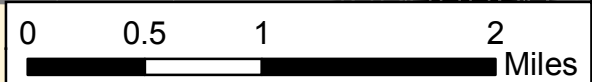
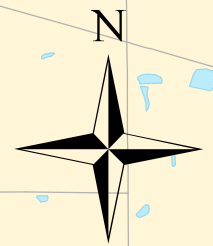
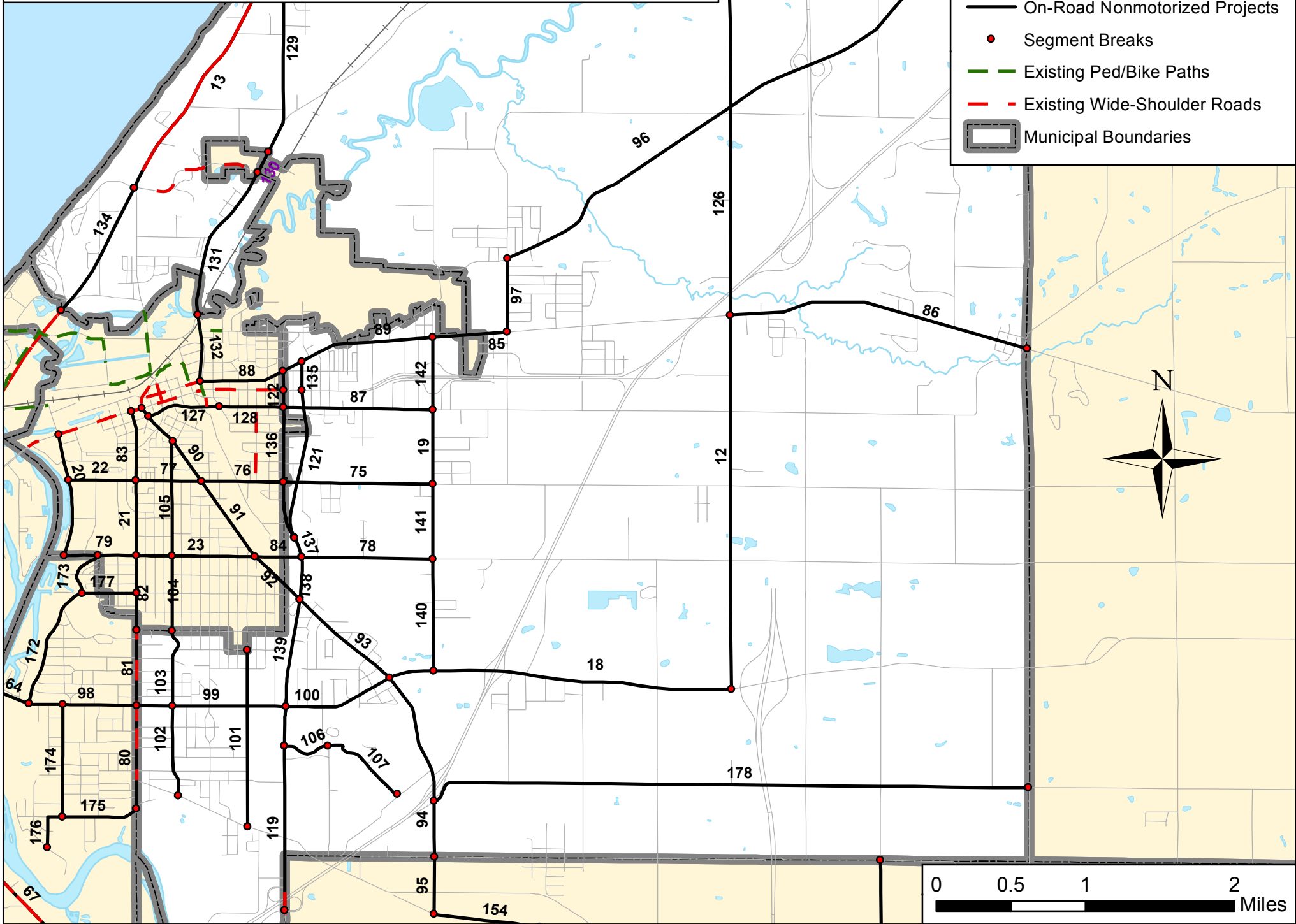


