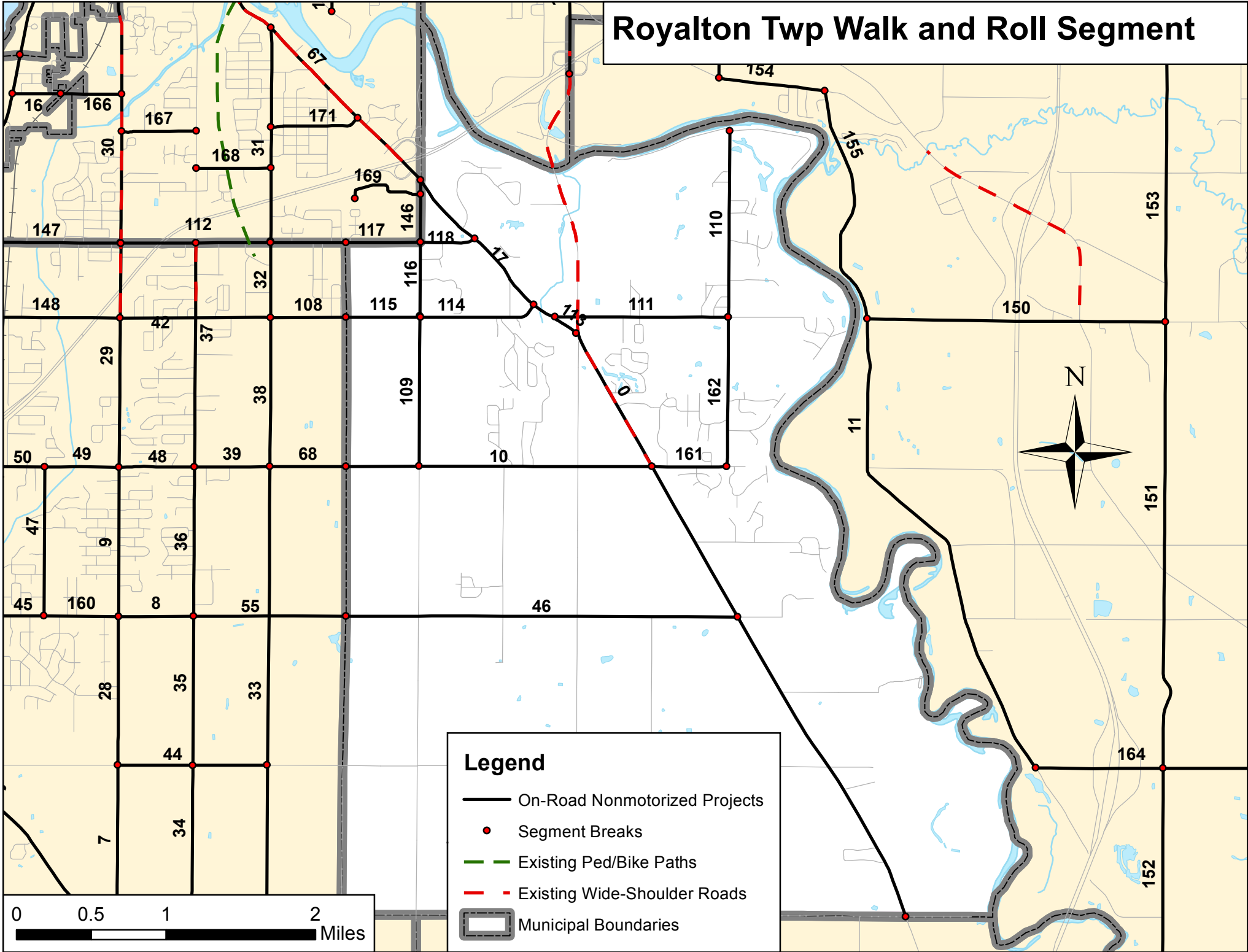


Royalton Twp Walk and Roll Segment



Legend

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

0 0.5 1 2 Miles

Royalton 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	Seasonal Adjustment	
										Function Class	Classification
0	M 139	Scottdale Rd/Niles Rd to the north	Ornoko Twp border to the south	Royalton Twp		2	9		0	8 / 17	Rural / Urban Area Limit
10	Marquette Woods Rd	Lincoln Twp border to the west	M 139 to the east	Royalton Twp		3	9		0	19	Urban Area Limit
17	Niles Rd	Hollywood Rd to the west	Miners Rd to the east	Royalton Twp		1	2	M-63	1	14	Urban Area Limit
46	John Beers Rd	Lincoln Twp border to the west	M 139 to the east	Royalton Twp		2	9		0	7 / 17	Urban Area Limit
109	Hollywood Rd	Glenlord Rd to the north	Marquette Woods Rd to the south	Royalton Twp		2	9		0	17	Urban Area Limit
110	Bacon School Rd	Linden Dr to the north	Miners Rd to the south	Royalton Twp							
111	Miners Rd	Niles Rd to the west	Bacon School Rd to the east	Royalton Twp		3	9	NA / M-63	0	19	Urban Area Limit
113	M 63	Miners Rd to the north	M 139 to the south	Royalton Twp		3	7	Old M-63	0	19	Urban Area Limit
114	Glenlord Rd	Hollywood Rd to the west	Niles Rd to the east	Royalton Twp		2	9		0	16	Urban Area Limit
115	Glenlord Rd	Lincoln Twp border to the west	Hollywood Rd to the east	Royalton Twp		2	9		0	16	Urban Area Limit
116	Hollywood Rd	Maiden Ln to the north	Glenlord Rd to the south	Royalton Twp		2	9		0	16	Urban Area Limit
118	Maiden Ln	Hollywood Rd to the west	Niles Rd to the east	Royalton Twp		3	9		0	19	Urban Area Limit
161	Marquette Woods Rd	M 139 to the west	Bacon School Rd to the east	Royalton Twp		3	9		0	19	Urban Area Limit
162	Bacon School Rd	Miners Rd to the north	Marquette Woods Rd to the south	Royalton Twp		3	9		0	19	Urban Area Limit
117	Maiden Ln	Lincoln Twp border to the west	Hollywood Rd to the east	St Joseph Twp	Royalton Twp	3	9		0	19	Urban Area Limit
146	Hollywood Rd	Niles Rd to the north	Maiden Ln to the south	St Joseph Twp	Royalton Twp	2	9		0	16	Urban Area Limit

