, the NW 1/4 and the SW 1/4 of Section 35, T.1N., R.8E., Oakland County, Michigan, as recorded in Liber 224 of Plats, Pages 11-23, Oakland County Records, the centerline of said strip described as beginning at a point located on the east and west 1/4 line of Section 35, located distant S86°48'34"W 838.93 feet from the east 1/4 corner of said Section 35; thence N21°29'24"E 32.89 feet; thence N00°52'12"E 68.05 feet; thence N21°39'46"W 55.96 feet; thence N58°12'41"W 107.40 feet; thence N80°17'47"W 50.77 feet; thence N57°31'23"W 43.61 feet; thence S81°17'39"W 31.43 feet; thence S63°17'42"W 41.31 feet; thence S87°06'16"W 114.51 feet; thence N11°05'55"E 86.99 feet; thence N72°34'59"W 80.05 feet; thence S45°49'52"W 67.17 feet; thence S74°12'03"W 81.96 feet; thence S41°56'34"W 59.10 feet; thence S85°20'21"W 48.94 feet; thence S62°36'22"W 86.78 feet; thence N83°09'57"W 93.88 feet; thence S62°33'15"W 74.01 feet; thence N83°26'24"W 47.73 feet; thence S86°06'57"W 54.88 feet; thence N63°48'35"W 95.77 feet; thence S87°26'32"W 56.73 feet; thence S82°26'27"W 77.42 feet; thence N56°22'40"W 87.99 feet; thence S39°42'10"W 51.24 feet; thence S45°05'55"W 81.81 feet; thence S65°29'18"W 75.09 feet; thence S46°30'11"W 95.40 feet; thence S77°09'53"W 67.21 feet; thence S10°48'51"W 56.74 feet; thence N82°20'20"W 47.67 feet; thence S66°28'11"W 83.73 feet; thence S89°45'22"W 123.65 feet; thence S71°29'17"W 55.17 feet; thence S87°51'41"W 70.89 feet; thence S34°13'50"W 95.10 feet; thence S14°21'22"W 56.55 feet; thence S46°43'22"W 55.30 feet; thence S29°55'16"W 59.09 feet; thence S71°54'08"W 117.11 feet; thence N81°33'28"W 54.63 feet; thence N48°24'17"W 50.00 feet to the point of ending. Said point of ending located distant S41°35'43"W 11.96 feet from the south corner of lot 167 of said "Chase Farms Subdivision No. 2". Containing 1.35 acres, more or less.

et 22-35-329-001

See Exhibit "A" attached hereto and a part hereof.

RECORDED  
INDEXED  
MAY 1993

For the sum of \$1.00 (ONE AND NO/100-----DOLLARS)

Grantor hereby covenants, both for itself and its heirs, personal representatives, successors and assigns, for and during the life of the easement as follows:

- a. Grantor shall not hereafter construct or permit the construction of any building, fence or other structure upon the above described easement area.
- b. Grantor shall not conduct any activity within the above described property which will interfere with its use as a linear parkway system.

As further consideration for the granting of this easement, the City of Novi shall indemnify and save harmless, the Grantor, from and against any and all detriments, damages, losses, claims, suits, costs, or other expenses which the Grantor may suffer, sustain, or be subject to caused either wholly or in part, directly or indirectly, by reason of the use of the above premises pursuant to the rights granted herein.

RECORDED  
INDEXED  
MAY 1993

11.02  
2000

This instrument shall be binding upon and inure to the benefit of the parties hereto, their heirs, representatives, successors, and assigns.

Dated this 20th day of APRIL, 1993.

Signed in the presence of: GRAND/SAKWA OF NOVI, A Michigan Co-Partnership

By: GRAND/NOVI, INC., A Michigan Co-Partnership

Rhoda Kiffman  
Rhoda Kiffman

By: Steve Grand  
Steve Grand

David Anderson  
David Anderson

Its: President

STATE OF MICHIGAN)ss  
COUNTY OF OAKLAND)

The foregoing instrument was acknowledged before me this 20th day of APRIL, 1993, by Steve Grand, President of Grand/Novi, Inc., a Michigan Co-Partnership, and Rhoda Kiffman, Notary Public.

Rhoda Kiffman  
Rhoda Kiffman, Notary Public

Oakland County, Michigan

Commission Expires: 11-24-95

RHODA KIFFMAN  
NOTARY PUBLIC STATE OF MICHIGAN  
OAKLAND COUNTY  
MY COMMISSION EXP. NOV. 25, 1995

Drafted by and return to:  
Gary E. Bowman  
JCK & Associates, Inc.  
P.O. Box 759  
Novi, Michigan 48376