Benton Township Walk and Roll Segment

Legend

- On-Road Nonmotorized Projects
- Segment Breaks
- Existing Ped/Bike Paths
- - Existing Wide-Shoulder Roads
- ▭ Municipal Boundaries



Benton Township On-Road Project Segments: Classification Data

Segment ID	StreetName	End Point #1	End Point #2	Municipality	Municipality #2	Legal System	Route Type	Trunkline	NHS	Function Class	Seasonal Adjustment Classification
12	Benton Center Rd	Territorial Ave to north	Napier Ave to the south	Benton Township		2	9		0	7 / 17	Urban Area Limit
13	M-63	Hagar Township border to north	Enterprise Way to the south	Benton Township		1 / 2	2 / 9	NA / M-63	0	19	Recreation Corridor / Urban Area Limit
18	Napier Ave	Pipestone Rd to west	Benton Center Rd to east	Benton Township		1 / 2	1 / 9	NA / US-31	0	6 / 14 / 16	Urban Area Limit
19	Crystal Ave	Highland Ave to north	Britain Ave to south	Benton Township		2	9		0	16	Urban Area Limit
75	Britain Ave	Fair Ave to west	Crystal Ave to east	Benton Township		2	9		0	16	Urban / Urban Area Limit
78	Empire Ave	M-139 to west	Crystal Ave to east	Benton Township		2	9		0	16	Urban Area Limit
80	Colfax Ave	Napier Ave to north	Nickerson Ave to south	Benton Township	St Joseph Township	2	9		0	16	Urban
81	Colfax Ave	Emery Ave to north	Napier Ave to south	Benton Township	St Joseph Township	2	9		0	16	Urban
85	Territorial Ave	Fair Ave to west	Euclid Ave tp east	Benton Township	Benton Harbor						
86	Territorial Ave	Benton Center Rd to west	BCT border to east	Benton Township		2 / 4	9		0	16	Urban Area Limit
87	Highland Ave	Fair Ave to west	Crystal Ave to east	Benton Township		2	9		0	17	Urban / Urban Area Limit
89	Territorial Ave	Fair Ave to west	Crystal Ave to east	Benton Township		2	9 / 11	NA / Old US-12	0	16	Urban / Urban Area Limit
93	Pipestone Rd	M-139 to west	Napier Ave to south	Benton Township		2	11	Old US-31	0	14	Urban Area Limit
94	Pipestone Rd	Napier Ave to north	Sodus border to south	Benton Township		2	11	Old US-31	0	16	Urban Area Limit
96	Red Arrow Hwy	Hagar Township border to north	Euclid Ave to south	Benton Township		2	11	Old US-12	0	7	Rural / Urban Area Limit
97	Euclid Ave	Red Arrow Hwy to north	Territorial Ave to south	Benton Township		2	9		0	17	Urban Area Limit
99	Napier Ave	Colfax Ave to west	M-139 to east	Benton Township		2	9		0	14	Urban / Urban Area Limit
100	Napier Ave	M-139 to west	Pipestone Rd to east	Benton Township		2	9		0	14	Urban Area Limit
101	Union Ave	Donald Atkins Dr to north	Nickerson Ave to south	Benton Township		2	9		0	17	Urban / Urban Area Limit
102	Broadway Ave	Napier Ave to north	Nickerson Ave to south	Benton Township		3	9		0	19	Urban
103	Broadway Ave	Emery Ave to north	Napier Ave to south	Benton Township		2	9		0	17	Urban
106	Fairplain Dr	M-139 to west	Mall Dr to east	Benton Township		2	9		0	17	Urban Area Limit
107	Mall Dr	Fairplain Dr to west	Cinema Way to east	Benton Township		2	9		0	17	Urban Area Limit
119	M-139	Napier Ave to north	I-94 ramps to south	Benton Township		1	2	M-139	1	14	Urban Area Limit
120	Fair Ave	Main St to north	Highland Ave to south	Benton Township	Benton Harbor	1	2	M-139	1	14	Urban
121	Martin Luther King Dr	Michigan St to south	Main St to North	Benton Township		1	2	M-139	1	14	Urban Area Limit
122	Fair Ave	Territorial Ave to north	Main St to south	Benton Township	Benton Harbor	4	11	Old US-12	0	16	Urban
126	Benton Center Rd	Hagar border to north	Territorial Ave to south	Benton Township		2	9		0	7 / 17	Urban Area Limit
129	Paw Paw Ave	BH/BCT border to south	BCT border to north	Benton Township		2	7	Old M-139	0	16	Urban Area Limit
131	Paw Paw Ave	Enterprise Way	Paw Paw River	Benton Township		2	7	Old M-139	0	16	Urban Area Limit
133	Paw Paw Ave	BH/BCT border to south	M-63	Benton Township		2	7	Old M-139	0	6	Urban Area Limit
134	M-63	Enterprise Way to north	Benton Harbor border to south	Benton Township		1	2	M-63	0	16	Recreation Corridor
135	Martin Luther King Dr	Main St to south	Territorial Ave to north	Benton Township		2	11	Old US-12	0	16	Urban Area Limit
136	Fair Ave	Highland Ave to north	Fair/MLK junction to south	Benton Township	Benton Harbor	1	2	M-139	1	14	Urban
137	M-139	Fair/MLK junction to north	Empire Ave to south	Benton Township		1	2	M-139	1	14	Urban Area Limit
138	M-139	Empire Ave to north	Pipestone St to south	Benton Township		1	2	M-139	1	14	Urban Area Limit

