

City of Novi Annual Non-Motorized Prioritization 2018-19 Update



A Working Document for Capital Improvement Plan (CIP) Planning

November 01, 2018

ACKNOWLEDGEMENTS

Walkable Novi Committee

Council Members Andrew Mutch, Chair David Staudt

Planning Commission Environmental Committee Members John Avdoulos Julie Maday

Parks, Recreation & Cultural Services Commission Members
Paulina Muzzin
Shelley Thomopoulos

For More Information Contact Support Staff

Barbara McBeth, AICP | City Planner bmcbeth@cityofnovi.org

Sri Ravali Komaragiri | Planner skomaragiri@cityofnovi.org

Hannah Smith | Planning Assistant hsmith@cityofnovi.org

Jonathon Gartha | GIS Technician jgartha@cityofnovi.org

George Melistas | Engineering Manager and City Traffic Engineer gmelistas@cityofnovi.org

Joseph Akers | Staff Civil Engineer jakers@cityofnovi.org

 $\begin{tabular}{ll} \textbf{Jeff Muck} & | & Director of Parks Recreation and Cultural Services \\ \textbf{Jmuck@cityofnovi.org} \end{tabular}$

TABLE OF CONTENTS

Chapter 1: PROCESS OVERVIEW

Ch	apter 2: COM	PLETED NON-MOTORIZED IMPROVEMENTS (OR UNDER CONSTRUCTION AT TIME OF REPORT)	2
	Figure 2.1	2017-2018 Completed Non-Motorized Improvements	2
	Table 2.1	2017-2018 Completed Non-Motorized Improvements (or under construction at time of report)	3
	Table 2.2	Previous Years Completed Non-Motorized Improvements (CITY BUILT)	6
	Figure 2.2	2006 – 2018- Completed Non-Motorized Improvements by City of Novi by Type in ft	9
	Figure 2.3	2006-2018 Completed Non-Motorized Improvements by City of Novi in ft	9
	Table 2.3:	Sidewalk/Pathway and Boardwalk Maintenance Estimate	10
	Table 2.4	Existing Boardwalks Inventory	11
	Мар 1	2017-2018 Completed Non-Motorized Improvements	14
Ch	napter 3: 2016-	17 TOP 20 PRIORITY PATHWAY AND SIDEWALK SEGMENTS	15
	Table 3.1	Tier and Tier 2 Categories	16
	Figure 3.1	Total Length of 2017-2018 Priority segments per Sidewalks and Pathways	19
	Table 3.2	2018-19 Top 20 Priority Pathway and Sidewalk Segments including deferred segments	20
	Table 3.3	Additional Notes for Top 20 Priority Segments	21
	Map 2	2018-19 Top 20 Priority Pathway and Sidewalk Segments	22
	Maps:	2018-19 Top 20 Priority Pathway and Sidewalk Segments (excluding deferred segments)	23
Ch	apter 4: NON-	MOTORIZED PLAN 2016-2017 UPDATE	24
	Table 4.1	Summary of the Proposed Non-Motorized Improvements as of 2016	25
	Figure 4.1	Summary of the Proposed Total Non-Motorized Improvements as of 2016 by count	25
	Table 4.2:	Proposed Off-Road Recreational Pathways and On-Road Regional Pathway	29
	Table 4.3	Proposed Crossings.	32
	Table 4.4	Proposed Neighborhood Connector Routes	35
	Мар 3:	Non-Motorized Plan 2017-2018 Update	37
	Table 4.5	Proposed Adjacent to Major Roads Pathway and Sidewalk Segments: Tier 1 Category Rankings	38
	Table 4.6	Proposed Adjacent to Major Roads Pathway and Sidewalk Segments: Tier 2 Category Rankings	48

1

Chapter 1: **PROCESS OVERVIEW**

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 Catergories 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 updated each fall. Data is collected through the year and is current through September 1, 2018, with the exception of completed segments, as any segment under construction at that time was determined to be complete or budgeted for planning purposes. As with previous updates, completed segments were identified, new segments were added and segment ranking was recalculated. 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 November 01, 2018, the Walkable Novi Committee members present reviewed and approved the Annual Non-Motorized Prioritization: 2018-2019 Update and recommended 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 NONMOTORIZED IMPROVEMENTS

This chapter identifies the segments that are completed as of September 01, 2018 or under construction or budgeted for construction for year 2018-19. Since October 2006, about 18.4 miles of public pathways and sidewalks were constructed by the City of Novi and the State of Michigan and private developers completed about 15.8 miles of public pathways and sidewalks in the City.

In the 2017-18 year, the City of Novi started the installation of about 9,989 feet of regional/recreational trail (ITC Trail from Nine Mile to Eleven Mile Road). The amount of developer installed pathways and sidewalks resulted in over 3,694 feet of additional pathways and sidewalks. The City constructed all the segments budgeted for construction last year as planned. They are included as completed segments with this update.

About 6,670 feet of pathways, sidewalks and trails are proposed to be constructed in year 2019. Segments that have been assigned budget for design and construction are identified with this years update. Those are removed from the Prioritization spreadsheet to allow opportunity for other segments. However, these segments are not counted towards completed segments as shown in the graph below.

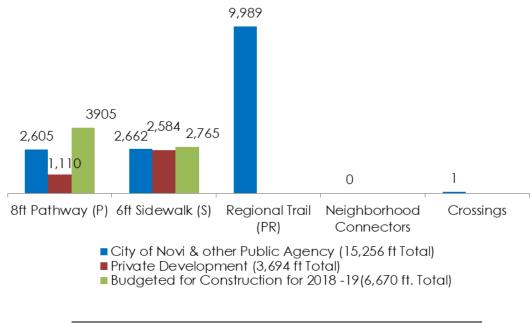


Figure 2.1: 2017-2018 Completed Non-Motorized Improvements

Segment Item #	Section #	Туре	Side of Street/ Other	Location	From	То	Segm Lengt	
Sidewalks	built or un	der con	struction	by the City				
9a	4	Р	South	Pontiac Trail	Wedgewood	West Park	2,438	
9B	4	S	South	Pontiac Trail	Beck Road	Wedgewood	2,662	
Part 67	23	Р	south	Grand River	Fountain Park	Huntley Manor	167	
4004	20, 29	Р	ITC Corri	idor Trail Phase 2	or Trail Phase 2 Nine Mile Eleven Mile		9,989	
5038	4	Cross		Pontiac Trail	Mid-Block Cross	sing and Geisler School	N/A	
N/A	15, 16, 21, 22	Bike Lanes	Both	Taft	Ten Mile Road	Grand river		
N/A					Citywide	N/A		
						2017-18 City of Novi Total		15,25
Sidewalks	built or un	der con	struction	by Private Develo	pers			
2615	12	S	West	Haggerty	Autoneum		262	
Part 52b	20	Р	South	Eleven Mile	Oberlin		722	
Part 97C	29	Р	West	Beck	Valencia South		388	
Part 31	15	S	South	Twelve Mile	Hino Motors (we	est of Taft Road)	522	
N/A	10	S	East	Dixon Road	Dixon Meadow	s (north of Twelve Mile)	1,800	
					2	017-18 Development Total		3,69
Segments	budgeted	l for cons	struction	for year 2018-19				
Part 53	20	Р	West	Beck	Funeral Home (Private Developer)	470	
Part 53	20	Р	West	Beck	Bosco Park (Cit	y Parks Project)	498	
43	18	Р	West	Wixom	Catholic Centra	al Island Lake	620	
70*	23	Р	West	Meadowbrook	Gateway Villag	je Eleven Mile	900	
39*	17	Р	west	Beck	Eleven Mile	Providence	767	
120A*	36	S	West	Haggerty	Eight Mile	Orchard Hill	1390	
120B*	36	S	West	Haggerty	Orchard Hill	High Point	375	
120c*	36	S	West	Haggerty	High Point	Nine Mile	600	
62*	22	S	north	Ten Mile	Eaton Center	Churchill Crossing	400	
NC4	23	Р	N/A	Connector	Main Street	Meadowbrook	650	

^{*} Segments from 2017-18 Top 20 list from lasts years update



Segment 67: Southside Grand River Avenue, east of Novi Road (Pavilion Park Apartments)



Segment 67: Southside Grand River Avenue, east of Novi Road (Huntley Manor)



Segment 52b: Sidewalk southside of Eleven Mile Road west of Beck Road (Oberlin Estates)



Pathway eastside of Meadowbrook Road, north of Twelve Mile Road (Beacon Hill Meadows)

TABLE 2.2:	Previous Yo	ears Cor	mpleted Non	-Motorized Improv	ements (CITY BUILT)						
Segment Item #	Section #	Туре	Side of Street/ Other	Location	From	То	Segment Length (ft.)				
					g developer completed segional/recreational trail	egments					
2016-17 C	ompleted	Non-Mo	otorized Imp	rovements							
5037	21, 22	Mid		Taft Road	between south of J	acob/Taft Knolls					
4064	31	— bloc PR	ITC Sports		ITC to Eight Mile		3259				
5	3	S	<u>Center</u> South	Fourteen Mile	Beach Walk	East Lake Drive	535				
10	4	S	east	Beck	eck K&S Plaza		180				
105 Part	31	Р	North	Eight Mile	Garfield	Napier	5200				
						Total	9,174				
2015-16 Completed Non-Motorized Improvements											
129	1	S	South	Fourteen Mile	Haverhill Farms	Maples of Novi	600				
1b	1	S	South	Fourteen Mile	M-5	Haverhill Farms	867				
4013	17	RT	N/A	Medilodge Providence	Medilodge	edilodge Beck					
4003	31	RT	N/A	ITC Corridor	N. of ITC Sports Center Park	Garfield	5,800				
						Total	10,470				
			otorized Imp								
109	32	Р	north	Eight Mile	Garfield	Beck	2,888				
27	14	Р	north	Eleven Mile	Pinnacle	Town Center	3,500				
89	26	Р	east	Novi Rd.	Ten Mile	Ice Arena	500				
76	24	Р	north	Grand River	Seeley	Haggerty	200				
69	23	S	south	Eleven Mile	Town Center	Meadowbrook	3,500				
5016	28	С			Beck & White Pines/Che	eltenham					
5033	2	С			Meadowbrook	« & Bridge St					
5065	2	С			Twelve Mile & Mea	dowbrook north					
4036	2	NBD	Hickory Woods	Novi Road	East La	ake	1,025				
9079	2	NBD	New Ct	East Lake	School		296				
						Total	11,909				
	ompleted	Non-Mo	otorized Imp								
16	11	Р	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	R Park frontage	800
5154	0	С		Nine & Haggerty		NW to NE	crossing
5009		С			Haggerty and	l Villagewood	crossing
5054	3	С		Wixom & Glenwood or Deerfield	mid-block crossing and	d signal project	crossing
89	26	Р	east	Novi Rd	Ten Mile	Ice Arena	500
145	23	S	north	Ten Mile	Supplier Investment Co	RR	220
						Total	7,230
2012-13	Complete	d Non-N	otorized Imp	rovements			
92	27	S	west	Novi Rd.	Ten Mile	Nine Mile	2,135
36	16	Р	west	Taft	Eleven Mile	Andes	495
144	23	Р	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		С			Nine Mile and Heather	brae	
5007	24	С	mid-block	Grand River	Seeley	Joseph	crossing
5014	21	С	bike signs	Beck	Cidermill		crossing
5034	31	С	mid-block	Eight Mile	Community Sports Park	N to S	crossing
5035	31	С	mid-block	Eight Mile	Garfield	N to S	crossing
5143	32	С	crosswalks & signals	Beck	Eight Mile		crossing
						Total	4,668
2011-12	Complete	ed Non-N	lotorized Imp	rovements			
145b	23	S	north	Ten Mile	RR	Brookhaven	225
65	23	Р	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	С	striping & signs	Grand River	Seeley	Joseph	crossing
5043	36	С	mid-block	Nine Mile	Sunrise		crossing
2010-11 (Complete	ed Non-M	lotorized Imp	rovements		Total	8,201
83	25	S	north	Nine Mile	Meadowbrook	Haggerty	3,800
15	11	S	south	Thirteen Mile	Novi Rd.	Old Novi Rd.	350
5044	22	С			Novi at Post Office	-	crossing
146	11	С	west	Old Novi	South Lake	crossing	crossing
						Total	4,150
							, ,
2009-10 (Complete	ed Non-M	lotorized Imp	rovements			
2009-10 (23	ed Non-M	north	Ten Mile	Hampton Hill	Brookhaven	822

141	24	С	crossing	Ten Mile	Nilan	SW to NW	crossing
82C	25	S	west	Haggerty	Ten Mile	Dunkin Donuts	220
140	23	С	crossing	Hampton Hill	Ten Mile	NE to NW	crossing
123a	1	RT	regional	M-5 Extension	Fourteen Mile	Thirteen Mile	5,280
						Total	6,722
2008-09 C	ompleted	Non-M	otorized Imp	orovements			
59	22	Р	south	Eleven Mile	Taft	Cedar Spring Estates	1,300
125	15	S	west	Clark	Eleven Mile	Grand River	205
75 part	24	Р	north	Grand River	Meadowbrook	Seeley	310
80A	24	S	north	Ten Mile	Meadowbrook	Haggerty	411
82A	25	S	west	Haggerty	Dunkin Doughnuts	Oak Ridge Place	1,180
60A	22	Р	south	Eleven Mile	Clark	Cedar Spring Estates	300
136	21	S	west	Bramblewood	Cidermill	subdivision	210
63	22	S	north	Ten Mile	Wildcat	Taft	1,580
91	26	Р	south	Ten Mile	Meadowbrook	Orchard Hills North	800
96	28	Р	south	Ten Mile	Beck	Broadmoor Park	250
95	28	S	east	Beck	Ten Mile	Baker	300
	36	S	south	Orchard Hills Place	Haggerty	west	375
54, 55 part	20, 29	Р	all	Ten & Beck legs			910
						Total	8,131
2007-08 C	completed	Non-M	otorized Imp	orovements			
57	21	S	north	Ten Mile	Roma ridge	Homestead	770
85	26	Р	west	Meadowbrook	Ten Mile	Mallot	1,050
86	26	Р	west	Meadowbrook	Chattman	Nine Mile	2,025
94	28	S	north	Nine Mile	Taft	Beck	640
117	35	Р	west	Meadowbrook	Mission Pines	Mirabella Estates	450
118	35	Р	west	Meadowbrook	Mirabella Estates	Eight Mile	480
						Total	5,415
2006-07 C	ompleted	Non-M	otorized Imp	provements			
42	17	S	north	Eleven Mile	Novi Middle School	Beck	3,700
56	21	Р	south	Eleven Mile	Beck	Taft	1,700
					·	Total	5,400

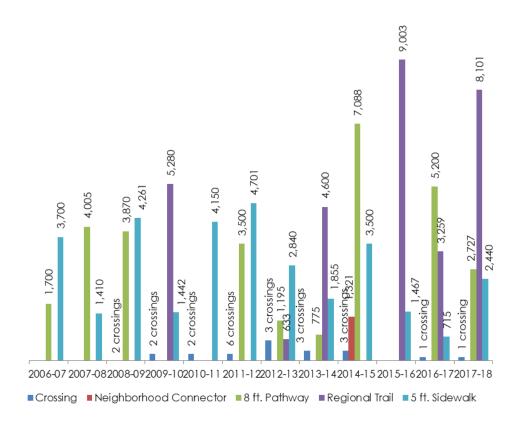


Figure 2.2: 2006 - 2018- Completed Non-Motorized Improvements by City of Novi by Type in ft (Segments completed by the City of Novi only, not including developer completed segments)

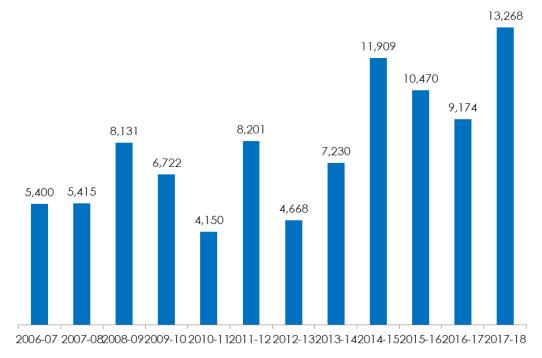


Figure 2.3: 2006-2018 Completed Non-Motorized Improvements by City of Novi in ft (Segments completed by the City of Novi only, not including developer completed segments)

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						
6 feet concrete Sidewalk	\$ 75 per ft.	\$ 20 per ft.	\$0.32 per feet (131811 ft pathways and 4836 ft						
10 foot asphalt pathway	\$ 90 per ft.	\$ 20 per ft.	sidewalk - \$44000 budget)						
Wooden boardwalk	\$ 700 per ft.	\$ 50 per ft.	\$1.90 per ft. (1 mile of boardwalk - \$10000 budget)						
Composite boardwalk	\$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 maintainence as noted in the table below.

TABLE	2.4: Existing	Board	lwalks Inventory					
Sec tion No.	Asset ID	#	Location	Street Name	Width	Length in feet (Appro x)	Adjac ent Future Segm ent	Status
27	BKS-10008	3	S side 10 W Whitehall Senior Center	10 Mile	8	510	0	Scheduled for major repairs
22	BKS-10009	4	N of 10 Mile W of Novi Rd	10 Mile	8	178	62	Scheduled for major repairs
22	BKS-10019	5	N of 10 Mile E of Church Hill Blvd	10 Mile	8	64	0	Scheduled for Remove/ Replace
26	BKS-010034	22	Ten Mile West of Quince Dr	10 Mile	8	304	0	Scheduled for regular Maintenance
26	BKS-010035	21	Ten Mile East of Pheasant Run	10 Mile	8	231	0	Scheduled for regular Maintenance
17	BKS-10004	6	North of 11 Mile West of Beck	11 Mile	8	255	0	Scheduled for regular Maintenance
17	BKS-010023	23	North of 11 Mile East of Wixom (ITC Corridor West of Medilodge)	11 Mile	10	61	0	Scheduled for regular Maintenance
17	BKS-010026	24	North of 11 Mile East of Wixom (ITC Corridor West of Medilodge)	11 Mile	14	43	0	Scheduled for regular Maintenance
18	BKS-010036	31	12 Mile West of Wixom Rd (Catholic Central)	12 Mile Rd	8	195	0	NA
35	BKS-10011	1	S of 9 Mile E of Roethel Dr	9 Mile	8	53	0	Scheduled for Remove/ Replace

TABLI	2.4: Existing	Board	lwalks Inventory					
Sec tion No.	Asset ID	#	Location	Street Name	Width	Length in feet (Appro x)	Adjac ent Future Segm ent	Status
35	BKS-10012	2	S of 9 Mile at Fire Station #5	9 Mile	8	205	0	Scheduled for regular Maintenance
20	BKS-10007	10	West side Beck North of Cider Mill	Beck Rd	8	438	0	Currently under Repair to Reopen
29	BKS-10013	11	West of Beck North of 9 Mile	Beck Rd	8	430	0	Scheduled for Remove/ Replace
32	BKS-10014	20	West side of Beck South of Bellagio	Beck Rd	8	218	0	Currently under Repair to Reopen
16	BKS-10015	9	Beck Rd South of Central Park	Beck Rd	8	164	38	Closed due to no connection
16	BKS-10016	8	Beck Rd South of Vision Spa	Beck Rd	8	223	0	Scheduled for Remove/ Replace
32	BKS-010038	34	Beck South of 9 Mile	Beck Rd	8	24	110b, 112	NA
31	BKS-010037	35	ITC Trail West of Garfield	Garfield	14	529	0	Scheduled for regular Maintenance
6	BKS-10017	18	North of Grand River E of Beck	Grand River	8	123	0	Scheduled for regular Maintenance
24	BKS-10002	12	E of Meadowbrook S of Vincenti Ct	Meadowbr ook	8	73	0	NA
26	BKS-10010	13	W Meadowbrook N Penton Rise Ct	Meadowbr ook	8	34	0	Scheduled for regular Maintenance
11	BKS-010024	7	West side of Meadowbrook N of 12	Meadowbr ook	8	331	0	NA
19	BKS-010027	33	East Side of Napier South of Seaglen Dr	Napier Rd	8	220	0	Scheduled for Remove/ Replace
18	BKS-010028	27	East Side of Napier South of Novi Meadows Blvd	Napier Rd	8	88	44	NA
19	BKS-010030	32	Napier West of Denali Ct	Napier Rd	10	45	0	Scheduled for Remove/ Replace
19	BKS-010032	29	Ten Mile East of Napier	Napier Rd	8	51	0	Scheduled for Remove/ Replace
19	BKS-010033	30	Ten Mile West of Denali Ct	Napier Rd	8	50	0	Scheduled for Remove/ Replace
10	BKS-10000	15	West of Novi South of 12 1/2 Mile	Novi Rd	8	504	0	Scheduled for major repairs
10	BKS-10001	14	West of Novi North of 12 Mile	Novi Rd	8	423	0	Scheduled for major repairs

TABL	E 2.4: Existing	Board	lwalks Inventory					
Sec tion No.	Asset ID	#	Location	Street Name	Width	Length in feet (Appro x)	Adjac ent Future Segm ent	Status
27	BKS-010025	25	West of Novi SW of Lidstrom	Novi Rd	8	33	0	Scheduled for regular Maintenance
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	NA
18	BKS-10005	16	West of Wixom next to Lift Station	Wixom Rd	8	72	0	Scheduled for Remove/ Replace
18	BKS-10006	17	West of Wixom South of Island Lake	Wixom Rd	8	258	0	Scheduled for major repairs
18	BKS-10018	TB D	E of Napier S of Knightsbridge	Napier Rd	8	597	44	NA
18	BKS-10021	TB D	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





Beck Road Boardwalk - West Side of Beck & South of Kirkway Place (2018 Repair Project)

MAP 1 2017-2018 Completed Non-Motorized Improvements

Map 1: 2017-2018 Completed Non-Motorized Improvements 1b 1a 1a 1a Fourteen Mile Rd South Lake Dr West Rd 4347 11 1212 12a3 12b 31 18b Twelve Mile Rd Twelve Mile Rd Grand River Ave မ္က 34 34 34 Eleven Mile Rd 27₆₉27₆₉27₆₉69 90 90145 145 100 99a 5<mark>1</mark> 99a 99b 8 111a 113a 113b 113b 113c 116b 93a 93a 116a 147 147 Nine Mile Rd

Annual Non-Motorized Prioritization: 2018-2019 Update

- Road Crossings
- 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



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: October 22, 2018
Project: 2018 Non-Motorized Update
Version #: 3.0

0.25 0.5 1 1.5 Miles 1 inch = 0.66 miles

MAP INTERPRETATION NOTICE



Chapter 3: 2018-19 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 updated each fall. Data is collected through the year and is current through September 1, 2018, with the exception of completed segments, as any segment under construction at that time was determined to be complete or budgeted for planning purposes. As with previous updates, completed segments were identified, new segments were added and segment ranking was recalculated with this update.