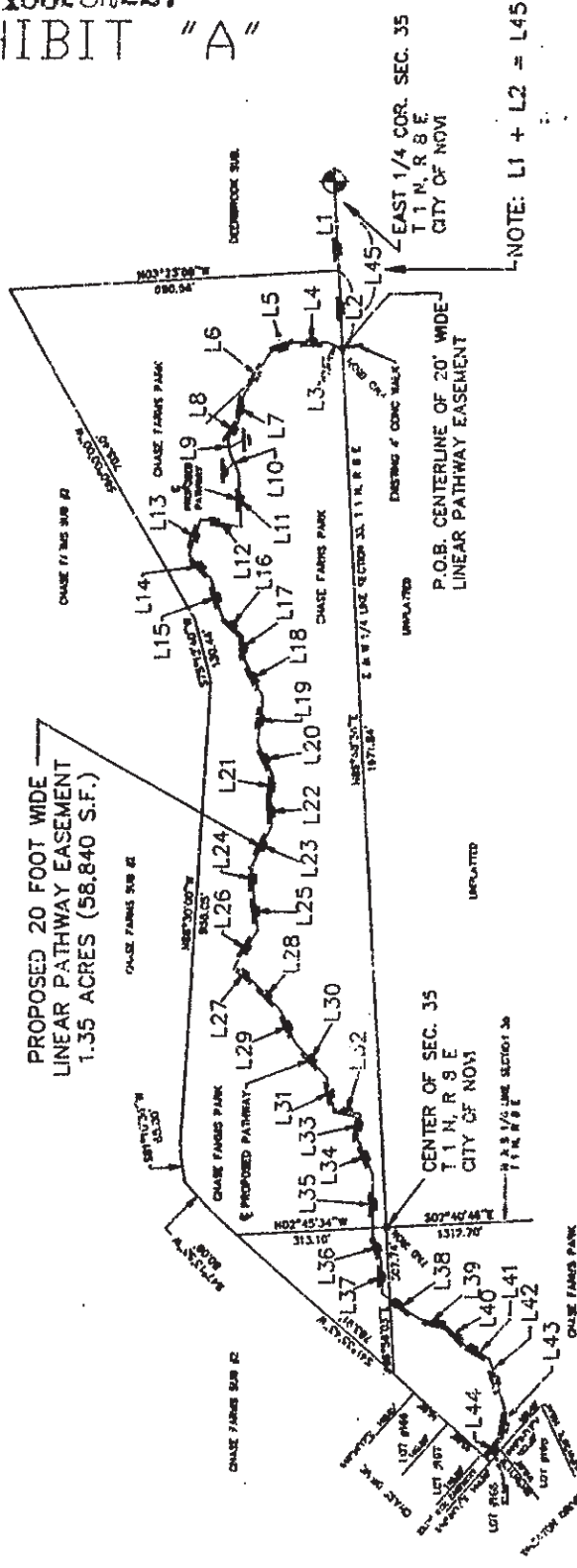
EXHIBIT "A"



LINE	DIRECTION	DISTANCE
L31	S77°09'53"W	67.21'
L32	S10°48'51"W	56.74'
L33	N82°20'20"W	47.67'
L34	S66°28'11"W	83.73'
L35	S89°45'22"W	123.65'
L36	S71°29'17"W	55.17'
L37	S87°51'41"W	70.89'
L38	S34°3'50"W	95.10'
L39	S14°21'22"W	56.55'
L40	S46°43'22"W	55.30'
L41	S29°55'16"W	59.09'
L42	S71°54'08"W	117.11'
L43	N81°33'28"W	54.63'
L44	N48°24'17"W	50.00'
L45	S86°48'34"W	838.93'

LINE	DIRECTION	DISTANCE
L16	S41°56'34"W	59.10'
L17	S85°20'21"W	48.94'
L18	S62°36'22"W	86.78'
L19	N83°09'57"W	93.88'
L20	S62°33'15"W	74.01'
L21	N83°26'24"W	47.73'
L22	S86°06'57"W	54.88'
L23	N63°48'35"W	95.77'
L24	S87°26'32"W	56.73'
L25	S82°26'27"W	77.42'
L26	N56°22'40"W	87.99'
L27	S39°42'10"W	51.24'
L28	S45°05'55"W	81.81'
L29	S65°29'18"W	75.09'
L30	S46°30'11"W	95.40'

LINE	DIRECTION	DISTANCE
L1	S86°48'34"W	680.30'
L2	S86°48'34"W	158.93'
L3	N21°29'24"E	32.89'
L4	N00°52'12"E	68.05'
L5	N21°39'46"W	55.96'
L6	N58°12'41"W	107.40'
L7	N80°17'47"W	50.77'
L8	N57°31'23"W	43.61'
L9	S81°17'39"W	31.43'
L10	S63°17'42"W	41.31'
L11	S87°06'16"W	114.51'
L12	N11°05'55"E	86.99'
L13	N72°34'59"W	80.05'
L14	S45°49'52"W	67.17'
L15	S74°12'03"W	81.96'



PROPOSED 20 FOOT WIDE  
LINEAR PATHWAY EASEMENT  
1.35 ACRES (58,840 S.F.)

		JCK & ASSOCIATES, INC. CONSULTING ENGINEERS NOVI, MICH. PH. NO. (313) 948 - 2680	
<h2>N.R.D.P. PATHWAY EASEMENT</h2> <h3>CHASE FARMS PARK</h3>			
Drawn Designed Checked	E.W.T. D.N.N.	Date 11/12/92	Scale 1" = 300'
		Job No. N-3323-11	Sheet No.