Project segments flagged for detailed display at public input meetings

See attached sheet for field definitions

Royalton Township On-Road Project Segments: Design Data

Segment ID	StreetName	End Point #1	End Point #2	Right Of Way	Surface	Left Shoulder	Right	Number of	Through	Sidewalks	Striping/Medians	Signs/Signals	Other Infrastructure
				Width	Width		Shoulder						
0	M 139	Scottdale Rd/Niles Rd to the north	Ornoko Twp border to the south	0	0			2	2				
10	Marquette Woods Rd	Lincoln Twp border to the west	M 139 to the east	66	20	1 ft gravel	1 ft gravel	2	2				
17	Niles Rd	Hollywood Rd to the west	Miners Rd to the east	0	0			2	2				
46	John Beers Rd	Lincoln Twp border to the west	M 139 to the east	66	26	4 ft gravel	4 ft gravel	2	2				
109	Hollywood Rd	Glenlord Rd to the north	Marquette Woods Rd to the south	66	20	4 ft gravel	4 ft gravel	2	2				
110	Bacon School Rd	Linden Dr to the north	Miners Rd to the south	66	20	3 ft gravel	3 ft gravel	2					
111	Miners Rd	Niles Rd to the west	Bacon School Rd to the east	66	22	4 ft gravel	4 ft gravel	2	2				
113	M 63	Miners Rd to the north	M 139 to the south	66	24			2	2				
114	Glenlord Rd	Hollywood Rd to the west	Niles Rd to the east	66	24	4 ft gravel	4 ft gravel	2	2				
115	Glenlord Rd	Lincoln Twp border to the west	Hollywood Rd to the east	66	22	4 ft gravel	4 ft gravel	2	2				
116	Hollywood Rd	Maiden Ln to the north	Glenlord Rd to the south	66	40	2 ft gravel	2 ft gravel	3	2				
118	Maiden Ln	Hollywood Rd to the west	Niles Rd to the east	0	32			2	2				
161	Marquette Woods Rd	M 139 to the west	Bacon School Rd to the east	66	20	2 ft undefined	2 ft undefined	2	2				
162	Bacon School Rd	Miners Rd to the north	Marquette Woods Rd to the south	66	20	2 ft gravel	2 ft gravel	2	2				
117	Maiden Ln	Lincoln Twp border to the west	Hollywood Rd to the east	0	30	2 ft gravel	2 ft gravel	2	2				
146	Hollywood Rd	Niles Rd to the north	Maiden Ln to the south	66	40	2 ft gravel	2 ft gravel	3	2				