Each year, all pathway and sidewalk segments that are proposed adjacent to roads in Novi are reviewed against a set of <u>Tier 1 criteria</u> 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. As part of the evaluation process, staff reviewed the prioritization criteria from various communities to identify additional criteria with 2015-16 update. As part of 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.

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)." Committee approved changes proposed by staff in order to focus on sidewalk gaps that connect to ITC trail. Points were raised for connection to regional trails and parks. Please refer to Table 3.1 for more details.

In addition, following revisions are made to rating system and the segments for more efficiency.

- 1. 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.
- 2. Following segments which are over a mile long are split into smaller segments.

111a	32	Р	south	Nine Mile	Beck	Garfield Conservation area
111b	32	Р	west	Nine Mile	Garfield Conservation	Vasilios Court
111c	32	Р	south	Nine Mile	Vasilios Court	Garfield Road
18b	11	S	north	Twelve Mile	Novi Rd.	Twelve Oaks
18a	11	S	north	Twelve Mile	Twelve Oaks	Meadowbrook
2a	1	S	west	Haggerty	Fourteen Mile	Thirteen Mile
2b	1	S	west	Haggerty	Thirteen Mile	S of McKenzie Drive
98a	29	S	north	Nine Mile	Kensington	Vasilios Court
98b	29	S	north	Nine Mile	Vasilios Court	ITC Pathway
101a	30	Р	east	Napier	Nine Mile	Villa Barr
101b	30	Р	east	Napier	Villa Barr	Ten Mile
106a	31	Р	west	Garfield	Eight Mile	Deer Run
106b	31	Р	west	Garfield	Deer Run	Nine Mile
				· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·

3. Smaller segments which are closer have been combined into one.

In order to have a most current and correct nventory, this year staff also cross checked the map layer and the inventory list to identify all segments that needs to be built along major roads against the existing conditions. 'Non-Motorized Routes and Trails' map available on City's map gallery is now current with all missing segments with respective Legacy ID's.

From the Top 20, construction of Segments 80B is deferred until development due to constraints beyond City control. Because of which, segment ranking 21is moved up to list of Top 20 Priority segments. Table 3.2 and 3.3 provide further details. A majority of Top 20 are typlically located in the south east quadrant of the City due to high concentration of residential neighborhoods. However, this year due to shifted focus on connection to ITC trail and parks, the Tope 20 are more evenly spread out south of Twelve Mile Road between Haggerty Road and Wixom Road.

For 2018-19, the Top 20 Priority segments (excluding the deferred segments) result in about 6 miles (31,887 linear feet) of proposed pathways and sidewalks. Some points to be noted with regards to our new Top 20 are as follows:

- 1. Nine of twenty segments are carried over from last years Top 20 list, excluding deferred (80b, 81b, 81a, 66, 93b, 84b, 84a, 119a, 90, 82b and 82b)
- 2. Six of last year's Top 20 segments are noted as budgeted for construction for 2019 as shown in table xx (39, 62, 120a, 120b, 120c and 70)
- 3. Five segments from last years updated are no longer in the Top 20 due to the new rating system (25, 119b, 119c, 79 and 64).
- 4. Three are less than 400 feet long,
- 5. Five are between 400 to 1,000 feet long,
- 6. Three are between 1,000 and 2,000 feet long,

- 7. Nine are over 2,000 feet long and, the longest is 2,923 feet long.
- 8. Nine of the segments are included in the 2019-25 Capital Improvement Plan (CIP) in the CIP projected or forecast to be constructed by 2025.
- 9. A majority of them (7 segments) are scheduled for 23-24 fiscal year.
- 10. Four segments are within a mile from ITC trail under construction.

As part of 2017 update, staff reviewed the importance of two components that effect the nonmotorized improvements: maintenance and boardwalks. At July 20, 2017 regular Walkable Novi Committee meeting, staff asked the committee whether to include proximity to boardwalk and maintenance as one of the ranking categories. Upon further discussion, it was determined that it does not generally affect all the segments and is applicable to only a few. The Committee directed the staff to note the missing segments that are adjacent to existing boardwalks as background information.

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

BICYCLE & PED. ACCIDENTS

(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

TRAFFIC SAFETY

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

TRAFFIC COUNTS 2

(ADT) 2010 Non-Motorized MP 0 = < 10K ADT5 = 10K-20K ADT10 = >20K ADT

TRAFFIC SPEED

< 30 mph = x 135-40 mph = x 1.2>=45 mph = x 1.5

ACCESS TO SCHOOLS

All three categories are grouped into one to simplify and avoid double counts.

Final rating would be based on number of schools with the same criteria. i.e. # elem & intermediate schools w/in 1 mile and so on)

4.5 = 1 school

3

9 = 2 + schools

(# elem & intermediate schools w/in 1 mile)

4.5 = 1 school9 = 2 + schools

(# middle & high schools w/in 2 miles)

4.5 = 1 school9 = 2 + schools

(# private schools over 100 students w/in 2 miles)

4.5 = 1 school9 = 2 + schools

4	ACCESS TO PARKS (# w/in 1 mile) 4 = 1 park; 8 = 2+ parks	Current Rating revised with this update 6 = 1 park; 12 = 2+ parks				
5	ACCESS TO HOTELS # shopping areas w/in 1 mile) 3.5 = 1 Hotel; 7 = 2+ Hotels	Current Rating revised with this update 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) 3.5 = 1 places of worship; 7 = 2+ places of worship	Current Rating revised with this update 2= 1 places of worship; 4 = 2+ places of worship				
9	CONNECTED TO NEIGHBORING SIDEWALK/ REGIONAL TRAIL SYSTEM 3.5 = connected to neighboring sidewalk system 7 = connected to regional trail system	Current Rating revised with this update 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					
12	CONSIDERABLE PUBLIC INTEREST 5 = top 15 survey responses, resident petitions & documents	ented 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 poi	nts)				
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 homeometric complete section link; -10 = one direction section)					

PRIVATE DEVELOPMENT POTENTIAL

(Positive Points)

8 = little potential 5

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

EVIDENCE OF EXTENSIVE PEDESTRIAN USE

0 = No Evidence

10 = Worn Path

6

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

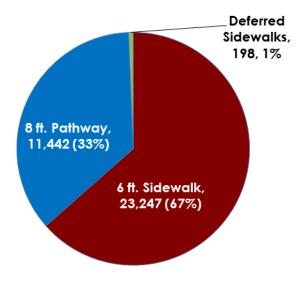


Figure 3.1: Total Length of 2018-2019 Priority segments per Sidewalks and Pathways (Segments to be completed by the City of Novi only)

Overall Segment Rank	Segment Item #	Section #	op 20	Priority Pa	thway and Sidewalk	Segments including	То	# of Pieces in Segment	Segment Length (ft.) excluding Developer Planned & Completed pieces	Projeted CIP Year
1	80b*	24	S	north	Ten Mile	Meadowbrook	Willowbrook Estates	1	198	
2	81b*	25	Р	south	Ten Mile	Willowbrook	Haggerty	3	2,634	
3	81a*	25	Р	south	Ten Mile	Meadowbrook	Willowbrook	1	2,529	
4	38	16	S	east	Beck	Eleven Mile	Grand River	2	2,234	23-24
5	153	36	S	east	Haggerty	City limits	Taco Bell	1	501	
6	66*	23	Р	south	Grand River	Sixth Gate	Main Street	2	293	20-21
7	18a	11	S	north	Twelve Mile	Twelve Oaks	Meadowbrook	2	2,923	
8	93b*	27	S	north	Nine Mile	Plaissance	Taft	2	619	23-24
9	53	20	Р	west	Beck	Bosco House		1	323	
10	84b*	25	S	east	Meadowbrook	Nine Mile	Chattman	1	2,380	23-24
11	32a	15	S	west	Novi Rd.	Twelve Mile	West Oaks	2	1,347	
12	84a*	25	S	east	Meadowbrook	Ten Mile	Chattman	1	2,323	23-24
13	93a	27	S	north	Nine Mile	Novi Rd.	Plaissance	1	1,122	23-24
14	99a	29	Р	south	Ten Mile	Valencia	400' E of Lynwood	2	2,739	23-24
15	68	23	Р	south	Grand River	Huntley Manor	Meadowbrook	1	802	
16	119a*	36	S	east	Meadowbrook	Nine Mile	Singh Blvd	1	1,075	21-22
17	90*	26	Р	south	Ten Mile	Chipmunk Trail	Maly Dental	2	2,122	23-24
18	58b	21	S	east	Beck	Cider Mill	Sierra	1	2,553	
19	82b*	25	S	west	Haggerty	Pavilion Ct Apartments	Nine Mile	1	539	
20	18b	11	S	north	Twelve Mile	Novi Rd.	Twelve Oaks	1	2,027	
21	58a	21	S	east	Beck	Ashley	Cider Mill	1	1,228	
Lege	for sy Segn	nents v <i>Istem</i> nents v	with pa conne with a	athways c ctivity & r higher rai	or sidewalks on most must be analyzed se nking segment planr	parately for connecti	de of the street - <i>note</i>	t these		

Segments included in last years Top 20

Deferred

CIP Budget Year

Short Segments

Table 3.3: Additional Notes for Top 20 Segments						
OVERALL SEGMENT RANK	Segment Item #	S= 6 ft. sidewalk P= 8 ft. pathway	Construction Estimate	Number of Easements required	Length in Feet	Notes
1	80b	S	\$601,470	2	198	Six foot sidewalk concrete sidewalk. Parking lot for three businesses would require easements. 10 Mile Corridor Study may delay construction.
2	81b	Р	\$748,846	4	2,634	Eight foot wide asphalt pathway along south side of Ten Mile Rd. 10 Mile Corridor Study may delay construction.
3	81a	Р	\$736,196	1	2,529	Eight foot wide asphalt pathway along south side of Ten Mile Rd. 10 Mile Corridor Study may delay construction.
4	38	S	\$1,048,025	7	2,234	Six foot wide concrete sidewalk. Beck Road Widening may delay construction.
5	153	S	\$65,764	2	501	Six foot wide concrete sidewalk. Steep slopes.
6	66	Р	\$113,593		293	Eight foot wide asphalt sidewalk along south side of Grand River Ave. To be constructed along with Development on Main Street.
7	18a	S	\$305,457		2,923	Six foot wide concrete sidewalk.
8	93b	S	\$656,144	2	619	Six foot wide concrete sidewalk along north side of Nine Mile Rd. Construct with the Taft/9 Mile Roundabout.
9	53	Р	\$270,237	2	323	Eight foot wide asphalt pathway. Beck Road Widening may delay construction.
10	84b	S	\$1,306,471		2,380	Six foot wide sidewalk and about 700 Ft of Boardwalk near Chattam. Steep ditches.
11	32a	S	\$372,636	1	1,347	Six foot wide concrete pathway. Possible integration with Twelve Mile and Novi intersection rehabilitation
12	84a	S	\$1,306,470		2,323	Six foot wide concrete pathway.
13	93a	S	\$656,143		1,122	Six foot wide concrete pathway. Retaining wall required.
14	99a	Р	\$1,033,146	8	2,739	Estimate is from Wixom to Valencia Estates.
15	68	Р	\$163,841	1	802	Eight foot wide asphalt pathway. Dependent on the Jaguar site development.
16	119a	S	\$888,436	4	1,075	Six foot wide concrete pathway. Steep slopes – will need to enclose the ditches with storm sewer
17	90	Р	\$1,009,718	2; Railroad R.O.W.	2,122	Eight foot wide asphalt pathway. May require boardwalk.
18	58b	S		2	5,553	Six foot wide concrete sidewalk. To be completed after Beck Road Widening
19	82b	S		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.
20	18b	S	\$301,068	1	2,027	Six foot wide concrete sidewalk.
21	58a	S			1,228	Six foot wide concrete sidewalk. Beck Road Widening may delay construction.



Map 2: 2018-2019 Top 20 Priority Pathway and Sidewalk Segments Fourteen Mile Rd South Lake Dr West Rd Rank 7 - No. 18a Rank 20 - No. 18b Twelve Mile Rd Twelve Mile Rd Rank 4 - No. 38 Rank 6 - No. 66 Eleven Mile Rd Rank 15 - No. 68 Rank 18 - No. 58b Rank 1 - No. 80b Rank 17 - No. 90 Deferred - No. 80b Rank 14 - No. 99a Rank 12 - No. 84a Rank 11 - No. 82b Rank 10 - No. 84b Rank 16 - No. 119a Rank 13 - No. 93a Rank 5 - No. 153 **Eight Mile Rd**

Annual Non-Motorized Prioritization: 2018-2019 Update

Top 20 Priority Segments

- Top 20 Priority Segments
- Deferred 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: October 15, 2018
Project: 2018 Non-Motorized Update
Version #: 2.0

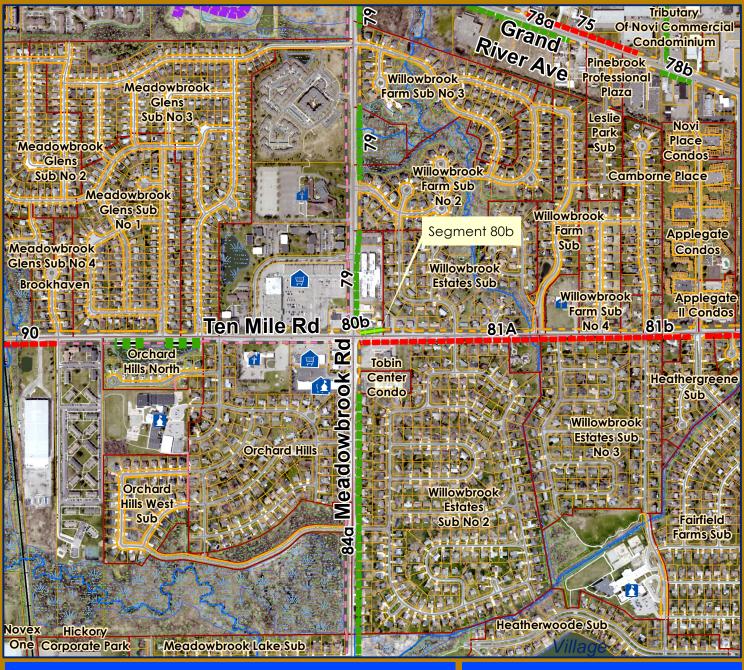


MAP INTERPRETATION NOTICE



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

Rank 1: Segment 80b (Deferred) Sidewalk north of Ten Mile from Meadowbrook to Willowbrook Estates: 198 ft.







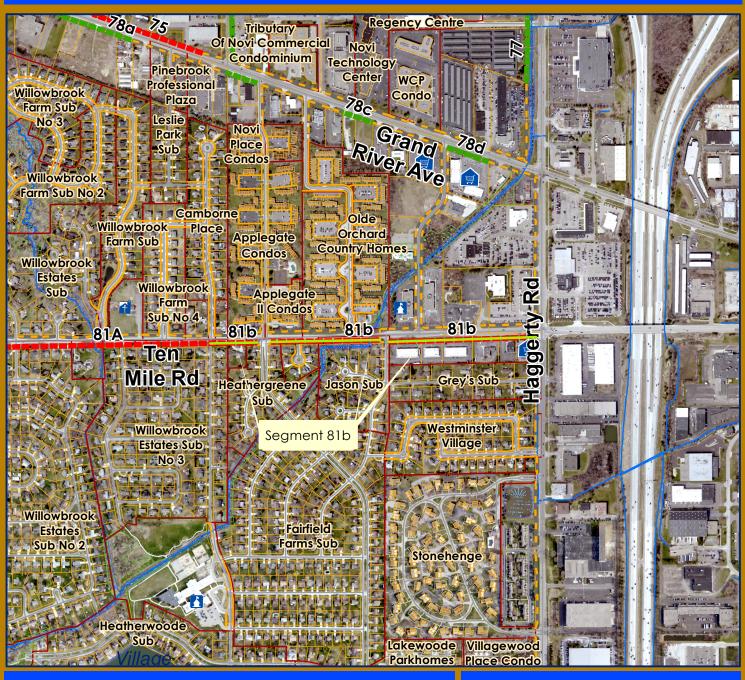
City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments
Date: October 15, 2018
Map Author: Sri Komaragiri
Version #:1.0

0 120 240 480 720 960 Feet 1 inch = 850 fee

Rank 2: Segment 81b Pathway south of Ten Mile Road from Willowbrook to Haggerty: 2,634 ft.