Project segments flagged for detailed display at public input meetings

See attached sheet for field definitions

Benton Township On-Road Project Segments: Classification Data

Segment ID	StreetName	End Point #1	End Point #2	Municipality	Municipality #2	Legal System	Route Type	Trunkline	NHS	Function Class	Seasonal Adjustment Classification
139	M-139	Pipestone St to north	Napier Ave to south	Benton Township		1	2	M-139	1	14	Urban Area Limit
140	Crystal Ave	Empire Ave to north	Napier Ave to south	Benton Township		2	9		0	16	Urban Area Limit
141	Crystal Ave	Britain Ave to north	Empire Ave to south	Benton Township		2	9		0	16	Urban Area Limit
142	Crystal Ave	Territorial Ave to the north	Highland Ave to south	Benton Township		2	9		0	16	Urban Area Limit
84	Empire Ave	Pipestone St to west	M-139 to east	Benton Harbor	Benton Township						
92	Pipestone St	Empire Ave to north	M-139 to east	Benton Harbor	Benton Township	4	11	Old US-31	0	14	Urban Area Limit
130	Paw Paw Ave	BH/BCT border to north	Enterprise Way	Benton Harbor	Benton Township	2	7	Old M-139	0	16	Urban Area Limit
178	Meadowbrook Rd	Pipestone Rd to the west	Benton Township border to the east	Benton Township		2	9		0	17	Urban Area Limit