Project segments flagged for detailed display at public input meetings

See attached sheet for field definitions

Royalton Township On-Road Project Segments: Condition Data

Segment ID	StreetName	End Point #1	End Point #2	Surface Type	PASER		Bike/Ped	Bike/Ped	Car Crashes -	Car Crashes -	ADT	Posted Speed	Local	Survey - # of mentions
					Score	PASER Year	Crashes - Total	Crashes - Fatal	Total	Fatal	Estimate		Official Ranking	
0	M 139	Scottdale Rd/Niles Rd to the	Ornoko Twp border to the south	Composite	6	2010	1	0	504	4	3,000	55	2	17
10	Marquette Woods Rd	Lincoln Twp border to the west	M 139 to the east	Asphalt	8	2010	0	0	72	0	2,000	55	3	0
17	Niles Rd	Hollywood Rd to the west	Miners Rd to the east	Composite	5	2010	0	0	164	1	12,000	55	3	10
46	John Beers Rd	Lincoln Twp border to the west	M 139 to the east	Asphalt	8	2009	0	0	76	0	3,000	50 / 55	2	2
109	Hollywood Rd	Glenlord Rd to the north	Marquette Woods Rd to the	Seal Coat	4	2010	0	0	59	0	3,500	55	3	0
110	Bacon School Rd	Linden Dr to the north	Miners Rd to the south	Asphalt	6	2010	0	0	21	0	8,000		3	0
111	Miners Rd	Niles Rd to the west	Bacon School Rd to the east	Asphalt	3	2010	0	0	118	1	3,500	45	3	0
113	M 63	Miners Rd to the north	M 139 to the south	Seal Coat	7	2010	0	0	18	0	18,000	55	2	10
114	Glenlord Rd	Hollywood Rd to the west	Niles Rd to the east	Asphalt	7	2010	0	0	46	0	3,500	35 / 55	5	0
115	Glenlord Rd	Lincoln Twp border to the west	Hollywood Rd to the east	Asphalt	6	2010	0	0	38	0	4,000	55	5	0
116	Hollywood Rd	Maiden Ln to the north	Glenlord Rd to the south	Asphalt	10	2010	0	0	45	0	5,000	55	5	0
118	Maiden Ln	Hollywood Rd to the west	Niles Rd to the east	Asphalt	5	2010	0	0	38	0	2,100	25	3	6
161	Marquette Woods Rd	M 139 to the west	Bacon School Rd to the east	Asphalt	5	2010	0	0	28	0	600	45	3	0
162	Bacon School Rd	Miners Rd to the north	Marquette Woods Rd to the	Seal Coat	6	2010	0	0	11	0	600	45	3	0
117	Maiden Ln	Lincoln Twp border to the west	Hollywood Rd to the east	Asphalt	5	2010	0	0	40	0	3,700	35	5	6
146	Hollywood Rd	Niles Rd to the north	Maiden Ln to the south	Asphalt	10	2010	0	0	97	0	9,000	45	5	1

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.