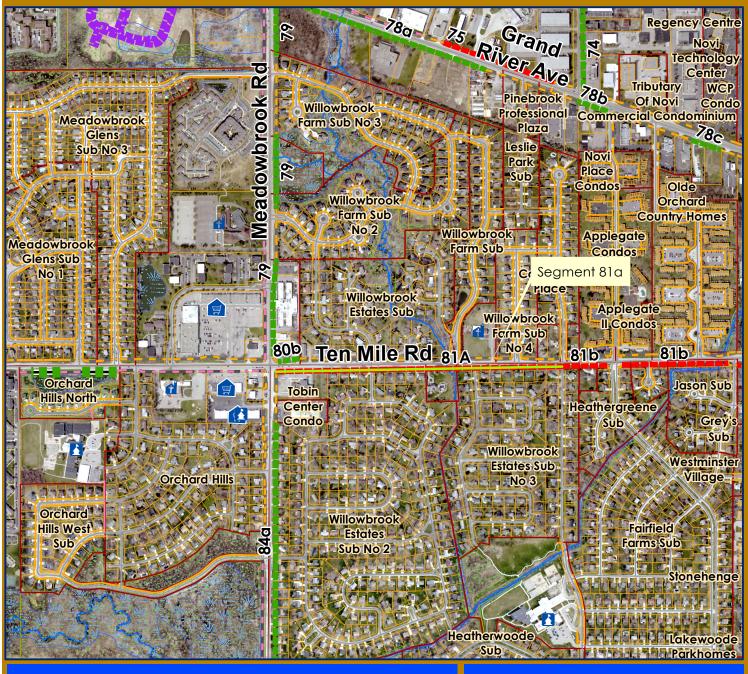


City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri Version #:1.0

Pathway south of Ten Mile Road from Meadowbrook to Willowbrook: 2,529 ft.





Future_Pathway Major
Future_Pathway_Multi-Use
Future_Sidewalk Local
Future_Sidewalk Major
Existing_Pathway Major
Existing_Pathway Local

Existing_Sidewalk Major
Existing_Sidewalk Local

Developments

Wetlands

Woodlands

Civic Center

Library

e Places of Worship

flaces of Worship-Hindu

School

🛒 Shopping - Major

Shopping Plaza

Hotels



Version #:1.0

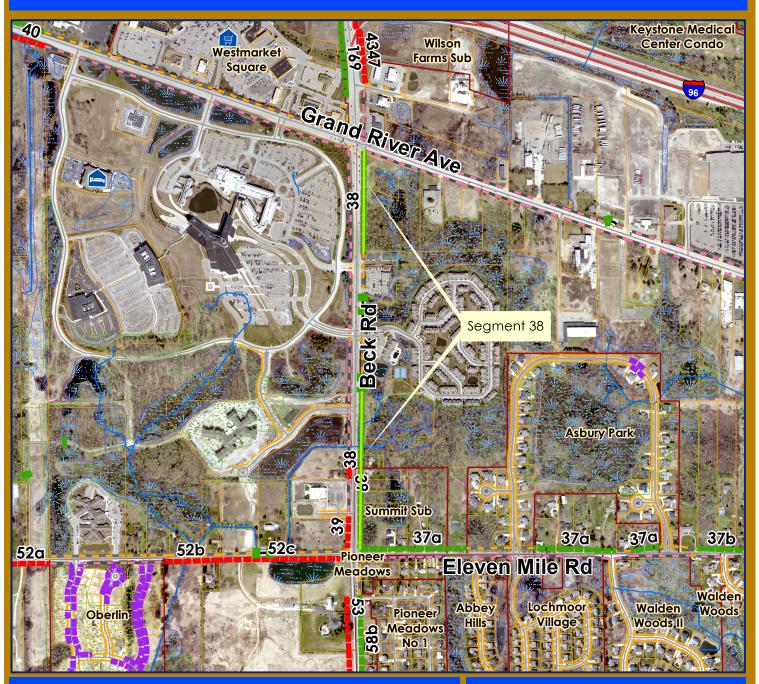
City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments
Date: October 15, 2018
Map Author: Sri Komaragiri

0 120 240 480 720 960 Feet 1 inch = 850 fe

Rank 4: Segment 38 (CIP 23-24) Sidewalk east of Beck Road from Eleven Mile to Grand River: 2,234 ft.



LEGEND

Future_Pathway Major
Future_Pathway_Multi-Use
Future_Sidewalk Local
Future_Sidewalk Major
Existing_Pathway Major
Existing_Pathway Local
Existing_Sidewalk Major

Existing_Sidewalk Local

Developments

Wetlands

Woodlands

Civic Center

Library

e Places of Worship

flaces of Worship-Hindu

School

Shopping - Major

Shopping Plaza

Hotels



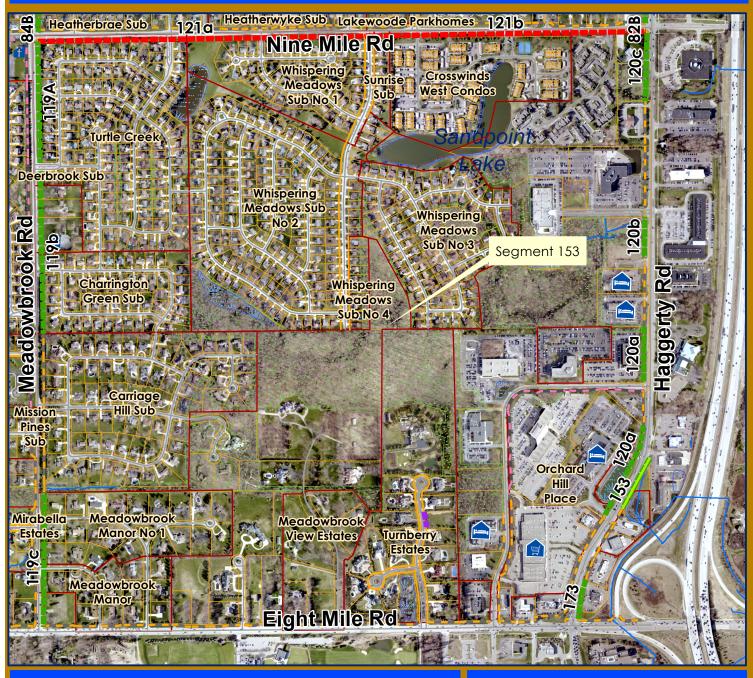
City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

Version #:1.0

Rank 5: Segment 153 Sidewalk east of Haggerty Road from City limits to Taco Bell: 501 ft.





Future_Pathway Major
Future_Pathway_Multi-Use
Future_Sidewalk Local
Future_Sidewalk Major
Existing_Pathway Major
Existing_Pathway Local
Existing_Sidewalk Major
Existing_Sidewalk Local
Developments
Wetlands
Wetlands

Woodlands

lse 💪

Civic Center

Library

Places of Worship

flaces of Worship-Hindu

School



Shopping - Major



Shopping Plaza



Hotels



City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018

Map Author: Sri Komaragiri Version #:1.0

0 120 240 480 720 960 Feet 1 inch = 849 feet

Rank 6: Segment 66 (CIP 20-21) Pathway south of Grand River Avenue from Sixth Gate to Main Street: 293 ft.



LEGEND

Future_Pathway Major
Future_Pathway_Multi-Use
Future_Sidewalk Local
Future_Sidewalk Major
Existing_Pathway Major
Existing_Pathway Local
Existing_Sidewalk Major

Existing_Sidewalk Major
Existing_Sidewalk Local

Developments

Wetlands

Woodlands

Civic Center

Library

e Places of Worship

flaces of Worship-Hindu

School

Shopping - Major

Shopping Plaza



Hotels



Version #:1.0

City of Novi

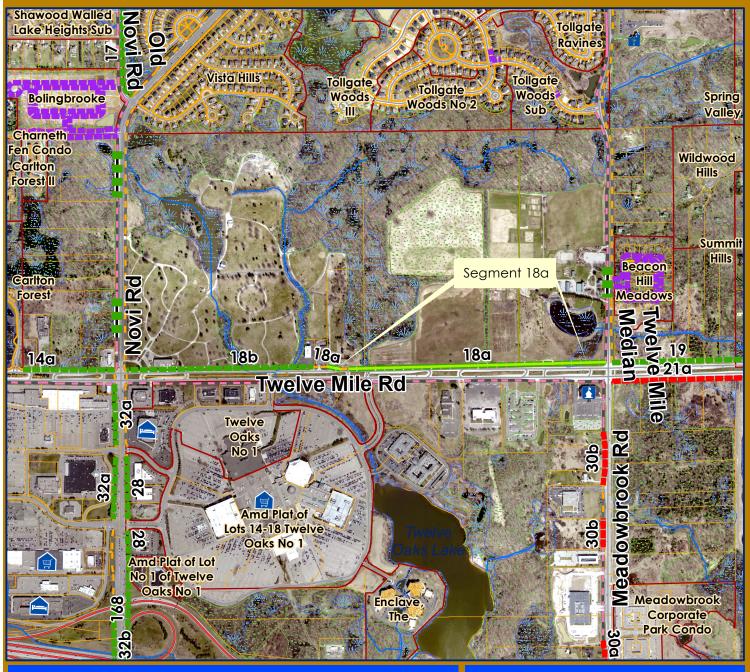
Dept. of Community Development City Hall / Civic Center 45175 W Ten Mile Rd Novi, MI 48375 cityofnovi.org

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

0 95 190 380 570 760 Feet 1 inch = 667 fee

Rank 7: Segment 18a

Sidewalk north of Twelve Mile Road from Twelve Oaks to Meadowbrook: 2,923 ft.



LEGEND

Future_Pathway Major
Future_Pathway_Multi-Use
Future_Sidewalk Local
Future_Sidewalk Major
Existing_Pathway Major
Existing_Pathway Local
Existing_Sidewalk Major
Existing_Sidewalk Local
Developments

Developments

Wetlands

Woodlands

Civic Center

Library

Places of Worship

flaces of Worship-Hindu

School

🗐 Shopping - Major

Shopping Plaza

Hotels



City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments
Date: October 15, 2018
Map Author: Sri Komaragiri
Version #:1.0

0 145 290 580 870 1,160 Feet 1 inch = 1,042 feet

Rank 8: Segment 93b (CIP 23-24) Sidewalk north of Nine Mile Road from Plaissance to Taft: 619 ft.



LEGEND Future_Pathway Major Civic Center Future_Pathway_Multi-Use i Library Future_Sidewalk Local ď Places of Worship Future_Sidewalk Major đ Places of Worship-Hindu Existing_Pathway Major Existing_Pathway Local School Existing_Sidewalk Major Shopping - Major Existing_Sidewalk Local Developments Shopping Plaza Hotels Woodlands



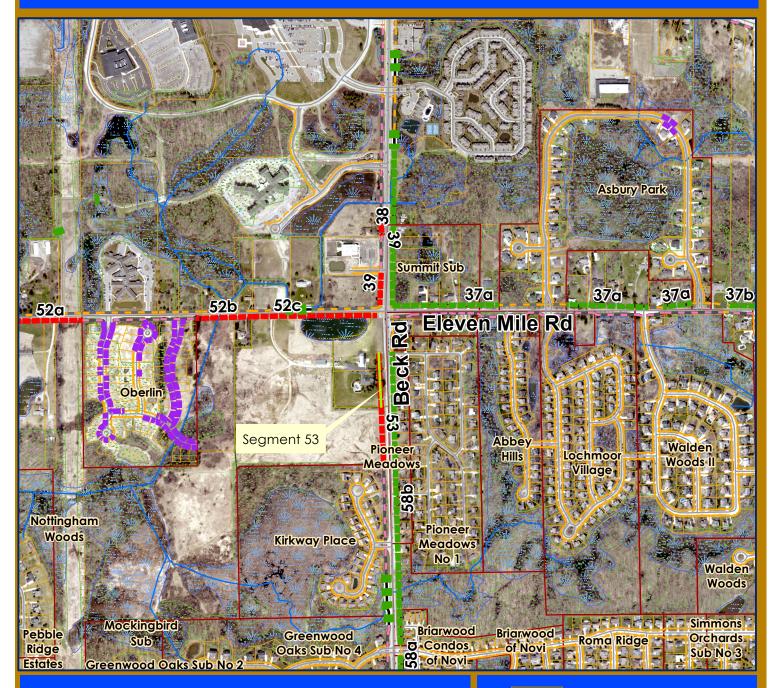
City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri Version #:1.0

0 95 190 380 570 760 Feet 1 inch = 667 fee

Rank 9: Segment 53 Pathway west of Beck Road along Bosco House: 323 ft.





Existing_Sidewalk MajorExisting_Sidewalk Local

_____ Developments

Wetlands

Woodlands

LEGEND



Library

Places of Worship

Places of Worship-Hindu

School

Shopping - Major

Shopping Plaza





Version #:1.0

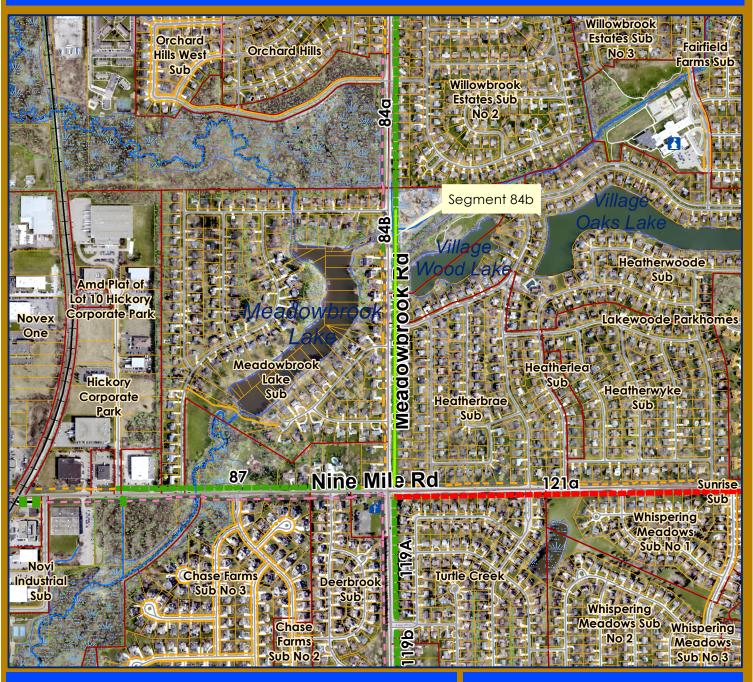
City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

0 115 230 460 690 920 Feet 1 inch = 833 feet

Rank 10: Segment 84b (CIP 23-24) Sidewalk east of Meadowbrook from Nine Mile to Chattman: 2,380 ft.







City of Novi

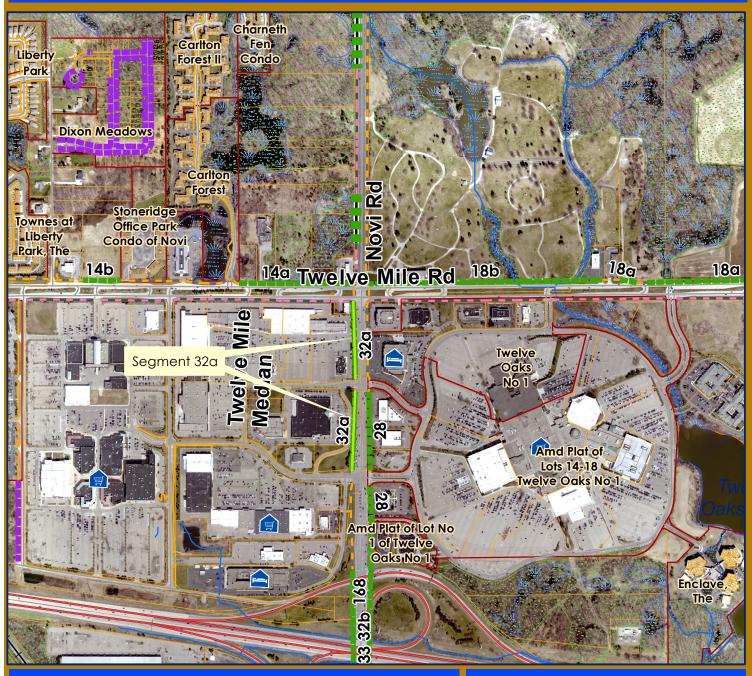
Dept. of Community Development City Hall / Civic Center 45175 W Ten Mile Rd Novi, MI 48375 cityofnovi.org

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

Version #:1.0

0 115 230 460 690 920 Feet 1 inch = 833 fee

Rank 11: Segment 32a Sidewalk west of Novi Road from Twelve Oaks Drive to Twelve Mile: 1,347 ft.





Future_Pathway Major
Future_Pathway_Multi-Use

Future_Sidewalk Local

Future_Sidewalk Major
Existing_Pathway Major

Existing_Pathway MajorExisting_Pathway Local

Existing_Sidewalk MajorExisting_Sidewalk Local

Developments

Wetlands
Woodlands

Civic Center



Places of Worship

Places of Worship-Hindu

School



Shopping - Major



Shopping Plaza



Hotels



City of Novi

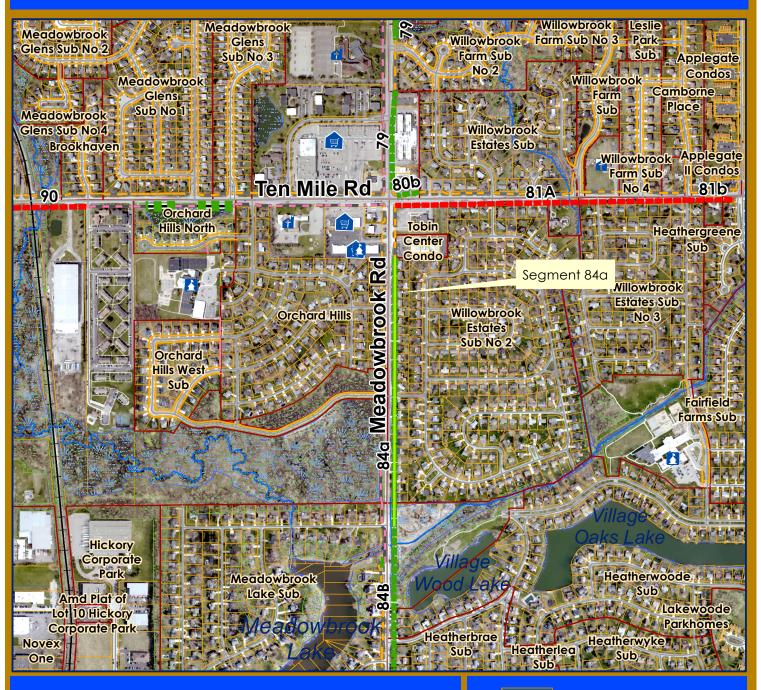
Dept. of Community Development City Hall / Civic Center 45175 W Ten Mile Rd Novi, MI 48375 cityofnovi.org

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

Version #:1.0

0 115 230 460 690 920 Feet 1 inch = 833 feet

Rank 12: Segment 84a (CIP 23-24) Sidewalk east of Meadowbrook Road from Ten Mile to Chattman: 2,323 ft.





Future_Pathway MajorFuture_Pathway_Multi-Use

Future_Sidewalk Local

Future_Sidewalk Major
Existing_Pathway Major

Existing_Pathway Local
Existing_Sidewalk Major

----- Existing_Sidewalk Local

Developments

Wetlands

Woodlands

Civic Center

Library

flaces of Worship

Places of Worship-Hindu

School

Shopping - Major

Shopping Plaza



Hotels



Version #:1.0

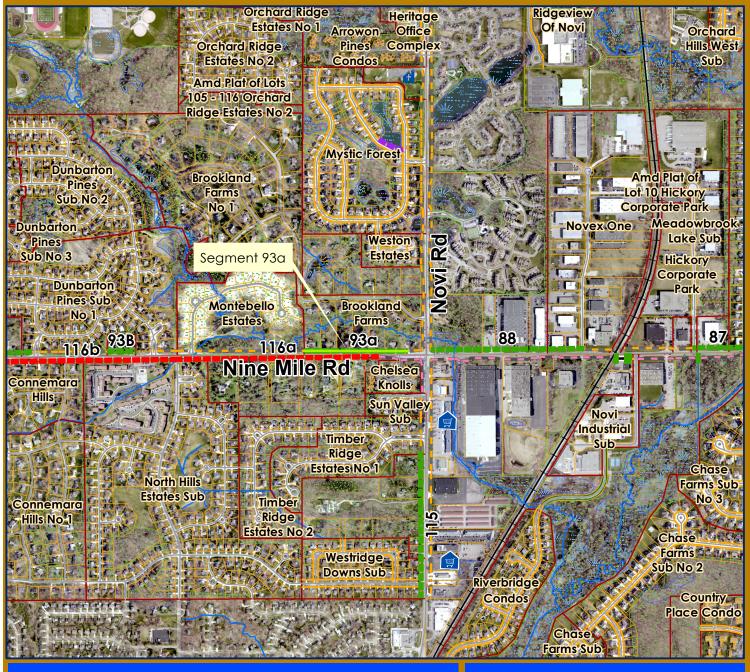
City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

0 115 230 460 690 920 Feet 1 inch = 833 fee

Rank 13: Segment 93a (CIP 23-24) Sidewalk north of Nine Mile Road from Novi Road to Plaissance: 1,122 ft.