Project segments flagged for detailed display at public input meetings

See attached sheet for field definitions

Benton Township On-Road Project Segments: Design Data

Segment ID	StreetName	End Point #1	End Point #2	Right Of Way	Surface	Number of		Through	Striping/Medians	Signs/Signals	Other Infrastructure
				Width	Width	Left Shoulder	Right Shoulder	Lanes			
12	Benton Center Rd	Territorial Ave to north	Napier Ave to the south	66	20	3 ft gravel	3 ft gravel	2	2		
13	M-63	Hagar Township border to	Enterprise Way to the south	0	0			2	2		
18	Napier Ave	Pipestone Rd to west	Benton Center Rd to east	150	60	5 ft undefined	5 ft undefined	5	4		
19	Crystal Ave	Highland Ave to north	Britain Ave to south	66	24	8 ft gravel	8 ft gravel	2	2		
75	Britain Ave	Fair Ave to west	Crystal Ave to east	66	24	4 ft gravel	4 ft gravel	2	2		
78	Empire Ave	M-139 to west	Crystal Ave to east	66	24	4 ft gravel	4 ft gravel	2	2		
80	Colfax Ave	Napier Ave to north	Nickerson Ave to south	66	40			2	2		
81	Colfax Ave	Emery Ave to north	Napier Ave to south	66	40			2	2		
85	Territorial Ave	Fair Ave to west	Euclid Ave tp east	0	40			2	2		
86	Territorial Ave	Benton Center Rd to west	BCT border to east	0	40			2	2		
87	Highland Ave	Fair Ave to west	Crystal Ave to east	0	20	3 ft gravel	3 ft gravel	2	2		
89	Territorial Ave	Fair Ave to west	Crystal Ave to east	66	52			3	2		
93	Pipestone Rd	M-139 to west	Napier Ave to south	0	60			4	4		
94	Pipestone Rd	Napier Ave to north	Sodus border to south	0	60		5 ft undefined	5	4		
96	Red Arrow Hwy	Hagar Township border to north	Euclid Ave to south	0	24	8 ft gravel	8 ft gravel	2	2		
97	Euclid Ave	Red Arrow Hwy to north	Territorial Ave to south	66	32			2	2		
99	Napier Ave	Colfax Ave to west	M-139 to east	90	60	2 ft undefined	2 ft undefined	5	4		
100	Napier Ave	M-139 to west	Pipestone Rd to east	80	60	2 ft undefined	2 ft undefined	5	4		
101	Union Ave	Donald Atkins Dr to north	Nickerson Ave to south	0	24	4 ft gravel	4 ft gravel	2	2		
102	Broadway Ave	Napier Ave to north	Nickerson Ave to south	0	21	2 ft gravel	2 ft gravel	2	2		
103	Broadway Ave	Emery Ave to north	Napier Ave to south	66	20	3 ft gravel	3 ft gravel	2	2		
106	Fairplain Dr	M-139 to west	Mall Dr to east	0	0			5	4		
107	Mall Dr	Fairplain Dr to west	Cinema Way to east	0	0			5	4		
119	M-139	Napier Ave to north	I-94 ramps to south	0	0			5	4		
120	Fair Ave	Main St to north	Highland Ave to south	0	0			3	3		
121	Martin Luther King Dr	Michigan St to south	Main St to North	0	0			3	3		
122	Fair Ave	Territorial Ave to north	Main St to south	0	0			2	2		
126	Benton Center Rd	Hagar border to north	Territorial Ave to south	66	22	4 ft gravel	4 ft gravel	2	2		
129	Paw Paw Ave	BH/BCT border to south	BCT border to north	0	20	6 ft gravel	6 ft gravel	2	2		
131	Paw Paw Ave	Enterprise Way	Paw Paw River	0	24	6 ft gravel	6 ft gravel	2	2		
133	Paw Paw Ave	BH/BCT border to south	M-63	0	20	6 ft gravel	6 ft gravel	2	2		
134	M-63	Enterprise Way to north	Benton Harbor border to	0	0			2	2		
135	Martin Luther King Dr	Main St to south	Territorial Ave to north	0	0			2	2		
136	Fair Ave	Highland Ave to north	Fair/MLK junction to south	0	0			3	3		
137	M-139	Fair/MLK junction to north	Empire Ave to south	0	0			5	4		
138	M-139	Empire Ave to north	Pipestone St to south	0	0			5	4		
139	M-139	Pipestone St to north	Napier Ave to south	0	0			5	4		

Project segments flagged for detailed display at public input meetings

See attached sheet for field definitions

Benton Township On-Road Project Segments: Design Data

Segment ID	StreetName	End Point #1	End Point #2	Right Of Way Width	Surface Width	Left Shoulder	Right Shoulder	Number of Lanes	Through Lanes	Sidewalks	Striping/Medians	Signs/Signals	Other Infrastructure
140	Crystal Ave	Empire Ave to north	Napier Ave to south	66	24	8 ft gravel	8 ft gravel	2	2				
141	Crystal Ave	Britain Ave to north	Empire Ave to south	0	24	8 ft gravel	8 ft gravel	2	2				
142	Crystal Ave	Territorial Ave to the north	Highland Ave to south	66	40	unk bituminous	unk bituminous	2	2				
84	Empire Ave	Pipestone St to west	M-139 to east	0	0			2	2				
92	Pipestone St	Empire Ave to north	M-139 to east	0	0			2	2				
130	Paw Paw Ave	BH/BCT border to north	Enterprise Way	0	20	6 ft gravel	6 ft gravel	2	2				
178	Meadowbrook Rd	Pipestone Rd to the west	Benton Township border to the east	66	24	4 ft gravel	4 ft gravel	2	2				