Royalton Township Stakeholder Meeting

November 23, 2010

Attendees: Suzann Flowers, Trevor Thomas, Jim Soteriou, Steve Tilly, Bill Boyd, and Bill Foust.

Attachments passed out: Funding matrix from federal highway, Fact or Fiction sheets, Royalton Township bicycle/pedestrian crash reports.

1. Thomas reviewed the agenda and goals and objectives of the non-motor subcommittee as it pertained to the TwinCATS committees. Thomas further stated that there would be a separate non-motorized plan that will be included in the Long Range Transportation plan for the area.
2. Thomas explained the different maps that were presented to the representatives, went over the details of the pedestrian/bike crash data, and discussed the implications bike and pedestrian safety for non-motorized planning. Thomas further described the rationale for stakeholder meetings and discussed the benefits to cities, villages, and townships that participating in an MPO non-motorized plan entails.
3. Boyd discussed the incorporation of non-motorized mandates within the community Master Plan and where the largest residential developments have occurred and the need to connect those areas together.
4. Boyd asked about how the eventual non-motorized plan could be leveraged to benefit the Township, and Flowers and Thomas responded by saying that the enshrinement of particular projects within an official plan, as well as the plan's role in showing Royalton projects as providing greater regional connectivity, could help greatly in obtaining funds for non-motorized projects. SWMPC staff will also be able to use data collected in generating the plan to assist the Township in arguing for the importance of projects.
5. Please see below for summary of additional discussion pertaining to specific projects.
6. Several comments were made regarding the rebuilding of roadways during the next several years:
 1. **2014 Hollywood Road**
 2. **2015-2018 Bacon School Road**

Specific Projects Sited
(Priority Selected)

- **High Priority**

1. **Hollywood Road**

- i. **Hospital** - The hospital land has built walking paths within their property and they are highly used. There was discussion about connecting Panera Bread (Hollywood Road and Niles Avenue) down along Hollywood Road to Rogers Foodland and provide for a connection to the walking paths. IMPROVEMENT: SIDEWALKS OR SHARED USE PATH (ALSO SUGGESTED A CURB AND GUTTER WITH SIDEWALK)

- ii. **Connecting Royalton Township to St. Joseph Township -**
IMPROVEMENT: SIDEWALKS OR SHARED USE PATH
- 2. **Glenlord Road - IMPROVEMENT: SIDEWALK OR SHARED USE PATH**
- **Medium Priority**
 - 1. **Maiden Lane-IMPROVEMENT: SIDEWALK OR SHARED USE PATH**
 - 2. **Miners Road-IMPROVEMENT: PAVED SHOULDER OR BIKE LANE**
 - 3. **Bacon School Road-IMPROVEMENT: SHARED USE PATH OR BIKE LANE**
- **Low Priority**
 - 1. **Niles Road from Maiden Lane south to Glenlord - IMPROVEMENT: NON-MOTORIZED PATH**
 - 2. **John Beers Road – The eastern portion of John Beers Rd in particular is not a high priority, given the agricultural nature of the area. IMPROVEMENT: PAVED SHOULDER OR BICYCLE LANE**
 - 3. **M-139 - Bicycle lanes along M-139 were seen as a low priority, as the road will still present significant danger to bicyclists. Better crossing provisions were seen as a somewhat higher priority, namely the crossing of M-139 at Marquette Woods Road. IMPROVEMENT: SIGNALIZATION FOR PEOPLE AND BICYCLES TO CROSS**

Royalton Township suggested that they have their own individual meeting regarding public input. The meeting was suggested to be held in March or April when residents return. The format should contain an informal presentation and then take public comment. Materials need to be sent to the Township so that they can include the maps and meeting information on their website.