City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri Version #:1.0

0 145 290 580 870 1,160 Feet 1 inch = 1,042 feet

Rank 14: Segment 99a (CIP 23-24) Pathway south of Ten Mile Road from Valencia to 400' E of Lynwood: 2,739 ft.







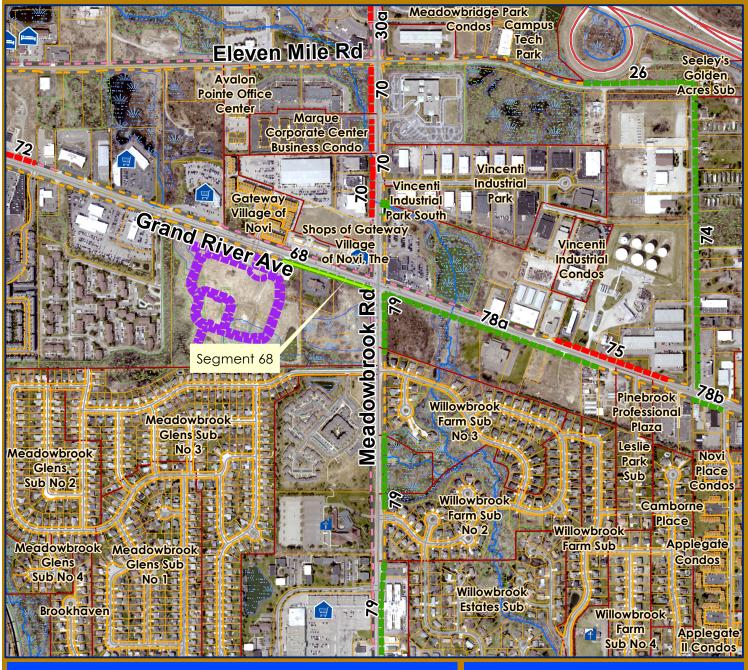
City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri Version #:1.0

0 115 230 460 690 920 Feet 1 inch = 833 fee

Rank 15: Segment 68 Pathway south of Grand River from Huntley Manor to Meadowbrook: 802 ft.





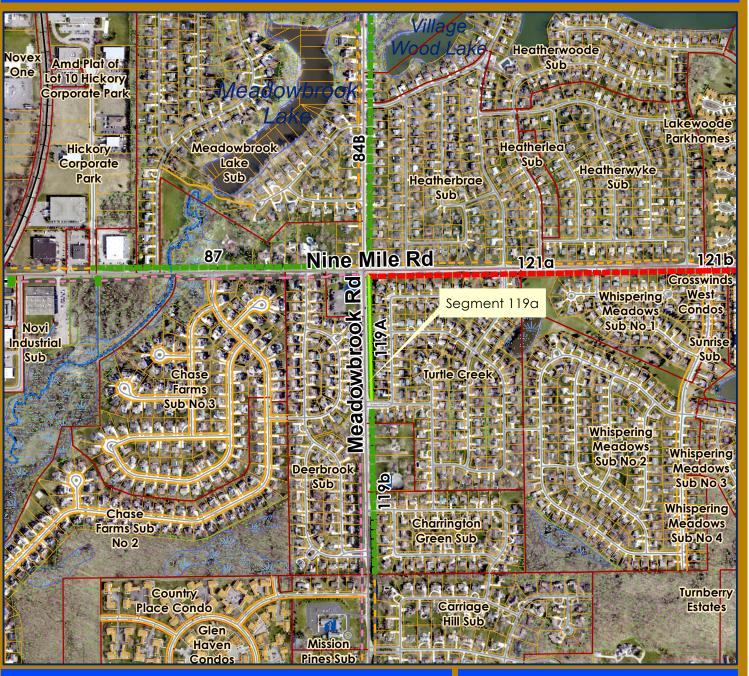


City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri Version #:1.0

Rank 16: Segment 119a (CIP 21-22) Sidewalk east of Meadowbrook Road from Nine Mile to Singh Blvd: 1,075 ft.







City of Novi

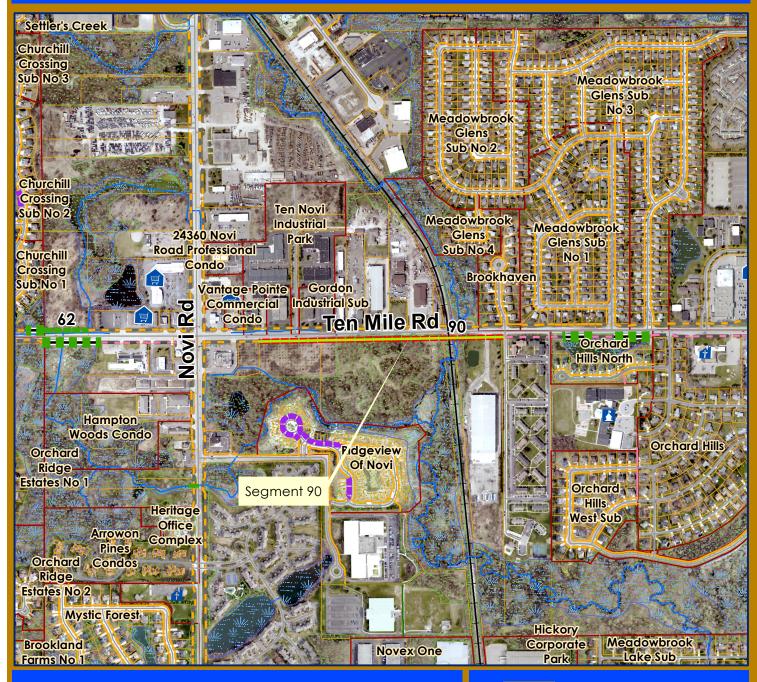
Dept. of Community Development City Hall / Civic Center 45175 W Ten Mile Rd Novi, MI 48375 cityofnovi.org

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

Version #:1.0

0 115 230 460 690 920 Feet 1 inch = 833 fee

Rank 17: Segment 90 Pathway south of Ten Mile Road from Chipmunk Trail to Maly Dental: 2,122 ft.



LEGEND

Future_Pathway Major Future_Pathway_Multi-Use Future_Sidewalk Local Future_Sidewalk Major Existing_Pathway Major Existing_Pathway Local Existing_Sidewalk Major Existing_Sidewalk Local Developments

Wetlands Woodlands Civic Center

ie Library

Places of Worship

đ Places of Worship-Hindu

School

Shopping - Major

Shopping Plaza

Hotels



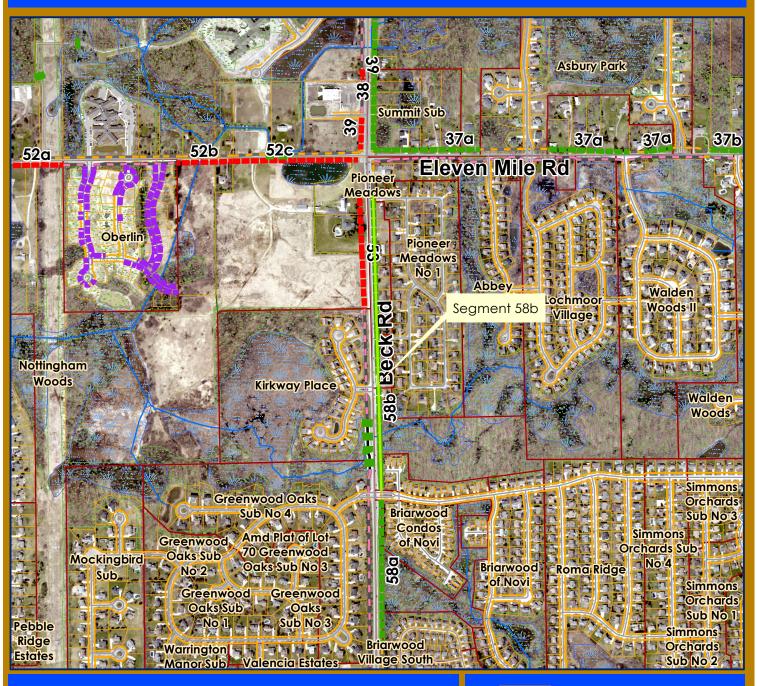
Version #:1.0

City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

Rank 18: Segment 58b Sidewalk east of Beck Road from Cider Mill to Sierra: 2,553 ft.



LEGEND

Future_Pathway Major
Future_Pathway_Multi-Use
Future_Sidewalk Local
Future_Sidewalk Major
Existing_Pathway Major
Existing_Pathway Local

Existing_Sidewalk Major
Existing_Sidewalk Local

Developments

Wetlands

Woodlands

Civic Center

Library

flaces of Worship

flaces of Worship-Hindu

School

Shopping - Major

Shopping Plaza

Hotels



City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

Version #:1.0

115 230 460 690 920 Feet 1 inch = 833 fee

Sidewalk west of Haggerty Road from Pavilion Ct Apartments to Nine Mile: 539 ft.







Version #:1.0

City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

0.415,000 460 600 000 Fact 4: 1 000 6

Rank 20: Segment 18b Sidewalk north of Twelve Mile Road from Novi Road to Twelve Oaks: 2,027 ft.





Future_Pathway Major Future_Pathway_Multi-Use

Future_Sidewalk Local

Future_Sidewalk Major Existing_Pathway Major

Existing_Pathway Local

Existing_Sidewalk Major Existing_Sidewalk Local

Developments

Woodlands Civic Center

i Library

ď Places of Worship

đ Places of Worship-Hindu

School

Shopping - Major

Shopping Plaza

Hotels



Version #:1.0

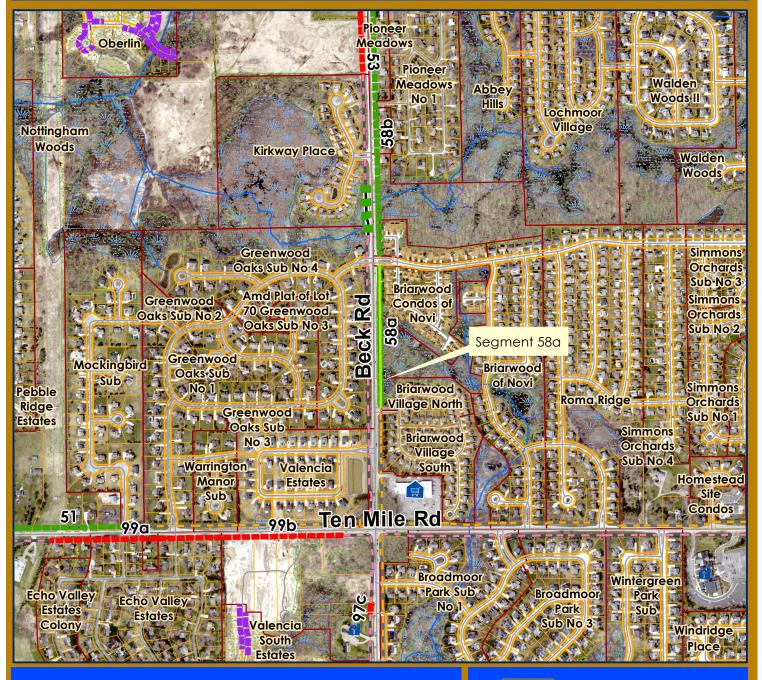
City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments Date: October 15, 2018 Map Author: Sri Komaragiri

Map information depicted is not intended to replace or substitute for

Rank 21: Segment 58a Sidewalk east of Beck Road from Ashley to Cider Mill: 1,228 ft.







City of Novi

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

Project: 2018-19 Top 20 Priority Path and Sidewalk Segments
Date: October 15, 2018
Map Author: Sri Komaragiri
Version #:1.0

0 115 230 460 690 920 Feet 1 inch = 833 fee

Chapter 4: NON-MOTORIZED PLAN 2016-2017 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. 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 Improv	ements as	of 2016
Туре	# 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

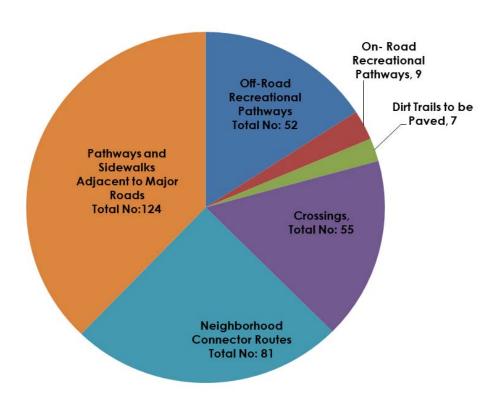


Figure 4.1: Summary of the Proposed Total Non-Motorized Improvements as of 2016 by count



Replacement of existing sidewalk and culvert stabilization: northside of Grand River Avenu, west of Haggerty Riad (Mercedes Benz Showroom)





ITC Trail from Nine Mile Road to Eleven Mile Road under construction





Taft Road Rehabilitation: Bike Lanes

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
OII-R	oau	IIalis	o & Pa	iuns						
4064	31	2	PR	ITC Sports Center Park	ITC to Eight Mile	3,259	10	Α	R	17-18 CIP; TAP Grant Awarded
4014	17	3	PP	Wildlife Woods Park	ITC to Wixom	3,393	10	Α	Р	
4077	23	1	PP	Main St path	Capitol to Cherry Hill	779	10	А	Р	
4296	27	0	PP	Civic Center	Ten Mile to Novi Way	420	5	С	Р	
4002	30	2	PR	Undeveloped Park/ ITC Corridor	Nine to Ten Mile	3,647	10	Α	R	19-20 CIP; Greenway Phase 2
4295	27	0	PP	Civic Center/ Power Park	Novi Way to play ground	676	5	С	Р	was seg 127B
4030	26	1	PP	Orchard Hills West	Mallot to Chattman	860	10	Α	L	NC-3
4010	3	2	PR	Lakeshore Park	Parking lot to 12 1/2	3,513	10	Α	L	
4011	3	2	PR	Lakeshore Park	West Park to parking lot	5,759	10	Α	R	
4012	15	2	PP	I-96	RR to Meadowbrook	9,677	10	Α	L	
4020	25	2	PP	Village Wood Lake	Meadowbrook to Village Wood	1,147	10	Α	L	
4022	27	2	PP	Power Park	Taft to existing path	1,772	10	Α	Р	
4023	27	2	PP	Power Park	Jonathan to park path	1,079	10	Α	Р	
4028	17	2	PP	Beck to ITC	ITC to Cheltenham	1,878	10	Α	L	
4037	26	2	PP	Orchard Hills West	Meadowbrook to Balcombe	1,804	10	Α	L	
4039	26	2	PP	Novi Ridge Orchard Hills	Balcombe to RR	1,068	10	Α	L	
4040	26	2	PP	Ice Arena	RR to River Oaks	1,540	10	Α	L	
4049	4	2	PR	Beck North	Spring Lake to West Park	4,209	10	Α	R	
4050	4	2	PR	The Springs Apartments	Fireside to Beck North	1,256	10	Α	R	
4066	3	2	PR	Lakeshore Park	Parking to South Lake	1,388	10	Α	R	

Legend

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	Туре	Location	From / To	Length (ft.)	Width (ft)	Surface	Classification	CIP Budget Year or Scheduled Segment Notes
4067	3	2	PR	Lakeshore Park	trail head to parking	291	10	Α	R	
4005	17	3	PP	ITC Corridor	s. Providence to Mid Providence	1,999	10	Α	L	
4006	17	3	PP	ITC Corridor	Grand River to 12 Mile	773	10	Α	R	
4007	17	3	PP	Providence Park Hospital	Central Providence to Grand River	1,366	10	Α	R	
4015	29	3	PP	Nottingham Woods	Woodworth to ITC	1,777	10	Α	L	
4016	20	3	PP	Mockingbird	Sandpiper to ITC	557	10	Α	L	
4017	22	3	PP	East of Taft Rd.	Kerri to Taft a	1,590	10	Α	L	
4018	22	3	PP	Cedar Springs	Kerri to Taft b	312	10	Α	L	
4021	26	3	PP	River Oaks	Portage Way east boundary	353	10	Α	L	
4024	27	3	PP	Dunbarton Pines	midway to Park	2,002	10	Α	L	
4025	11	3	PP	Tollgate Farms	Steinbeck to 12 Mile	4,407	10	Α	L	
4026	21	3	PP	Yorkshire to Taft Rd	Emerald Forest to Taft	767	10	А	L	
4027	35	3	PP	Chase to Novi Rd.	Novi to Asbury	306	10	Α	L	
4031	2	3	PP	Maples Chateau Estates	Independence to La Roi	1,270	10	Α	L	
4033	27	3	PP	Orchard Ridge Arowon	Greening to Algonquin	787	10	Α	L	
4035	26	3	PP	Whispering Meadows Orchard Hil	Sovoio to Orchard Hills	1,324	10	А	L	
4038	27	3	PP	Arrowon Pines	Algonquin to Mystic Forest	135	10	Α	L	
4041	26	3	PP	Orchard Hill	Tammera to Aspen	578	10	А	L	

Le Bost to Park

Collingdale to

Victoria to Island

Clark to Thatcher

Kingsley

Lake

324

2,807

2,832

147

10

10

10

10

A L

A L

A L

A L

Willowbrook

Dutch

Haverhill Maples

Knightsbridge Old

Churchill to Clark

PΡ

PP

PΡ

PP

4042

4044

4045

4046

25

36

19 3

22

3

3

3

Legend

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

	Sc	hedu	led Se	gment CIP Bud	dget Year					
Segment Item #	Section #	No Mo Phase	Туре	Location	From / To	Length (ft.)	Width (ft)	Surface	Classification	CIP Budget Year or Scheduled Segment Notes
4047	15	3	PP	CSX	under 96	403	10	Α	L	
4048	15	3	PP	I-96	Taft to RR	2,065	10	Α	L	
4051	11	3	PP	Tollgate Woods	Steinbeck to west	164	10	Α	L	
4052	11	3	PP	Tollgate Woods to Vista	Steinbeck to Sandstone	646	10	Α	L	
4053	21	3	PP	Walden Simmons Orchard	Arcadia to Cidermill	1,137	10	А	L	
4054	22	3	PP	Legacy Park	10 Mile to Laurel	2,766	10	Α	L	
4055	22	3	PP	Churchill to Novi Rd	Thatcher to Novi	1,624	10	Α	L	
4063	16	3	PP	Taft Rd	GR to 96	1,373	10	Α	. L	
4116	4	3	PR	Portsmouth	Pontiac Trail to Spring Lake	1,198	8	А	R	
4198	30	3	PP	Singh Trail	10 to 9 mile	10,106	10	Α	L	
Off-Ro	oad Tr	ails &	Paths	Total		86,006				
Plann	ed O	n-Ro	ad Re	gional						
4340	12	2	OR	Thirteen Mile S. side	M-5 to Meadowbrook	2,817	10	Α	R	Metro Connector Phase 2
4341	11	3	OR	Meadowbrook E. side	12 to 13 Mile	5,117	10	Α	R	
4345	9	3	OR	West Park W. side	West to 12 Mile	4,982	10	Α	R	
4348	16	3	OR	Beck E. side	GR north 250 ft	250	10	Α	R	
4343	17	3	OR	Eleven Mile N. side	ITC to Wixom	2,550	10	Α	R	
4346	17	3	OR	Beck E. side	Providence to Grand River	2,200	10	Α	R	
4344	19	3	OR	Wixom W. side	590 ft N. of Ten Mile to Eleven Mile	4,752	10	Α	R	
4351	19	3	OR	Wixom W. side	Ten Mile 590 ft	590	10	Α	R	was seg 48