Project segments flagged for detailed display at public input meetings

See attached sheet for field definitions

Benton Township On-Road Project Segments: Condition Data

Segment ID	StreetName	End Point #1	End Point #2	Surface Type	PASER Score	PASER Year	Bike/Ped		Car Crashes - Total	Car Crashes - Fatal	ADT Estimate	Posted Speed	Local Official Ranking	Survey - # of mentions
							Crashes - Total	Fatal						
12	Benton Center Rd	Territorial Ave to north	Napier Ave to the south	Seal Coat	4	2010	0	0	80	0	2,000	55	3	0
13	M-63	Hagar Township border to	Enterprise Way to the south	Composite	10	2010	0	0	90	0	5,000	35 / 55	0	15
18	Napier Ave	Pipestone Rd to west	Benton Center Rd to east	Asphalt	6	2010	1	0	490	2	16,000	40 / 50 / 55	3	17
19	Crystal Ave	Highland Ave to north	Britain Ave to south	Asphalt	5	2010	1	0	37	0	0	45	3	1
75	Britain Ave	Fair Ave to west	Crystal Ave to east	Seal Coat	4	2010	3	0	99	0	2,500	40	3	0
78	Empire Ave	M-139 to west	Crystal Ave to east	Asphalt	9	2009	0	0	118	0	4,500	40	4	6
80	Colfax Ave	Napier Ave to north	Nickerson Ave to south	Asphalt	4	2010	1	0	88	0	6,000	35	4	2
81	Colfax Ave	Emery Ave to north	Napier Ave to south	Asphalt	6	2010	2	0	82	0	6,500	30	4	2
85	Territorial Ave	Fair Ave to west	Euclid Ave tp east	Asphalt	4	2010	0	0	67	0	0		2	1
86	Territorial Ave	Benton Center Rd to west	BCT border to east	Seal Coat	5	2010	0	0	71	1	2,621	25	4	1
87	Highland Ave	Fair Ave to west	Crystal Ave to east	Seal Coat	6	2010	5	1	151	0	1,500	35	5	1
89	Territorial Ave	Fair Ave to west	Crystal Ave to east	Asphalt	10	2010	2	0	71	1	4,200	35	3	1
93	Pipestone Rd	M-139 to west	Napier Ave to south	Asphalt	5	2010	1	0	169	0	8,500	35	5	3
94	Pipestone Rd	Napier Ave to north	Sodus border to south	Asphalt	4	2010	3	0	419	1	8,000	40	5	3
96	Red Arrow Hwy	Hagar Township border to north	Euclid Ave to south	Seal Coat	5	2010	0	0	111	0	1,800	55	3	1
97	Euclid Ave	Red Arrow Hwy to north	Territorial Ave to south	Asphalt	5	2010	0	0	67	0	4,000	35	3	0
99	Napier Ave	Colfax Ave to west	M-139 to east	Concrete/Asphalt	6	2010	6	2	571	0	25,000	40	5	33
100	Napier Ave	M-139 to west	Pipestone Rd to east	Concrete	6	2010	1	0	300	1	15,000	40	4	33
101	Union Ave	Donald Atkins Dr to north	Nickerson Ave to south	Asphalt	6	2010	2	0	137	0	3,000	35	3	3
102	Broadway Ave	Napier Ave to north	Nickerson Ave to south	Asphalt	7	2010	0	0	46	0	500	25	2	7
103	Broadway Ave	Emery Ave to north	Napier Ave to south	Seal Coat	4	2010	1	0	53	0	2,000	25	2	7
106	Fairplain Dr	M-139 to west	Mall Dr to east	Asphalt	7	2010	1	0	96	0	8,000	25	5	6
107	Mall Dr	Fairplain Dr to west	Cinema Way to east	Asphalt	7	2010	1	0	201	0	10,000	25	5	4
119	M-139	Napier Ave to north	I-94 ramps to south	Concrete	7	2010	4	0	733	1	15,000	45	5	7
120	Fair Ave	Main St to north	Highland Ave to south	Composite	5	2010	2	0	114	0	4,700	35	5	8
121	Martin Luther King Dr	Michigan St to south	Main St to North	Concrete	5	2010	5	0	152	0	4,300	45	5	7
122	Fair Ave	Territorial Ave to north	Main St to south	Asphalt	5	2010	3	0	89	0	0	25	3	8
126	Benton Center Rd	Hagar border to north	Territorial Ave to south	Seal Coat	4	2010	1	0	66	0	753	45	3	0
129	Paw Paw Ave	BH/BCT border to south	BCT border to north	Asphalt	7	2010	0	0	24	0	2,500	50	5	1
131	Paw Paw Ave	Enterprise Way	Paw Paw River	Asphalt	7	2010	3	1	81	2	5,000	40	5	1
133	Paw Paw Ave	BH/BCT border to south	M-63	Asphalt	7	2010	0	0	6	0	5,500	50	0	1
134	M-63	Enterprise Way to north	Benton Harbor border to south	Concrete	7	2010	0	0	43	0	4,000	55	3	14
135	Martin Luther King Dr	Main St to south	Territorial Ave to north	Asphalt	4	2010	1	0	43	0	0	25	2	7