4351	19	3	OR	Wixom W. side	Ten Mile 590 ft north	590	10	Α	R	was seg 48
4347	9, 16	3	OR	Beck E. side & 12 Mile S. side	Bank, I-96, West Park	4,488	10	Α	R	was seg 151 & 161
Planne	ed On	-Roa	d Regio	nal Total		27,746				
D: 1.7				·						<u> </u>
Dirt Ira	alls to	be I	Paved							
4297	27	2	DP DP	Power Park		1,185	10	Α	. P	
				Power Park Power Park		1,185 853	10		. P	

Legend

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	Туре	Location	From / To	Length (ft.)	Width (ft)	Surface	Classification	CIP Budget Year or Scheduled Segment Notes
4300	35	3	OR	Chase Farms		596	10	ΑP		
4301	35	3	OR	Rotory Park		2,577	10	ΑP		
4302	35	3	OR	Chase Farms		2,831	10	ΑP		
4303	35	3	OR	Rotory Park		750	10	ΑP		
Dirt Tra	ils To	Be Pa	aved 1	· fotal		12,086				

TABLE 4.3: P	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

Crossing Item #	No Mo Phase	Proposed	Location	Notes
5027	2	mid-block	Eleven Mile & ITC path	signage, ramps and crosswalk with foot trail seg 3004 mid block crossing with road project
5029	2	ramps signs	Nine Mile & ITC path	
5030	2	ramps signs	Garfield & ITC path	
5039	2	bike cossing 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

Crossing Item #	No Mo Phase	Proposed	Location	Notes
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
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
	55	TOTAL PLANNED CROS	SSING IMPROVEMENTS	

Segme nt Item	No Mo Master Plan Priority	Location	From/To	Length Notes
# 9067	0	Algonquin Little Falls	Little Rapids west	2,521
9060	0	Bristol	West Park to Pennington	1,713
9113	0	Caberet	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
145	1	Clark	Eleven Mile south end	2,613
9082	1	Congress	Constitution to Capitol	759
057	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
	•			.,

Segme nt Item	No Mo Master Plan Priority	Location	From/To	Length (ft.)	Notes
" 9119	2	Bristol	West Park west part off road	3,060	
9012	2	Brownstone	Meadowbrook to Hemingway	1,105	
9058	2	Chase	Reindeer to 9 Mile	1,436	
9026	2	Cresentwood 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 Savoie	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	
, , , , ,	J	TOTAL DOLLMA	TOTT WING TO DIGRES Day	2,700	

MAP 3: Non-Motorized Plan 2016-2017 Update

IADLL	4.5. Pror	osed Adi	acent to	Major Poads Pathway	y and Sidewalk Segmen	ts: Tier 1 Category Pan	nkings			ed adjacent to roac he City, the segme										jment's poter	ntial service b	enefits to	the
	4.5. FIUL	oseu Auj	acent to	iviajoi koaus railiway	y and sidewalk segmen	is. Her i Category kan	ikiliys		TIER 1 CAT		ilis ale latikeu	by the her i points	o a lite se	gments	receiving t	ne top zo p	oirits are assi	gried fiel 2	points				
			Side of Street	Location	From	То		Segme nt 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		
				· ·		•									1	per catego		T	T a = 1/0 :	T = .			
SEGMENT RANK	Item #	walk P= 8 ft. pathway	th	ne street - note that th connectivity & must L	or sidewalks on most of these segments may be obtained analyzed separately separately king segment planned f	critical for system for connectivity	Segment	Segments (400 ft or less)	CIP Budget Year	5 points = 1 accident 10 = 2 accidents 15 = 3 accidents 20 = 4 or more accidents	0 = <10K ADTs", 5 = 10K- 20K ADTs 10 = >20K ADTs Then multiplied by 1<35mph,	4.5 = 1 school 9 = 2+ schools	4 = 1 park 8 = 2+ parks	3.5 = 1 hotel 7 = 2+ hotel s	3.5 = 1 shoppi ng area 7 = 2+ shoppi ng areas	3.5 = 1 places of worship 7 = 2+ places of worship	3.5 = connecte d to neighbori ng sidewalk system 7 = connecte d to	0 = low density 8 = medium density 16 = high density	3.5 = 1/2 to 1 mile 7 = over 1 mile	5 = top 15 survey responses , resident petitions & documen ted segments	20 = initial investme nt 15 = major corridor	1 POINTS	RANKING
VERALL SE	gment Ite	ction #	of the	street - note that thes	se segments may be crit alyzed separately for col	tical for system	Pieces in	Short S			1.2 for 35- 40mph & 1.5 for >=45 mph						regional trail system			requeste d by groups & govt agencies		TOTAL TIER	TIER 1 RAN
	Segm				[]	et mote that these segme	enis may bi	e critical fo	r system conne	ectivity & must be ana	lyzed separately	for connectivity											
	Short	ents with a			for the opposite side of the																		
1	Short 80b		(400 ft. or I	cip Buc	for the opposite side of the	street - note that these se							6	0	7	4	0	14	7	5	20	90	1
1 2		Segments 24 S	(400 ft. or I	Ten Mile	for the opposite side of the	street - note that these se erred until construction Willowbrook	egments m	ay be critic		onnectivity & must be	analyzed separa	ately for connectivity	6 0	0 0	7 7	4 4	0	14 14	7	5	20 20	90	1 2
1 2 3	80b 81b 81a	24 S 25 P 25 P	north south	Ten Mile Ten Mile Ten Mile	for the opposite side of the dget Year Defe Meadowbrook Willowbrook Meadowbrook	street - note that these se erred until construction Willowbrook Estates Haggerty Willowbrook	1 3	198 2,634 2,529	al for system c	onnectivity & must be	7.5 7.5 7.5	9 4.5	0	0	7 7 7	4 4 4	0	14	7 0	5 5	20	89 87	2
3	80b 81b 81a 38	24 S 25 P 25 P 16 S	north south south east	Ten Mile Ten Mile Ten Mile Beck	for the opposite side of the dget Year Defe Meadowbrook Willowbrook Meadowbrook Eleven Mile	street - note that these served until construction Willowbrook Estates Haggerty Willowbrook Grand River	1 3 1 2	198 2,634 2,529 2,234		10 20 20 15	7.5 7.5 7.5 15	9 4.5 9	0 0 6	0 0 2	7 7 7 3.5	4 4 0 0	0 0 14	14 14 7	7 0 7	5 5 0	20 20 0	89 87 79	3 5
3 4 5	80b 81b 81a 38 153	24 S 25 P 25 P 16 S 36 S	north south south east east	Ten Mile Ten Mile Ten Mile Beck Haggerty	for the opposite side of the dget Year Defe Meadowbrook Willowbrook Meadowbrook Eleven Mile City limits	street - note that these served until construction Willowbrook Estates Haggerty Willowbrook Grand River Taco Bell	1 3 1 2 1	198 2,634 2,529 2,234 501	al for system c	10 20 20 15 10	7.5 7.5 7.5 15	9 4.5 9 0	0 0 6 0	0	7 7 7 3.5 3.5	0	0 0 14 14	14 14 7 14	7 0	5 5 0 0	20 20 0 0	89 87 79 64	2 3 5 17
3	80b 81b 81a 38	24 S 25 P 25 P 16 S 36 S 23 P	north south south east east south	Ten Mile Ten Mile Ten Mile Beck	for the opposite side of the dget Year Defe Meadowbrook Willowbrook Meadowbrook Eleven Mile	street - note that these served until construction Willowbrook Estates Haggerty Willowbrook Grand River Taco Bell Main Street	1 3 1 2 1	198 2,634 2,529 2,234 501 293	al for system c	10 20 20 15	7.5 7.5 7.5 15	9 4.5 9	0 0 6	0 0 2 0	3.5		0 0 14	14 14 7	7 0 7 7	5 5 0	20 20 0	89 87 79 64 70	3 5
3 4 5 6 7	80b 81b 81a 38 153 66 18a	24 S 25 P 25 P 16 S 36 S 23 P 11 S	north south south east east south north	Ten Mile Ten Mile Ten Mile Beck Haggerty Grand River	for the opposite side of the dget Year Defe Meadowbrook Willowbrook Meadowbrook Eleven Mile City limits Sixth Gate	street - note that these served until construction Willowbrook Estates Haggerty Willowbrook Grand River Taco Bell	1 3 1 2 1 2 2	198 2,634 2,529 2,234 501	al for system c	10 20 20 15 10	7.5 7.5 7.5 15 15 7.5	9 4.5 9 0 9	0 0 6 0	0 0 2 0 4	3.5	0	0 0 14 14 0	14 14 7 14 14	7 0 7 7 7	5 5 0 0	20 20 0 0	89 87 79 64 70 80	2 3 5 17 9
3 4 5 6 7	80b 81b 81a 38 153 66 18a	24 S 25 P 25 P 16 S 36 S 23 P 11 S	north south south east east south north	Ten Mile Ten Mile Ten Mile Beck Haggerty Grand River Twelve Mile	for the opposite side of the dget Year Defe Meadowbrook Willowbrook Meadowbrook Eleven Mile City limits Sixth Gate Twelve Oaks	street - note that these served until construction Willowbrook Estates Haggerty Willowbrook Grand River Taco Bell Main Street Meadowbrook	1 3 1 2 1 2 2	198 2,634 2,529 2,234 501 293 2,923	23-24 20-21	10 20 20 15 10 15 10	7.5 7.5 7.5 15 15 7.5 7.5	9 4.5 9 0 9	0 0 6 0 6 12	0 0 2 0 4 4	3.5 7 7	0 0 2	0 0 14 14 0	14 14 7 14 14 7	7 0 7 7 7	5 5 0 0 0	20 20 0 0 0	89 87 79 64 70 80 70	2 3 5 17 9 4
3 4 5 6 7 8	80b 81b 81a 38 153 66 18a 93b	24 S 25 P 25 P 16 S 36 S 23 P 11 S 27 S	north south south east east south north north west	Ten Mile Ten Mile Ten Mile Beck Haggerty Grand River Twelve Mile Nine Mile	for the opposite side of the dget Year Defe Meadowbrook Willowbrook Meadowbrook Eleven Mile City limits Sixth Gate Twelve Oaks Plaissance	street - note that these seemed until construction Willowbrook Estates Haggerty Willowbrook Grand River Taco Bell Main Street Meadowbrook Taft	1 3 1 2 1 2 2 2 1 1	198 2,634 2,529 2,234 501 293 2,923 619 323	23-24 20-21	10 20 20 15 10 15 10	7.5 7.5 7.5 15 15 7.5 7.5 0	9 4.5 9 0 9 4.5	0 0 6 0 6 12 6	0 0 2 0 4 4 0	3.5 7 7 3.5	0 0 2 0	0 0 14 14 0 14 0	14 14 7 14 14 7	7 0 7 7 7 7	5 5 0 0 0 0 0 5	20 20 0 0 0 0 0 20	89 87 79 64 70 80 70	2 3 5 17 9 4 8
3 4 5 6 7 8 9	80b 81b 81a 38 153 66 18a 93b 53	24 S 25 P 25 P 16 S 36 S 23 P 11 S 27 S	north south south east east south north north west east	Ten Mile Ten Mile Ten Mile Beck Haggerty Grand River Twelve Mile Nine Mile Beck	for the opposite side of the dget Year Defe Meadowbrook Willowbrook Meadowbrook Eleven Mile City limits Sixth Gate Twelve Oaks Plaissance Eleven Mile	street - note that these seemed until construction Willowbrook Estates Haggerty Willowbrook Grand River Taco Bell Main Street Meadowbrook Taft Kirkway Place	1 3 1 2 1 2 2 2 1 1 1	198 2,634 2,529 2,234 501 293 2,923 619 323	23-24 20-21 23-24	10 20 20 15 10 15 10 10	7.5 7.5 7.5 15 15 7.5 7.5 0 7.5	9 4.5 9 0 9 4.5 9	0 0 6 0 6 12 6 6	0 0 2 0 4 4 0 2	3.5 7 7 3.5 0	0 0 2 0	0 0 14 14 0 14 0	14 7 14 14 7 14 14 14	7 0 7 7 7 7 7	5 5 0 0 0 0 5 5	20 20 0 0 0 0 20 0	89 87 79 64 70 80 70 65	2 3 5 17 9 4 8 15
3 4 5 6 7 8 9 10	80b 81b 81a 38 153 66 18a 93b 53 84b	24 S 25 P 25 P 16 S 36 S 23 P 11 S 27 S 20 P 25 S	north south south east east south north north west east west	Ten Mile Ten Mile Ten Mile Beck Haggerty Grand River Twelve Mile Nine Mile Beck Meadowbrook	for the opposite side of the dget Year Defermed Meadowbrook Willowbrook Meadowbrook Eleven Mile City limits Sixth Gate Twelve Oaks Plaissance Eleven Mile Nine Mile	street - note that these seemed until construction Willowbrook Estates Haggerty Willowbrook Grand River Taco Bell Main Street Meadowbrook Taft Kirkway Place Chattman	1 3 1 2 1 2 2 2 1 1 1 2 2	198 2,634 2,529 2,234 501 293 2,923 619 323 2,380 1,347	23-24 20-21 23-24	10 20 20 15 10 15 10 10 0	7.5 7.5 7.5 15 15 7.5 7.5 7.5 5	9 4.5 9 0 9 4.5 9 9 4.5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 0 6 0 6 12 6 6	0 0 2 0 4 4 0 2	3.5 7 7 3.5 0	0 0 2 0 0	0 0 14 14 0 14 0 14	14 14 7 14 14 7 14 14	7 0 7 7 7 7 7 7	5 5 0 0 0 0 5 5 5	20 20 0 0 0 0 20 0 20	89 87 79 64 70 80 70 65 71	2 3 5 17 9 4 8 15
3 4 5 6 7 8 9 10 11 12	80b 81b 81a 38 153 66 18a 93b 53 84b	24 S 25 P 25 P 16 S 36 S 23 P 11 S 27 S 20 P 25 S 15 S	north south south east east south north north west east west	Ten Mile Ten Mile Ten Mile Beck Haggerty Grand River Twelve Mile Nine Mile Beck Meadowbrook Novi Rd. Meadowbrook	for the opposite side of the dget Year Defermed Meadowbrook Willowbrook Meadowbrook Eleven Mile City limits Sixth Gate Twelve Oaks Plaissance Eleven Mile Nine Mile Twelve Oaks	street - note that these seemed until construction Willowbrook Estates Haggerty Willowbrook Grand River Taco Bell Main Street Meadowbrook Taft Kirkway Place Chattman Twelve Mile	1 3 1 2 1 2 2 1 1 2 1 1 2 1 1	198 2,634 2,529 2,234 501 293 2,923 619 323 2,380 1,347	23-24 20-21 23-24 23-24	10 20 20 15 10 15 10 0 0	7.5 7.5 7.5 15 15 7.5 7.5 7.5 5 15	9 4.5 9 0 9 4.5 9 0 9 4.5 9 0 9 0 0 9	0 0 6 0 6 12 6 6	0 0 2 0 4 4 0 2 0 4	3.5 7 7 3.5 0 7 7	0 0 2 0 0	0 0 14 14 0 14 0 14 0	14 14 7 14 14 7 14 14 14 0	7 0 7 7 7 7 7 7 7	5 5 0 0 0 0 5 5 5	20 20 0 0 0 0 20 0 20	89 87 79 64 70 80 70 65 71 59	2 3 5 17 9 4 8 15 7

TABLE	4.5: Prop	oosed Ad	diacent to	Maior Roads Pathwa	ny and Sidewalk Segmen	nts: Tier 1 Category Ran	kinas		All propose	d adjacent to roac he City, the segme	I pathway & sid	ewalk segments a	are reviev s & the se	ved aga	ninst a set o receiving t	f Tier 1 criter he top 20 pa	ia & assigned oints are assid	d points bas aned Tier 2	ed on the seg	ment's poten	tial service b	enefits t	o the
				,	.		3 ,		TIER 1 CATE			-)		J									
			Side of Street	Location	From	То		Segme nt 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		
										E mainte 1	0 101/	4.5 1	I 4 1			per catego		0 1000	2.5 1/2.5	Г to 10	20 initial		
NT RANK		D-8 ft nathway	o ii. Datiiwa	he street - note that t	s or sidewalks on most of these segments may be o be analyzed separately	critical for system	nent	ents (400 ft or less)	Budget Year	5 points = 1 accident 10 = 2 accidents 15 = 3 accidents 20 = 4 or	0 = <10K ADTs", 5 = 10K- 20K ADTs 10 = >20K ADTs Then	4.5 = 1 school 9 = 2+ schools	4 = 1 park 8 = 2+ parks	3.5 = 1 hotel 7 = 2+ hotel s	3.5 = 1 shoppi ng area 7 = 2+ shoppi ng	3.5 = 1 places of worship 7 = 2+ places of	3.5 = connecte d to neighbori ng sidewalk system	0 = low density 8 = medium density 16 = high	3.5 = 1/2 to 1 mile 7 = over 1 mile	5 = top 15 survey responses , resident petitions & documen	20 = initial investme nt 15 = major corridor	POINTS	
OVERALL SEGMENT RANK	Se	Section #	of the	street - note that the ectivity & must be an	nking segment planned f ese segments may be cri alyzed separately for co	itical for system	of Pieces in Segment	Short Segme	CP B	more accidents	multiplied by 1<35mph, 1.2 for 35- 40mph & 1.5 for >=45 mph				areas	worship	7 = connecte d to regional trail system	density		ted segments requeste d by groups & govt agencies		TOTAL TIER 1 PO	TIER 1 RANKING
	Segm Segm	nents with		or sidewalks on most of tanking segment planned	the opposite side of the street for the opposite side of the sudget Year Defe																		
15	68	23 F	P south	Grand River	Funeral Home	Meadowbrook	1	802		10	7.5	4.5	0	2	7	2	14	14	3.5	0	0	65	15
16	119a	36	S east	Meadowbrook	Nine Mile	Singh Blvd	1	1,075	21-22	5	0	0	12	0	0	4	0	14	0	5	20	60	19
17	90	26 F	P south	Ten Mile	Maly Dental	Novi Ridge Apartments	1	2,122	23-24	5	7.5	0	6	0	7	4	0	14	7	5	20	76	6
18	58b	21 5	S east	Beck	Cider Mill	Sierra	1	2,553		0	7.5	9	6	0	3.5	0	14	14	7	5	0	66	11
19	82b	25	S west	Haggerty	Pavilion Ct Apartments	Nine Mile	1	539		10	15	0	0	4	0	4	0	14	7	5	0	59	20
20	18b	11 5	S north	Twelve Mile	Novi Rd.	Twelve Oaks	1	2,027		10	7.5	4.5	12	4	7	2	0	7	7	0	0	61	18
21	58a	21 9	S east	Beck	Ashley	Cider Mill	1	1,228		0	7.5	9	6	0	3.5	0	14	14	7	5	0	66	11
22	121a	36 F	P south	Nine Mile	Meadowbrook	Sunrise	1	2,899		5	0	4.5	6	0	0	4	0	14	0	5	20	59	22
23	64	22 5	S east	Taft	Ten Mile	Eleven Mile	2	4,218	23-24	5	0	9	12	2	0	4	0	14	7	5	0	58	23
24	119c	36 5	S east	Meadowbrook	Eight Mile	N of Llewelyn	1	1,191		5	0	0	0	2	0	4	0	14	7	5	20	57	24
25	6	3 F	P west	West Park	Bristol Corners	Pontiac Trail	3	2,198		20	0	4.5	0	0	3.5	2	0	14	7	5	0	56	25
25	32b	15	S west	Novi Rd.	I-96 north side	I-96 south side	1	723		15	7.5	4.5	6	4	7	0	0	0	7	5	0	56	25
	212	13 F	P south	Twelve Mile	Meadowbrook	Energy Way	2	3,451		15	7.5	9	6	2	0	2	7	7	0	0	0	56	27

TABLE	4.5: Prop	osed Adja	acent to N	Major Roads Pathway	and Sidewalk Segment	s: Tier 1 Category Ran	kings			d adjacent to road ne City, the segme GORIES										ıment's poter	ntial service b	enefits to	o the
			Side of Street	Location F	From	То		Segme nt 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		
				,										_		per catego				1			
SEGMENT RANK		P= 8 ft. pathway	th	e street - note that the	or sidewalks on most of t ese segments may be c be analyzed separately t	critical for system	Segment	ients (400 ft or less)	CIP Budget Year	5 points = 1 accident 10 = 2 accidents 15 = 3 accidents 20 = 4 or more	0 = <10K ADTs", 5 = 10K- 20K ADTs 10 = >20K ADTs Then multiplied	4.5 = 1 school 9 = 2+ schools	4 = 1 park 8 = 2+ parks	3.5 = 1 hotel 7 = 2+ hotel s	3.5 = 1 shoppi ng area 7 = 2+ shoppi ng areas	3.5 = 1 places of worship 7 = 2+ places of worship	3.5 = connecte d to neighbori ng sidewalk system 7 =	0 = low density 8 = medium density 16 = high density	3.5 = 1/2 to 1 mile 7 = over 1 mile	5 = top 15 survey responses , resident petitions & documen ted	20 = initial investme nt 15 = major corridor	POINTS	(2)
OVERALL	Segment Item #	Section # All Alexandrian # Section # Section #	of the s	street - note that these ctivity & must be anal	king segment planned for e segments may be criti lyzed separately for con	ical for system	of Pieces in Seg	Short S	CIP	accidents	by 1<35mph, 1.2 for 35- 40mph & 1.5 for >=45 mph						connecte d to regional trail system			segments requeste d by groups & govt agencies		TOTAL TIER 1 PG	TIER 1 RANKING
	Segm		. 10.																				
	1		higher ran	iking segment planned f	e opposite side of the stree for the opposite side of the side of	street - note that these se		may be critic															
27	1	ents with a	higher ran	ess) CIP Bud	for the opposite side of the s	street - note that these se							6	2	3.5	2	14	7	7	5	0	56	27
27	Short	ents with a	higher ran (400 ft. or le south	iking segment planned f	or the opposite side of the si	rred until construction E side ITC	egments r	may be critic		onnectivity & must be	analyzed separa	tely for connectivity		2 4	3.5	2	14	7 14	7 7	5	0	56 56	27 27
27	Short 52a	Segments (higher ran (400 ft. or le south north	ess) CIP Bud	for the opposite side of the s	rred until construction E side ITC Corridor	egments r	may be critic		onnectivity & must be	analyzed separa	tely for connectivity	6	2 4 0	3.5 7 3.5			,	7 7 0	-		56	
27 27	Short 52a 72	Segments (20 P 23 P	higher ran (400 ft. or le south north west	ess) CIP Bud Eleven Mile Grand River	for the opposite side of the s	rred until construction E side ITC Corridor Amstaff building	egments r	2,566 677		onnectivity & must be 0	analyzed separa 0 7.5	tely for connectivity 9	6	4	7	0	0	14	7	0	0	56	27 27
27 27 31	52a 72 97b	Segments (20 P 23 P 29 P 17 P	higher ran (400 ft. or le south north west west	ess) CIP Bud Eleven Mile Grand River Beck	for the opposite side of the s	rred until construction E side ITC Corridor Amstaff building	egments r	2,566 677 1,059		onnectivity & must be 0 10 15	analyzed separa 0 7.5 7.5	9 0 4.5	6 6 0	4	7 3.5	0 4	0	14 7	7 0	0	0	56 56 54	27 27
27 27 31	52a 72 97b 169 52b	20 P 23 P 29 P 17 P 20 P	south north west west south	Eleven Mile Grand River Beck Beck	for the opposite side of the s	rred until construction E side ITC Corridor Amstaff building Iriquois	egments r	2,566 677 1,059 1,314 641		0 10 15	analyzed separa 0 7.5 7.5	9 0 4.5	6 6 0	4 0 0	7 3.5 7	0 4 0	0 14 0	14 7 0	7 0 7	0 0 5	0 0 15	56 56 54 54	27 27 31
27 27 31 31 31	52a 72 97b 169 52b	20 P 23 P 29 P 17 P 20 P 26 S	south north west south north	Eleven Mile Grand River Beck Beck Eleven Mile	for the opposite side of the salget Year Deferming Defer	rred until construction E side ITC Corridor Amstaff building Iriquois Bosco	egments r	2,566 677 1,059 1,314 641	cal for system cc	0 10 15 5	0 7.5 7.5 15	9 0 4.5 0	6 6 0 0	4 0 0	7 3.5 7 0	0 4 0	0 14 0 14	14 7 0 7	7 0 7 7	0 0 5 5	0 0 15 0	56 56 54 54 54	27 27 31 31
27 27 31 31 31 34	52a 72 97b 169 52b 88 19	20 P 23 P 29 P 17 P 20 P 26 S	south north west south north north north north	Eleven Mile Grand River Beck Beck Eleven Mile Nine Mile	Town Center Cheltenham across 96 Oberlin RR crossing	rred until construction E side ITC Corridor Amstaff building Iriquois Bosco Novi Rd.	2 1 1 1 1	2,566 677 1,059 1,314 641 1,667	cal for system cc	0 10 15 5 0	0 7.5 7.5 15 0	9 0 4.5 0 9	6 6 0 0 12 12	4 0 0 0	7 3.5 7 0 7	0 4 0 0 4	0 14 0 14 0	14 7 0 7 14	7 0 7 7	0 0 5 5	0 0 15 0	56 56 54 54 54	27 27 31 31 31 34
27 27 31 31 31 34	52a 72 97b 169 52b 88 19	20 P 23 P 29 P 17 P 20 P 26 S	south north west south north north south north south	Eleven Mile Grand River Beck Beck Eleven Mile Nine Mile Twelve Mile	Town Center Cheltenham across 96 Oberlin RR crossing Meadowbrook	rred until construction E side ITC Corridor Amstaff building Iriquois Bosco Novi Rd. Cabot Haggerty ATI	2 1 1 1 1	2,566 677 1,059 1,314 641 1,667 3,960	cal for system cc	0 10 15 5 0 10	0 7.5 7.5 15 0 0 7.5	9 0 4.5 0 9	6 6 0 0 12 12 6	4 0 0 0 0 0 2	7 3.5 7 0 7 0	0 4 0 0 4 2	0 14 0 14 0	14 7 0 7 14	7 0 7 7 7	0 0 5 5 0	0 0 15 0 0	56 56 54 54 54 54	27 27 31 31 31 34 34
27 27 31 31 31 34 34	52a 72 97b 169 52b 88 19 121b	20 P 23 P 29 P 17 P 20 P 26 S 12 S 36 P	south north west south north north south north west west south north west	Eleven Mile Grand River Beck Beck Eleven Mile Vine Mile Twelve Mile Nine Mile	Town Center Cheltenham across 96 Oberlin RR crossing Meadowbrook Sunrise Gardenbrook Rd Timber Ridge	rred until construction E side ITC Corridor Amstaff building Iriquois Bosco Novi Rd. Cabot Haggerty	2 1 1 1 1	2,566 677 1,059 1,314 641 1,667 3,960 2,482	cal for system cc	0 10 15 5 0 10 5	0 7.5 7.5 15 0 7.5 0	9 0 4.5 0 9 0 4.5	6 0 0 12 12 6 0	4 0 0 0 0 0 2	7 3.5 7 0 7 0	0 4 0 0 4 2 4	0 14 0 14 0 14 0	14 7 0 7 14 0	7 0 7 7 7 7	0 0 5 5 0 0 5	0 0 15 0 0 0	56 56 54 54 54 53 53	27 27 31 31 31 34 34
27 27 31 31 31 34 34 36	52a 72 97b 169 52b 88 19 121b 30a	20 P 23 P 29 P 17 P 20 P 26 S 12 S 36 P 14 P	south north west south north north west south north west west west west west west	Eleven Mile Grand River Beck Beck Eleven Mile Vine Mile Twelve Mile Nine Mile Meadowbrook	Town Center Cheltenham across 96 Oberlin RR crossing Meadowbrook Sunrise Gardenbrook Rd	rred until construction E side ITC Corridor Amstaff building Iriquois Bosco Novi Rd. Cabot Haggerty ATI Headquarters	2 1 1 1 1	2,566 677 1,059 1,314 641 1,667 3,960 2,482 2,034	cal for system cc	0 10 15 5 0 10 5 5 5	0 7.5 7.5 15 0 7.5 0 6	9 0 4.5 0 9 0 4.5 9 0 9 0 9	6 0 0 12 12 6 0	4 0 0 0 0 0 2 0 4	7 3.5 7 0 7 0 0	0 4 0 0 4 2 4 0	0 14 0 14 0 14 0	14 7 0 7 14 0 14	7 0 7 7 7 7 0	0 0 5 5 0 0 5	0 0 15 0 0 0 20	56 56 54 54 54 53 53	27 27 31 31 31 34 34 36
27 27 31 31 31 34 34 36 36	52a 72 97b 169 52b 88 19 121b 30a 115	20 P 23 P 29 P 17 P 20 P 26 S 12 S 36 P 14 P 34 S	south north west south north north north west south north west west south north west west south south north enorth south west west	Eleven Mile Grand River Beck Beck Eleven Mile Nine Mile Nine Mile Nine Mile Meadowbrook Novi Road Meadowbrook	for the opposite side of the staget Year Deferming Defer	rred until construction E side ITC Corridor Amstaff building Iriquois Bosco Novi Rd. Cabot Haggerty ATI Headquarters City Limits	2 1 1 1 1 2 1 1	2,566 677 1,059 1,314 641 1,667 3,960 2,482 2,034 1,591	cal for system cc	0 10 15 5 0 10 5 5 5	0 7.5 7.5 15 0 0 7.5 0 7.5	9 0 4.5 0 9 4.5 9 4.5 9 4.5	6 0 0 12 12 6 0 6	4 0 0 0 0 2 0 4	7 3.5 7 0 7 0 0 7	0 4 0 0 4 2 4 0	0 14 0 14 0 14 0 7	14 7 0 7 14 0 14 0	7 0 7 7 7 7 0 7	0 0 5 5 0 0 5 0	0 0 15 0 0 0 20 0	56 56 54 54 54 53 53 51	27 27 31 31 31 34 34 36 36

TABLE 4	4.5: Prop	osed Adja	icent to N	Major Roads Pathway	and Sidewalk Segment	ts: Tier 1 Category Ran	nkings			d adjacent to road ne City, the segme EGORIES										ment's poter	ntial service b	enefits to	the
			Side of Street	Location F	rom	То		Segme nt 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		
										E points 1	0 = <10K	4.5 = 1	4 = 1	points 3.5	available	per catego		0 1014	2 F 1/2 to	E top	20 initial	1	
T RANK		= 8 ft. pathway	the	e street - <i>note that the</i>	or sidewalks on most of ese segments may be o e analyzed separately	critical for system	ent	nts (400 ft or less)	idget Year	5 points = 1 accident 10 = 2 accidents 15 = 3 accidents 20 = 4 or	ADTs", 5 = 10K- 20K ADTs 10 = >20K ADTs Then	school 9 = 2+ schools	park 8 = 2+ parks	3.5 = 1 hotel 7 = 2+ hotel s	shoppi ng area 7 = 2+ shoppi ng	places of worship 7 = 2+ places of	3.5 = connecte d to neighbori ng sidewalk system	0 = low density 8 = medium density 16 = high	3.5 = 1/2 to 1 mile 7 = over 1 mile	5 = top 15 survey responses , resident petitions & documen	20 = initial investme nt 15 = major corridor	NTS	
OVERALL SEGMENT	segment Item #	section # s= 6 ft. sidewalk P=	of the s	treet - note that these	king segment planned for established for estab	tical for system	of Pieces in Segment	Short Segmer	CIP Bu	more accidents	multiplied by 1<35mph, 1.2 for 35- 40mph & 1.5 for >=45 mph				areas	worship	7 = connecte d to regional trail system	density		ted segments requeste d by groups & govt agencies		TOTAL TIER 1 POINTS	TIER 1 RANKING
Legend	Segm Segm		athways or	sidewalks on most of the	e opposite side of the stree or the opposite side of the get Year Defe																		
39	51	20 S	north	Ten Mile	Dinser	Woodham	1	1,799	23-24	0	7.5	0	6	0	0	2	14	7	7	5	0	49	39
42	25	13 S	west	Haggerty	Twelve Mile	section line	2	4,186		0	7.5	4.5	0	2	0	0	0	14	0	0	20	48	42
42	119b	36 S	east	Meadowbrook	Singh Blvd	N of Llewelyn	1	1,438		5	0	0	0	0	0	4	0	14	0	5	20	48	42
44	30b	14 P	west	Meadowbrook	Twelve Mile	Bridge	2	910		5	6	9	6	0	7	0	7	0	7	0	0	47	44
44	41	17 S	east	Wixom	Target	Deerfield Elementary	2	1,516		0	5	9	12	2	3.5	0	0	3.5	7	5	0	47	44
44	52c	20 P	south	Eleven Mile	Bosco Property	Beck	1	1,241		0	0	9	12	0	0	0	14	7	0	5	0	47	44
44	110		oast	Dook				1 111		10						0	0	14	3.5	0	_		
	112	33 S	easi	Beck	Nine Mile	City Limits	2	1,114		10	15	4.5	0	0	0	0	U	14	0.0	0	0	47	44
48		33 S 18 P		Napier	Nine Mile Knights Bridge	City Limits Island Lake	1	2,626		10	15 0	4.5 0	6	0	0	0	0	7	3.5	0	20	47 47	
	44	18 P	east				2 1 1																48
48	44 60	18 P 22 P	east south	Napier	Knights Bridge	Island Lake	1	2,626		10	0	0	6	0	0	0	0	7	3.5	0	20	47	48 49
48	44 60 31	18 P 22 P 15 S	east south	Napier Eleven Mile	Knights Bridge Clark	Island Lake Creek Crossing	1	2,626		10 0	0	9	6	0	7	0 4	0	7	3.5	0 5	20	47 46	48 49 50
48 49 50 50	44 60 31	18 P 22 P 15 S	east south south north	Napier Eleven Mile Twelve Mile	Knights Bridge Clark Novi Rd.	Island Lake Creek Crossing Hino Motors	1	2,626 244 3,484		10 0 15	0 0 7.5	0 9 0	6 0 0	0 0 4	0 7 7	0 4 0	0 0	7 14 0	3.5 7 7	0 5 5	20 0 0	47 46 46 46	48 49 50