Project segments flagged for detailed display at public input meetings

See attached sheet for field definitions

Benton Township On-Road Project Segments: Condition Data

Segment ID	StreetName	End Point #1	End Point #2	Surface Type	PASER Score	PASER Year	Bike/Ped		Car Crashes -		ADT Estimate	Posted Speed	Local Official Ranking	Survey - # of mentions
							Crashes - Total	Fatal	Total	Fatal				
141	Crystal Ave	Britain Ave to north	Empire Ave to south	Asphalt	6	2010	2	0	37	0	6,300	45	4	0
136	Fair Ave	Highland Ave to north	Fair/MLK junction to south	Composite	4	2010	7	0	166	0	4,800	35	5	7
137	M-139	Fair/MLK junction to north	Empire Ave to south	Concrete	5	2010	0	0	79	0	10,500	45	5	7
138	M-139	Empire Ave to north	Pipestone St to south	Concrete	5	2010	3	0	184	0	10,500	45	5	7
139	M-139	Pipestone St to north	Napier Ave to south	Concrete	5	2010	6	0	271	1	11,500	45	5	7
140	Crystal Ave	Empire Ave to north	Napier Ave to south	Asphalt	5	2010	2	0	144	0	6,500	45	4	0
142	Crystal Ave	Territorial Ave to the north	Highland Ave to south	Asphalt	5	2010	0	0	44	1	2,100	35	4	0
84	Empire Ave	Pipestone St to west	M-139 to east	Asphalt	4	2010	4	1	109	0	700		5	4
92	Pipestone St	Empire Ave to north	M-139 to east	Asphalt	7	2010	5	0	202	0	9,500	30	4	5
130	Paw Paw Ave	BH/BCT border to north	Enterprise Way	Asphalt	7	2010	0	0	7	0	3,200	50	5	1
178	Meadowbrook Rd	Pipestone Rd to the west	Benton Township border to the east	Sealcoat	4	2010	0	0	62	2	3,000	55	2	2

Project segments flagged for detailed display at public input meetings

See attached sheet for field definitions

On-Road Project Segment Field Definitions

Legal System **Indicates ownership of the road**
 1 – State Trunkline
 2 – County Primary
 3 – County Local
 4 – City Major
 5 – City Minor
 9 – Not an Act-51 Certified Public Road

Function Class **MDOT National Functional Classification (NFC) code**
 1 - Rural Interstate (principal arterial)
 2 - Rural Other Principal Arterial
 (non-freeway)
 5 - Rural Other Freeway (principal arterial)
 6 - Rural Minor Arterial
 7 - Rural Major Collector
 8 - Rural Minor Collector
 9 - Rural Local
 11 - Urban Interstate (principal arterial)
 12 - Urban Other Freeway (principal arterial)
 14 - Urban Other Principal Arterial (non-freeway)
 16 - Urban Minor Arterial
 17 - Urban Collector
 19 - Urban Local
 0 or uncoded - not a certified public road

Seasonal Adjustment Classification List of road types as defined for traffic count conversions

Route Type **Indicates status as a state route**
 0 - Interstate Highway
 1 - US Highway
 2 - State Highway
 3 - Interstate Business Loop
 4 - Interstate Business Spur
 5 - US Highway Business Routes
 6 - None
 7 - State Business Route
 8 - Connectors
 9 - Unsigned Trunkline

NHS **Classification in National Highway System**
 0 – Not an NHS road
 1 – An NHS road

ADT Estimate Estimate of average daily traffic on road segments. Estimates are drawn from a number of sources, some stretching back a number of years, and some in conflict with other sources. Figures displayed are rounded broadly.

Local Official Ranking Rough rankings of segment importance from 0 (least important) to 5 (most important). Rankings are derived from meetings with local officials. We realize that the discussions SWMPC staff have had with officials might not fully represent their final views on segment prioritization and that staff may have misinterpreted the expression of some priorities. We encourage further feedback from officials on the priority rankings that we have tentatively listed here.

Crash Totals Crash totals for all bike/pedestrians, fatal bike/pedestrians, all cars, and fatal cars represent the total number of crashes between January 2000 and December 2009 placed within 5 meters of the road segment in question.