TARIF	/ 15: Pro	onosec	d Adia	cent to 1	Major Poads Pathw	yay and Sidewalk Segmen	ats: Tier 1 Category Pan	kings		All propose	d adjacent to roac he City, the segme	l pathway & si	dewalk segments a	re reviev	ed agai	nst a set o	f Tier 1 crite	ria & assigne	d points bas	sed on the sec	gment's poter	ntial service b	enefits to	the
IADLL	4.5. FIO	oposec	u Auja	cent to r	viajoi Roads Fattiw	ray and sidewalk segmen	is. Her i Category Kan	Kiliga		TIER 1 CATI	<u> </u>	iits die lalikeu	by the her i points	o & the se	gillellis	eceiving t	ne top zo p	Ollits are assi	gried fiel 2	points				
				Side of Street	Location	From	То		Segme nt Length (ft.)	Notes	BICYCLE & PEDESTRIAN ACCIDENTS (intersection accidents only included when sidewalk or pathway connection is missing (1/98 to	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		
									(1		5 points = 1	0 = <10K	4.5 = 1	4 = 1	points 3.5	3.5 = 1	per catego 3.5 = 1	3.5 =	0 = low	3.5 = 1/2 to	5 = top	20 = initial		
OVERALL SEGMENT RANK	gment Item #	ction #	6 ft. sidewalk P= 8 ft. pathway	Segme of the s	e street - note that connectivity & mus ents with a higher ra street - note that th	ys or sidewalks on most of these segments may be out the analyzed separately anking segment planned for these segments may be critically analyzed separately for contains the segments of the segments may be critically separately for contains the segments may be critically separately for contains the segments of the segments may be critically segments.	for the opposite side	Pieces in Segment	Short Segments (400 ft or less)	CIP Budget Year	accident 10 = 2 accidents 15 = 3 accidents 20 = 4 or more accidents	ADTs", 5 = 10K- 20K ADTs 10 = >20K ADTs Then multiplied by 1<35mph, 1.2 for 35- 40mph & 1.5 for >=45	school 9 = 2+ schools	park 8 = 2+ parks	= 1 hotel 7 = 2+ hotel s	shoppi ng area 7 = 2+ shoppi ng areas	places of worship 7 = 2+ places of worship	connecte d to neighbori ng sidewalk system 7 = connecte d to regional trail system	density 8 = medium density 16 = high density	1 mile 7 = over 1 mile	15 survey responses , resident petitions & documen ted segments requeste d by groups & govt agencies	investme nt 15 = major corridor	TOTAL TIER 1 POINTS	TIER 1 RANKING
	y d S= 6 ft. Segi	gments	with pa		r sidewalks on most o	f the opposite side of the stree															, -9			
	d S= 6 ft. Segi	gments v	with pa with a h	thways or nigher ran	r sidewalks on most o	ed for the opposite side of the						lyzed separately		6	2	7	0	0	7	0	0	0	44	54
Legend	\$ segi Segi Sho 78a 75	gments of gments of the segretary se	with pa with a h ments (4 4 P	thways or nigher ran 400 ft. or le south north	r sidewalks on most of sking segment planned ess) CIP E Grand River Grand River	ed for the opposite side of the Budget Year Defe Meadowbrook Seeley	estreet - note that these seemed until construction Joseph Meadowbrook		1,967 1,038		onnectivity & must be	lyzed separately analyzed separa	4.5	6 0	2 2	7 7	0 2	0	7 7	0 3.5		0	44	54 55
54 55 55	\$ segs Sho 78a 75 98b	gments of gments	with pa with a h ments (4 4 P 4 P	nigher ran 400 ft. or le south north	r sidewalks on most of sking segment planned ess) CIP E Grand River Grand River Nine Mile	Meadowbrook Seeley Vasilios Court	estreet - note that these seemed until construction Joseph Meadowbrook ITC Pathway		1,967 1,038 2,167		nnectivity & must be 10 10 0	lyzed separately analyzed separa 7.5 7.5	4.5 4.5 4.5	0	2	7 7 0	2	0	7 7 7	3.5	0 0 5	0	44 44	55 55
54 55 55	\$ segs Sho 78a 75 98b 98a	gments of gments	with pa with a h ments (4 4 P 4 P 9 S	nigher ran 400 ft. or le south north north	r sidewalks on most of aking segment planned ess) CIP E Grand River Grand River Nine Mile Nine Mile	Meadowbrook Seeley Vasilios Court Kensington	estreet - note that these seemed until construction Joseph Meadowbrook ITC Pathway Vasilios Court	egments m 1 1 2	1,967 1,038 2,167 2,589		10 10 0	lyzed separately analyzed separa 7.5 7.5 0	4.5 4.5 4.5 4.5	0 6 6	2 0 0	7 7 0	2	0 14 14	7 7 7 7 7 7	3.5 7 7	0 0 5 5	0 0	44 44 44	55 55 55
54 55 55 55	\$ segs Sho 78a 75 98b 98a 35	gments v gments v ort Segn 24 24 29 29	with pa with a r ments (4 4 P 4 P 9 S 9 S	south north north east	r sidewalks on most of naking segment planned ess) CIPE Grand River Grand River Nine Mile Nine Mile Taft	Meadowbrook Seeley Vasilios Court Kensington Eleven Mile Providence	estreet - note that these seemed until construction Joseph Meadowbrook ITC Pathway Vasilios Court Grand River	1 1 2 1	1,967 1,038 2,167 2,589 1,648		10 10 0 0	lyzed separately analyzed separa 7.5 7.5 0 0	4.5 4.5 4.5 4.5 9	0 6 6 0	2 0 0 4	0 7	2 0 0 4	0 14 14 0	7	3.5 7 7 7	0 0 5 5 5	0 0 0	44 44 44 43	55 55 55 58
54 55 55 55 58	\$ segs Sho 78a 75 98b 98a 35 40	gments v gments v ort Segn 24 24 29 29 15	with pa with a r ments (4 4 P 4 P 9 S 9 S 5 S	south north north east south	r sidewalks on most of nking segment planned ess) CIP E Grand River Grand River Nine Mile Nine Mile Taft Grand River	Meadowbrook Seeley Vasilios Court Kensington Eleven Mile Providence Hospital	estreet - note that these seemed until construction Joseph Meadowbrook ITC Pathway Vasilios Court Grand River Wixom	1 1 2 1	1,967 1,038 2,167 2,589 1,648		10 10 0 0 0 5	7.5 7.5 0 0 7.5	4.5 4.5 4.5 4.5 4.5 4.5	0 6 6 0	2 0 0 4 2	-	2 0 0 4 0	0 14 14 0	7 0	3.5 7 7 7 7	0 0 5 5 5	0 0 0 0	44 44 44 43	55 55 55 58 58
54 55 55 55 58	\$ segilar Segilar Segilar Segilar Segilar Segilar Sho 78a 75 98b 98a 35 40 78d 78d	gments v gments v ort Segn 24 24 29 15 17 24	with pa with a r with a r P P S S S S P P P P P P P P P P P P P	nigher ran 400 ft. or le south north north east south south	r sidewalks on most of onking segment planned ess) CIP E Grand River Grand River Nine Mile Nine Mile Taft Grand River Grand River Grand River	Meadowbrook Seeley Vasilios Court Kensington Eleven Mile Providence Hospital Karim	estreet - note that these second until construction Joseph Meadowbrook ITC Pathway Vasilios Court Grand River Wixom Haggerty	1 1 2 1	1,967 1,038 2,167 2,589 1,648 843		10 10 0 0 0 5	7.5 7.5 0 0 7.5 7.5	4.5 4.5 4.5 4.5 4.5 4.5 4.5	0 6 6 0 12	2 0 0 4	0 7 0 7	2 0 0 4	0 14 14 0 0	7	3.5 7 7 7 7 7	0 0 5 5 5 5	0 0 0	44 44 43 43 43	55 55 55 58 58
54 55 55 58 58 61	\$ segs Sho 78a 75 98b 98a 35 40	gments v gments v port Segn 24 24 29 15 17 24	with parwith a rements (44 P P S S S S P P P P P P P	nigher ran south north north east south south west	r sidewalks on most of nking segment planned ess) CIP E Grand River Grand River Nine Mile Nine Mile Taft Grand River	Meadowbrook Seeley Vasilios Court Kensington Eleven Mile Providence Hospital	estreet - note that these seemed until construction Joseph Meadowbrook ITC Pathway Vasilios Court Grand River Wixom	1 1 2 1	1,967 1,038 2,167 2,589 1,648		10 10 0 0 0 5	7.5 7.5 0 0 7.5	4.5 4.5 4.5 4.5 4.5 4.5	0 6 6 0	2 0 0 4 2	0 7 0	2 0 0 4 0	0 14 14 0	7 0 7	3.5 7 7 7 7	0 0 5 5 5	0 0 0 0 0	44 44 43 43 43 42	55 55 55 58 58
54 55 55 58 58 61 62	Seginary Seginary	gments v gments v port Segn 24 29 29 15 17 24 29	with parwith a rements (44 P P S S S S P P P P P P P	nigher ran south north north east south south west north	r sidewalks on most of onking segment planned ess) CIPE Grand River Grand River Nine Mile Nine Mile Taft Grand River Grand River Grand River Beck	Meadowbrook Seeley Vasilios Court Kensington Eleven Mile Providence Hospital Karim Nine Mile Mandalay Cir E south Twelve	estreet - note that these seemed until construction Joseph Meadowbrook ITC Pathway Vasilios Court Grand River Wixom Haggerty Cheltenham Taft North Twelve	1 1 2 1	1,967 1,038 2,167 2,589 1,648 843 383 858		10 10 0 0 0 5 10	7.5 7.5 0 0 7.5 7.5 7.5 7.5	4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	0 6 6 0 12 0	2 0 0 4 2 0	0 7 0 7 3.5	2 0 0 4 0	0 14 14 0 0 0	7 0 7 7	3.5 7 7 7 7 7 0	0 0 5 5 5 0	0 0 0 0 0	44 44 43 43 43 42 40	55 55 55 58 58 58 61
54 55 55 58 58 61 62	\$\frak{y}{d}\$ S= 6 ft. Seggler Shoot 78a 75 98b 98a 35 40 78d 97a 37b	gments v gments v 24 24 29 15 17 24 29 16	with pa with a r ments (4 P P S S S F P P P S S F P P S S F P R F S F F F S F F F S F F F F F F F F F	nigher ran south north north east south south west north	r sidewalks on most of onking segment planned ess) CIP E Grand River Grand River Nine Mile Nine Mile Taft Grand River Grand River Grand River Beck Eleven Mile	Meadowbrook Seeley Vasilios Court Kensington Eleven Mile Providence Hospital Karim Nine Mile Mandalay Cir E	estreet - note that these seemed until construction Joseph Meadowbrook ITC Pathway Vasilios Court Grand River Wixom Haggerty Cheltenham Taft North Twelve Oaks entrance Big Boy	1 1 2 1 2 3 1 1 1 1	1,967 1,038 2,167 2,589 1,648 843 383 858 496		10 10 0 0 0 5 10 15 0	7.5 7.5 0 0 7.5 7.5 7.5 0 0 0 7.5 7.5	4.5 4.5 4.5 4.5 4.5 4.5 9 4.5 4.5	0 6 6 0 12 0 0	2 0 0 4 2 0 0	0 7 0 7 3.5	2 0 0 4 0 0 4 4	0 14 14 0 0 0 0	7 0 7 7 7	3.5 7 7 7 7 7 0 7	0 0 5 5 5 0 0	0 0 0 0 0 0	44 44 43 43 43 42 40	55 55 58 58 58 61 62
54 55 55 58 58 61 62 63	\$\frak{y}{d}\$ S= 6 ft. Seggler Shoot 78a 75 98b 98a 35 40 78d 97a 37b 28	24 29 29 15 17 24 29 16 14	with pa with a r ments (4 P P S S S S P P P S S S S S S S S S S	nigher ran south north north east south west north east west	r sidewalks on most of onking segment planned ess) CIP E Grand River Grand River Nine Mile Nine Mile Taft Grand River Grand River Grand River Beck Eleven Mile Novi Rd.	Meadowbrook Seeley Vasilios Court Kensington Eleven Mile Providence Hospital Karim Nine Mile Mandalay Cir E south Twelve Oaks entrance	estreet - note that these served until construction Joseph Meadowbrook ITC Pathway Vasilios Court Grand River Wixom Haggerty Cheltenham Taft North Twelve Oaks entrance	1 1 2 1 2 3 1 1 1 2 1	1,967 1,038 2,167 2,589 1,648 843 383 858 496		10 10 0 0 0 5 10 15 0	7.5 7.5 0 0 7.5 7.5 7.5 7.5 7.5 7.5	4.5 4.5 4.5 4.5 4.5 4.5 9 4.5 4.5 4.5 9 9 9	0 6 6 0 12 0 0 6	2 0 0 4 2 0 0 2 4	0 7 0 7 3.5 0	2 0 0 4 0 0 4 4 0	0 14 14 0 0 0 0 0	7 0 7 7 7 7	3.5 7 7 7 7 7 0 7	0 0 5 5 5 0 0 5	0 0 0 0 0 0	44 44 43 43 43 42 40 40 39	55 55 58 58 58 61 62 63
54 55 55 58 58 61 62 63	Seginary Seginary	gments v gments v 24 24 29 15 17 24 29 16 14 36	with pa with a r ments (4 P P P S S S S R P P S S S S S S S S S S	nigher ran south north north east south west north east west	r sidewalks on most of onking segment planned ess) CIP E Grand River Grand River Nine Mile Nine Mile Taft Grand River Grand River Grand River Beck Eleven Mile Novi Rd. Haggerty	Meadowbrook Seeley Vasilios Court Kensington Eleven Mile Providence Hospital Karim Nine Mile Mandalay Cir E south Twelve Oaks entrance Eight Mile	estreet - note that these served until construction Joseph Meadowbrook ITC Pathway Vasilios Court Grand River Wixom Haggerty Cheltenham Taft North Twelve Oaks entrance Big Boy Restaurant	1 1 2 1 2 3 1 1 1 2 1	1,967 1,038 2,167 2,589 1,648 843 383 858 496 988		10 10 0 0 0 5 10 15 0 0	7.5 7.5 0 0 7.5 7.5 7.5 0 7.5 7.5 0 0 7.5 7.5	4.5 4.5 4.5 4.5 4.5 4.5 9 4.5 4.5 4.5 4.5 1.5 4.5 4.5 4.5 4.5 4.5 4.5	0 6 6 0 12 0 0 6 0	2 0 0 4 2 0 0 2 4 4	0 7 0 7 3.5 0 7 3.5	2 0 0 4 0 0 4 4 0	0 14 14 0 0 0 0 0 0	7 0 7 7 7 7 0	3.5 7 7 7 7 7 0 7 7 3.5	0 0 5 5 5 0 0 5 5	0 0 0 0 0 0 0	44 44 43 43 43 42 40 40 39	55 55 58 58 58 61 62 63

TABLE							T 40				d adjacent to roac										gment's poter	ntial service b	enefits to t
IABLE	4.5: Pro	opose	d Adja	cent to r	Major Roads Pathwa	y and Sidewalk Segments	s: Her 1 Category Ran	kings		TIER 1 CAT	he City, the segme EGORIES	nts are ranked	by the lier I points	s & the se	gments	receiving t	ne top 20 p	oints are assi	gned Her 2	points			
				Side of Street	Location	From	То		Segme nt 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	
													T				per catego			T			
SEGMENT RANK	Item #		sidewalk P= 8 ft. pathway	th	e street - note that i connectivity & must	or sidewalks on most of these segments may be combe analyzed separately for the segment planned for	ritical for system for connectivity	Segment	Segments (400 ft or less)	CIP Budget Year	5 points = 1 accident 10 = 2 accidents 15 = 3 accidents 20 = 4 or more accidents	0 = <10K ADTs", 5 = 10K- 20K ADTs 10 = >20K ADTs Then multiplied by 1<35mph,	4.5 = 1 school 9 = 2+ schools	4 = 1 park 8 = 2+ parks	3.5 = 1 hotel 7 = 2+ hotel s	3.5 = 1 shoppi ng area 7 = 2+ shoppi ng areas	3.5 = 1 places of worship 7 = 2+ places of worship	3.5 = connecte d to neighbori ng sidewalk system 7 = connecte d to	0 = low density 8 = medium density 16 = high density	3.5 = 1/2 to 1 mile 7 = over 1 mile	5 = top 15 survey responses , resident petitions & documen ted segments requeste	20 = initial investme nt 15 = major corridor	3 1 POINTS
	gment It	# UC	6 ft. side			ese segments may be critical separately for con		Pieces in	Short !			1.2 for 35- 40mph & 1.5 for >=45						regional trail system			d by groups & govt		TOTAL TIER
Tegen OVERALL	d S= 6 ft.		valk P= 8			the enposite side of the street	t note that these server	opts may t	o critical f	sustan acr-	pothytty 8 must be a	mph	for connectivity								agencies		
	d S= 6 ft. Segr	iments	valk P= 8 with pa	thways o	r sidewalks on most of	the opposite side of the stree: If for the opposite side of the sudget Year Defer						lyzed separately									agencies		
Legen	d S= 6 ft. Segr	iments	walk P= 8 with pa with a h	thways o	r sidewalks on most of	I for the opposite side of the s	street - note that these se					lyzed separately		0	2	0	0	0	0	3.5	agencies 5	15	33
82 82	d S= 6 ft. Segr Segr Shoot 11	gments gments ort Segr 9	with pa with a r with a r ments (4	thways or nigher ran 100 ft. or le north east	r sidewalks on most of aking segment planned ess) CIP Bu Twelve Mile Napier	I for the opposite side of the sudget Year Defer Novi Concrete Eight Mile	rred until construction West Park Community Sports Park		1,334 2,552		onnectivity & must be 0	lyzed separately analyzed separa 7.5	ontely for connectivity 0	12	0	0 3.5	0	14	0	3.5	5	0	33
82 82	\$ d S= 6 ft. Segr Segr Shoot 11 104 110a	yments yments 9 31 32	walk P= 8 with pa with a harmonts (4 S	thways or nigher ran 100 ft. or le north east west	r sidewalks on most of nking segment planned ess) CIP Bu Twelve Mile Napier Beck	I for the opposite side of the sudget Year Defer	red until construction West Park Community		nay be critica		onnectivity & must be	lyzed separately analyzed separa 7.5	ately for connectivity 0	-			<u> </u>				5	15 0 0	33
82 82	\$ d S= 6 ft. Segr Segr Shoot 11 104 110a	yments yments 9 31 32	walk P= 8 with pa with a harmonts (4 S	thways or nigher ran 100 ft. or le north east west	r sidewalks on most of aking segment planned ess) CIP Bu Twelve Mile Napier	I for the opposite side of the sudget Year Defer Novi Concrete Eight Mile	rred until construction West Park Community Sports Park		1,334 2,552		onnectivity & must be 0	lyzed separately analyzed separa 7.5	ontely for connectivity 0	12	0	3.5	0	14	0	3.5	5	0	33
82 82 82	\$ d S= 6 ft. Segr Segr Shoot 11 104 110a	yments yments 9 31 32 33	with partial with a harmonic (4) S P P P P P P P P P	thways or nigher ran 100 ft. or le north east west south	r sidewalks on most of nking segment planned ess) CIP Bu Twelve Mile Napier Beck	Novi Concrete Eight Mile Eight Mile	red until construction West Park Community Sports Park Casa Loma		1,334 2,552 1,473		onnectivity & must be 0 0 10	lyzed separately analyzed separa 7.5 0	0 0 4.5	12	0	3.5	0	14	0	3.5	5 0	0	33 33 33
82 82 82 85	d S= 6 ft. Segr Segr Shot 11 104 110a 113b	yments yments 9 31 32 33 9	valk P= 8 with pa with a r ments (4 S P P P P S	thways or nigher ran 100 ft. or le north east west south north	r sidewalks on most of other sidewalks on most of other segment planned ess) CIP But Twelve Mile Napier Beck Nine Mile	Novi Concrete Eight Mile Eight Mile Galway	red until construction West Park Community Sports Park Casa Loma Anna Maria	egments m 1 1 1 1 1	1,334 2,552 1,473 1,537		0 0 0 10	nlyzed separately analyzed separa 7.5 0 15	0 0 4.5 4.5	12 0 0	0 0 0	3.5 0 0	0 0	14 0 0	0 0 14	3.5 3.5 3.5	5 0 0 5	0 0 0	33 33 33 32
82 82 82 85 86	d S= 6 ft. Segr Segr Shoot 11 104 110a 113b 12b	yments yments yments 9 31 32 33 9 30	valk P= 8 with pa with a h ments (4 S P P P P P P P P P	thways or nigher ran 100 ft. or le north east west south north east	r sidewalks on most of othing segment planned ess) CIP But Twelve Mile Napier Beck Nine Mile Twelve Mile	Novi Concrete Eight Mile Eight Mile Galway Liberty Park	red until construction West Park Community Sports Park Casa Loma Anna Maria Liberty Park	egments m 1 1 1 1 1	1,334 2,552 1,473 1,537		0 0 10 5 10	7.5 0 15 0 7.5	0 0 4.5 4.5 0	12 0 0	0 0 0 2	3.5 0 0	0 0 0 0	14 0 0	0 0 14 0	3.5 3.5 3.5 7	5 0 0 5 5	0 0 0 0	33 33 33 32 32
82 82 82 85 86 86	segring short shor	yments yments yments 9 31 32 33 9 30 33	with parwith a harmonic (4) S 1 P 2 P 3 P S 0 P 3 S	thways or nigher ran 100 ft. or 16 north east west south north east north	r sidewalks on most of nking segment planned ess) CIP Bu Twelve Mile Napier Beck Nine Mile Twelve Mile Napier	Novi Concrete Eight Mile Eight Mile Galway Liberty Park Villa Barr	red until construction West Park Community Sports Park Casa Loma Anna Maria Liberty Park Ten Mile	egments m	1,334 2,552 1,473 1,537 349 4,127		0 0 10 5 10 0	7.5 0 15 0 7.5	0 0 4.5 4.5 0 0	12 0 0 0	0 0 0 2 0	3.5 0 0 0	0 0 0 0 0	14 0 0 0 0	0 0 14 0	3.5 3.5 3.5 7 3.5	5 0 0 5 5	0 0 0 0 0	33 33 33 32 32 32
82 82 82 85 86 86 88	segring short shor	yments yments yments 9 31 32 33 9 33 13 34	with part with part with a harmonic (4) S P S P S P S P S S P S S P S S P S S P S S P S	north east west south north east south south south	r sidewalks on most of nking segment planned ess) CIP Bu Twelve Mile Napier Beck Nine Mile Twelve Mile Napier Eleven Mile	Novi Concrete Eight Mile Galway Liberty Park Villa Barr Campus Tech	red until construction West Park Community Sports Park Casa Loma Anna Maria Liberty Park Ten Mile Seeley	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,334 2,552 1,473 1,537 349 4,127 966		0 0 10 5 10 0	7.5 0 15 0 7.5 0	0 0 0 4.5 4.5 0 0 4.5	12 0 0 0 0 12	0 0 0 2 0 2	3.5 0 0 0 0 0 3.5	0 0 0 0 0 2 0	14 0 0 0 0 14 7	0 0 14 0 0	3.5 3.5 3.5 7 3.5 0	5 0 0 5 5 0	0 0 0 0 0	33 33 33 32 32 32 32
82 82 82 85 86 86 88 88	segring short shor	9 31 32 33 9 30 33 13 34 3	with part with part with a harmonic (4 S P P S P P S P P S P P P P P P P P P	thways or nigher ran and the south south south south	r sidewalks on most of nking segment planned less) CIP Bu Twelve Mile Napier Beck Nine Mile Twelve Mile Napier Eleven Mile Nine Mile	Novi Concrete Eight Mile Eight Mile Galway Liberty Park Villa Barr Campus Tech Chelsea	red until construction West Park Community Sports Park Casa Loma Anna Maria Liberty Park Ten Mile Seeley Center	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,334 2,552 1,473 1,537 349 4,127 966 2,183		0 0 10 5 10 0 0	7.5 0 7.5 0 7.5 0	0 0 0 4.5 4.5 0 0 4.5	12 0 0 0 0 12 0	0 0 0 2 0 2	3.5 0 0 0 0 3.5 7	0 0 0 0 0 2 0	14 0 0 0 0 14 7 0	0 0 14 0 0 14 14	3.5 3.5 3.5 7 3.5 0	5 0 0 5 5 0 0	0 0 0 0 0	33 33 33 32 32 32 31 31
82 82 82 85 86 86 88 90	segring short shor	9 31 32 33 9 30 33 34 3 3	with parwith parwith a homents (4) S P P S P P S P P P P P P	thways or nigher ran and the south and the s	r sidewalks on most of oking segment planned ess) CIP Bu Twelve Mile Napier Beck Nine Mile Twelve Mile Napier Eleven Mile Nine Mile South Lake South Lake	Novi Concrete Eight Mile Eight Mile Galway Liberty Park Villa Barr Campus Tech Chelsea Lakeshore Park	red until construction West Park Community Sports Park Casa Loma Anna Maria Liberty Park Ten Mile Seeley Center Elm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,334 2,552 1,473 1,537 349 4,127 966 2,183		0 0 0 10 5 10 0 0	7.5 0 15 0 7.5 0 0 0 0	0 0 0 4.5 4.5 0 0 4.5 0 4.5	12 0 0 0 12 0 0	0 0 0 2 0 2 0	3.5 0 0 0 0 3.5 7	0 0 0 0 0 2 0 0	14 0 0 0 14 7 0	0 0 14 0 0 0 14 14	3.5 3.5 3.5 7 3.5 0 0	5 0 0 5 5 0 0 5	0 0 0 0 0 0	33 33 33 32 32 32 31 31
82 82 82 85 86 86 88 90 90	segring short state of the segring short state o	9 31 32 33 9 30 34 3 30 34	with parwith parwith a haments (4 S P P P P P P P P P P P P P P P P P P	thways or nigher ran and the south and the s	r sidewalks on most of oking segment planned ess) CIP Bu Twelve Mile Napier Beck Nine Mile Twelve Mile Napier Eleven Mile Nine Mile South Lake South Lake	I for the opposite side of the sudget Year Novi Concrete Eight Mile Eight Mile Galway Liberty Park Villa Barr Campus Tech Chelsea Lakeshore Park Lakeshore Park	red until construction West Park Community Sports Park Casa Loma Anna Maria Liberty Park Ten Mile Seeley Center Elm Landings Park	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,334 2,552 1,473 1,537 349 4,127 966 2,183 720 1,180		0 0 10 5 10 0 0 5 0 0	7.5 0 15 0 7.5 0 0 0 0 0	0 0 0 4.5 4.5 0 0 4.5 0 4.5 4.5	12 0 0 0 12 0 0 12 12	0 0 0 2 0 2 0 0	3.5 0 0 0 0 3.5 7 0	0 0 0 0 0 2 0 0	14 0 0 0 14 7 0	0 0 14 0 0 0 14 14 14	3.5 3.5 3.5 7 3.5 0 0 0	5 0 0 5 5 0 0 5	0 0 0 0 0 0	33 33 33 32 32 32 31 31 31
82 82 82 85 86 86 88 90 90 92	Segrill Segr	9 31 32 33 33 34 34 30 34 30 34	with parwith a hamments (4 S P P P P P P P P P P P P P P P P P P	thways or nigher ran 100 ft. or le north east west south north east north south north east east east east east	r sidewalks on most of oking segment planned ess) CIP Bu Twelve Mile Napier Beck Nine Mile Twelve Mile Napier Eleven Mile Nine Mile South Lake South Lake Taft	Novi Concrete Eight Mile Eight Mile Galway Liberty Park Villa Barr Campus Tech Chelsea Lakeshore Park Nine Mile	red until construction West Park Community Sports Park Casa Loma Anna Maria Liberty Park Ten Mile Seeley Center Elm Landings Park Byrne	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,334 2,552 1,473 1,537 349 4,127 966 2,183 720 1,180 1,423		0 0 10 5 10 0 5 0 0 0 0 0 0 0 0 0 0	7.5 0 15 0 7.5 0 0 0 0 0	0 0 0 4.5 4.5 0 0 4.5 0 4.5 4.5	12 0 0 0 12 0 0 12 12	0 0 0 2 0 2 0 0	3.5 0 0 0 0 3.5 7 0 0	0 0 0 0 0 2 0 0 0	14 0 0 0 14 7 0 0	0 0 14 0 0 0 14 14 14 14	3.5 3.5 7 3.5 0 0 0 0	5 0 0 5 5 0 0 5 0	0 0 0 0 0 0 0	33 33 33 32 32 32 31 31 31 31 31

TABLE 4	4.5: Prop	posed Adja	acent to I	Major Roads Pathway	and Sidewalk Segments	s: Tier 1 Category Ranl	kings			d adjacent to road ne City, the segme GORIES										ment's poter	ntial service b	enefits to the
			Side of Street	Location F	rom	То		Segme nt 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	
								less)		5 points = 1	0 = <10K	4.5 = 1	4 = 1	3.5	3.5 = 1	per catego	3.5 =	0 = low	3.5 = 1/2 to	5 = top	20 = initial	
. RANK		: 8 ft. pathway	Segn th	e street - note that the	or sidewalks on most of the ese segments may be co e analyzed separately fo	ritical for system	int	nts (400 ft or le	CIP Budget Year	accident 10 = 2 accidents 15 = 3 accidents 20 = 4 or	ADTs", 5 = 10K- 20K ADTs 10 = >20K ADTs Then	school 9 = 2+ schools	park 8 = 2+ parks	= 1 hotel 7 = 2+ hotel	shoppi ng area 7 = 2+ shoppi ng	places of worship 7 = 2+ places of	connecte d to neighbori ng sidewalk system	density 8 = medium density 16 = high	1 mile 7 = over 1 mile	15 survey responses , resident petitions & documen	investme nt 15 = major corridor	TIS
OVERALL SEGMENT RANK	egment Item #	ection # = 6 ft. sidewalk P=	of the s	street - note that these	ing segment planned fo e segments may be critic yzed separately for con	cal for system	of Pieces in Segment	Short Segmen	CIP Buc	more accidents	multiplied by 1<35mph, 1.2 for 35- 40mph & 1.5 for >=45 mph			3	areas	worship	7 = connecte d to regional trail system	density		ted segments requeste d by groups & govt agencies		TOTAL TIER 1 POINTS TIER 1 RANKING
Legend	S= 6 ft. s	sidewalk P=	8 ft. pathw	<i>ı</i> ay																		
	Segm		higher ran	king segment planned fo	e opposite side of the street or the opposite side of the s get Year Defer																	
108	Segm	ments with a	higher ran	king segment planned fo	or the opposite side of the s	treet - note that these se							0	0	0	0	0	7	0	0	0	21 108
108	Segm Short	ments with a t Segments	higher ran	king segment planned fo	or the opposite side of the s	treet - <i>note that these se</i>		may be critic		onnectivity & must be	analyzed separa	tely for connectivity		0 0	0	0 2	0	7	0 3.5	0	0	21 108 20 111
111	Segm Short	nents with a st Segments 35 P	higher ran (400 ft. or le west north	king segment planned for ess) CIP Bud	or the opposite side of the s get Year Defer Eight Mile	treet - note that these se red until construction City Limits		may be critic		onnectivity & must be	analyzed separa	tely for connectivity	0		-			,			-	
111	Segm Short 172 49	nents with a st Segments 35 P	west north	king segment planned for ess) CIP Budg Griswold Ten Mile	get Year Defer Eight Mile Wixom	red until construction City Limits Island Lake end of adjacent		727		onnectivity & must be 5	analyzed separa 0 7.5	y tely for connectivity	0		-	2	0	7	3.5	0	0	20 111
111	Segmun Short 172 49 14b 158	t Segments 35 P 19 S 10 S 30 P	west north	king segment planned for east) CIP Budd Griswold Ten Mile Twelve Mile	por the opposite side of the sign of the sign of the side of the sign of the side of the sign of the side of the s	treet - note that these se red until construction City Limits Island Lake end of adjacent parcel 39525 McKenzie Drive		727 203 329		5 0	analyzed separa 0 7.5	9 0	0 0	0 4	7	0	0	7 0	3.5	0	0	20 111 20 112
111 112 112	Segm Short 172 49 14b 158 2b	10 S 10 S 10 S 10 S	west north north east	king segment planned for ess) CIP Bude Griswold Ten Mile Twelve Mile Napier	por the opposite side of the signer of the side of the signer of the side of the side of the signer of the side of	red until construction City Limits Island Lake end of adjacent parcel 39525 McKenzie		727 203 329 1,321		5 0 5 0	analyzed separa 0 7.5 0	9 0 0	0 0 0 12	0 4 0	0 7 0	2 0 4	0 0	7 0 3.5	3.5 3.5 0	0 0	0 0	20 11120 11220 112
111 112 112 114 114	Segm Short 172 49 14b 158 2b	10 S 10 S 10 S 10 S	higher ran (400 ft. or le west north north east west west	king segment planned for eass) CIP Buddensess) CIP Buddensess) Ten Mile Twelve Mile Napier Haggerty	por the opposite side of the sign of the s	treet - note that these se red until construction City Limits Island Lake end of adjacent parcel 39525 McKenzie Drive 39500		727 203 329 1,321 1,693		5 0 5 0	analyzed separa 0 7.5 0 0 7.5	9 0 0 0	0 0 0 12 0	0 4 0 0	0 7 0 0	2 0 4 0	0 0 0 0	7 0 3.5	3.5 3.5 0 3.5	0 0 0	0 0 0 0	 20 111 20 112 20 112 18 114
111 112 112 114 114 114	Segm Short 172 49 14b 158 2b 2a 108a	10 S 10 S 11 S	west north east west west west	king segment planned for eass) CIP Buddons Griswold Ten Mile Twelve Mile Napier Haggerty Haggerty	por the opposite side of the sign of the s	red until construction City Limits Island Lake end of adjacent parcel 39525 McKenzie Drive 39500 Mackenzie Dr		727 203 329 1,321 1,693 727		5 0 5 0 0 0	0 7.5 0 0 7.5 7.5	9 0 0 0 0	0 0 0 12 0	0 4 0 0 0	0 7 0 0	2 0 4 0	0 0 0 0	7 0 3.5 7	3.5 3.5 0 3.5 3.5	0 0 0 0	0 0 0 0 0	 20 111 20 112 20 112 18 114 18 114
111 112 112 114 114 114	Segm Short 172 49 14b 158 2b 2a 108a 108b	10 S	west north east west west west	king segment planned for east) CIP Buddown Griswold Ten Mile Twelve Mile Napier Haggerty Haggerty Garfield	por the opposite side of the signer of the s	treet - note that these served until construction City Limits Island Lake end of adjacent parcel 39525 McKenzie Drive 39500 Mackenzie Dr Chianti		727 203 329 1,321 1,693 727 203		5 0 5 0 0 5	0 7.5 0 0 7.5 7.5	9 0 0 0 0 0 0	0 0 0 12 0 0	0 4 0 0 0 0 0	0 7 0 0 0 0 0 0	2 0 4 0 0	0 0 0 0 0 0	7 0 3.5 7 7	3.5 0 3.5 3.5 3.5 0	0 0 0 0 0	0 0 0 0 0	20 111 20 112 20 112 18 114 18 114 18 114
111 112 112 114 114 114 114	Segm Short 172 49 14b 158 2b 2a 108a 108b 20	1 S 32 S 32 S 12 S	higher ran (400 ft. or le west north north east west west east east west	king segment planned for east) CIP Buddown Griswold Ten Mile Twelve Mile Napier Haggerty Haggerty Garfield Garfield	por the opposite side of the signer of the s	treet - note that these served until construction City Limits Island Lake end of adjacent parcel 39525 McKenzie Drive 39500 Mackenzie Dr Chianti Nine Mile		727 203 329 1,321 1,693 727 203 329		5 0 5 0 0 5 0 5 5 5	0 7.5 0 7.5 7.5 0 0	9 0 0 0 0 0 0 0	0 0 0 12 0 0 6 6	0 4 0 0 0 0 0	0 7 0 0 0 0	2 0 4 0 0 0	0 0 0 0 0 7 7	7 0 3.5 7 7 0	3.5 0 3.5 3.5 3.5 0	0 0 0 0 0	0 0 0 0 0 0	20 111 20 112 20 112 18 114 18 114 18 114 18 114
111 112 112 114 114 114 114 118	Segm Short 172 49 14b 158 2b 2a 108a 108b 20	1 S 32 S 32 S 12 S 19 S	higher ran (400 ft. or le west north north east west west east east west	king segment planned for ess) CIP Buddon Griswold Ten Mile Twelve Mile Napier Haggerty Haggerty Garfield Garfield Haggerty Ten Mile	er the opposite side of the seget Year Defersible Eight Mile Wixom Stoneridge Links of Novi Thirteen Mile Fourteen Mile Eight Mile Chianti Thirteen Mile	treet - note that these served until construction City Limits Island Lake end of adjacent parcel 39525 McKenzie Drive 39500 Mackenzie Dr Chianti Nine Mile Twelve Mile Oak Point		727 203 329 1,321 1,693 727 203 329 1,321		5 0 5 0 0 0 5 5 0	0 7.5 0 0 7.5 0 0 7.5 7.5 0 0 7.5	9 0 0 0 0 0 0 0 4.5	0 0 0 12 0 0 6 6	0 4 0 0 0 0 0	0 7 0 0 0 0	2 0 4 0 0 0 0	0 0 0 0 0 7 7	7 0 3.5 7 7 0 0	3.5 0 3.5 3.5 0 0 0 3.5	0 0 0 0 0 0	0 0 0 0 0 0	20 111 20 112 20 112 18 114 18 114 18 114 18 114 18 114 18 118

				y and Sidewalk Segment			TIER 1 CATE	ne City, the segment EGORIES												
		Side of Street	Location	From	То	Segme nt 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	
									T =	T . = .	T			per catego		Г = .	T =	T = .	l = =	
d S= 6 ft.	Section #	Segme of the s	e street - note that the connectivity & must be ents with a higher ran street - note that the cotivity & must be ana	or sidewalks on most of nese segments may be obe analyzed separately which is a segment planned for segments may be criticallyzed separately for contact of the segments of the segments may be criticallyzed separately for contact of the segments may be criticallyzed separately for contact of the segments may be criticallyzed separately for contact of the segments may be criticallyzed separately for contact of the segments may be critically segments.	or the opposite side	of Pieces in Segment Short Segments (400 ft or less)	CIP Budget Year	5 points = 1 accident 10 = 2 accidents 15 = 3 accidents 20 = 4 or more accidents	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+ hotel s	3.5 = 1 shoppi ng area 7 = 2+ shoppi ng areas	3.5 = 1 places of worship 7 = 2+ places of worship	3.5 = connecte d to neighbori ng sidewalk system 7 = connecte d to regional trail system	0 = low density 8 = medium density 16 = high density	3.5 = 1/2 to 1 mile 7 = over 1 mile	5 = top 15 survey responses , resident petitions & documen ted segments requeste d by groups & govt agencies	20 = initial investme nt 15 = major corridor	TOTAL TIER 1 POINTS
				ne opposite side of the stree	et - note that these segme	ents may be critical	for system conne	ctivity & must be anai	lyzed separately .	for connectivity										
_				for the opposite side of the																
	rt Segments			_	rred until construction		Ĭ		,											
100	30 P	south	Ten Mile	Wixom	Napier	4 3,558		0	7.5	0	0	0	0	2	0	0	3.5	0	0	13
	30 P	south	Ten Mile	50577 Ten Mile Road	50155 Ten Mile Road	1 1,795		0	7.5	0	0	0	0	2	0	3.5	0	0	0	13
156			Ten Mile	50155 Ten Mile	200' west of Wixom	1 301		0	7.5	0	0	0	0	2	0	3.5	0	0	0	13
	30 P	south		Road	VVIXOTTI															
156		south		Road Hudson	City Limits	1 1,312		0	0	0	6	0	0	0	0	0	0	0	0	6

TABLE	4.6 Pro	pposed	d Adjad	cent to Maj	or Roads Pathway and S	idewalk Segments: Tier	2 Category Rankings						are reviewed more econor			oints based on fina	ancial co	onsidera [.]	tions to give	e priority to	
			ı	1				T						(only top 20 Tier 1 segm	IES Criteria Points ents receive tier 2 p	oints)	TOTAL	S			
ENT RANK	е т #	#	8 ft. pathway	Side of Street	Location	From	То	Segment	Segme nt Length (ft.)	Notes	EASE OF CONSTRUCTION (easy/hard)	RIGHT-OF-WAY AVAILABILITY (based on % available)	OTHER FUNDING SOURCES (based on % available)	OPPOSITE SIDE 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	POINTS	RANKING	POINTS	POINTS	TOTAL POINTS (OVERALL) RANK FOR TOP 20
 GMI	ant It	ction	P=	C =								1	ро	ints available per categ	ory		ER 1	RAN	TIER 2	0	SALL,
OVERALL SEGMENT RANK	Segment Item	Sec	6 ft. sidewalk		ents with pathways or sic note that these segmer must be analyze		stem connectivity &	# of Pieces in	Seg	Budget Year	0 = hard 8 = medium hard	0 = 0% 4.5 = 25% 9 = 50%	0 = 0% 4.5 = 25%	-20 = complete section link -10 = one	8 = little potential 4 = partial potential within 10 years	0 = No Evidence 10 = Worn	TOTAL III	TIER 1	TOTAL	TOTAL	POINTS (OVEF
			-S	street - no	s with a higher ranking so to that these segments analyzed separately for	may be critical for syste	m connectivity &		Short (400	CIPB	16 = easy	13.5 = 75% 18 = 100%	9 = 50% 18 = 80%+	direction section link	2 = dev potential within 10 years 0= SP submitted	Path					TOTAL
1	80b	24	S	north	Ten Mile	Meadowbrook	Willowbrook Estates	1	198		8	13.5	0	0	8.0	0	90	1	29.5	119	1
2	81b	25	Р	south	Ten Mile	Willowbrook	Haggerty	3	2,634		8	13.5	0	-20	8.0	10	89	2	19.5	108.5	2
3	81a	25	Р	south	Ten Mile	Meadowbrook	Willowbrook	1	2,529		8	13.5	0	-20	8.0	10	87	3	19.5	106	3
4	38	16	S	east	Beck	Eleven Mile	Grand River	2	2,234	23-24	0	0	0	0	8.0	11	79	5	19	97.5	4
5	153	36	S	east	Haggerty	City limits	Taco Bell	1	501		8	13.5	0	0	8.0	0	64	17	29.5	93	5
6	66	23	Р	south	Grand River	Sixth Gate	Main Street	2	293	20-21	16	0	0	0	4.0	0	70	9	20	89.5	6
7	18a	11	S	north	Twelve Mile	Twelve Oaks	Meadowbrook	2	2,923		8	13.5	0	-20	8.0	0	80	4	9.5	89	7
8	93b	27	S	north	Nine Mile	Plaissance	Taft	2	619	23-24	0	4.5	0	0	4.0	10	70	8	18.5	88.5	8
9	53	20	Р	west	Beck	Eleven Mile	Kirkway Place	1	323		8	9	0	-10	4.0	10	65	15	21	85.5	9
10	84b	25	S	east	Meadowbrook	Nine Mile	Chattman	1	2,380	23-24	8	18	0	-20	8.0	0	71	7	14	85	10
11	32a	15	S	west	Novi Rd.	Twelve Oaks	Twelve Mile	2	1,347		0	13.5	0	0	8.0	3	59	20	24.5	83.5	11
	84a			east	Meadowbrook	Ten Mile	Chattman	1	2,323	23-24	8	18	0	-20	8.0	0	65		14	79	12
13	93a	27	S	north	Nine Mile	Novi Rd.	Plaissance	1	1,122	23-24	0	0	0	0	8.0	0	69	10	8	77	13
14	99a	29	Р	south	Ten Mile	Wixom	400' E of Lynwood	2	2,739	23-24	8	4.5	0	-10	8.0	0	66	11	10.5	76.5	14
15		23		south	Grand River	Funeral Home	Meadowbrook	1	802		16	13.5	0	-20	0.0	0	65	15	9.5	74	15
16	119	36	S	east	Meadowbrook	Nine Mile	Singh Blvd	1	1,075	21-22	8	13.5	0	-20	8.0	2	60	19	11.5	71.5	16
17	90	26	Р	south	Ten Mile	Maly Dental	Novi Ridge Apartments	1	2,122	23-24	0	4.5	0	-20	8.0	0	76	6	-7.5	68	17
18	58b	21	S	east	Beck	Cider Mill	Sierra	1	5,553		0	0	0	-10	8.0	1	66	11	-1	65	18
19	82b	25	S	west	Haggerty	Pavilion Ct Apartments	Nine Mile	1	539		0	0	0	-10	8.0	4	59	20	2	61	19
20	18b	11	S	north	Twelve Mile	Novi Rd.	Twelve Oaks	1	2,027		8	0	0	-20	8.0	1	61	18	-3	58	20
21	58a	21	S	east	Beck	Ashley	Cider Mill	1	1,228		0	0	0	-20	8.0	2	66	11	-10	56	21
						To	otal Length in feet		31,887												