



PHASING AND FUNDING STRATEGY

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PHASING AND FUNDING STRATEGY

6.1 ACTION PROGRAM DEVELOPMENT

Summary

Section 6 of the plan was developed based on the cost projections produced in Section 5 of this study, input gathered from stakeholder and public meetings and specifically feedback from the joint decision maker meeting held at Roscommon Township in November of 2013.

This section provides a summary and preferred trail routing by segments in the form of a **Phasing and Funding Action Program** for implementation. The information is organized to illicit detailed answers to the five “Ws” of desired project; **Who, What, Where, When, Why or more accurately (How)** for a particular segment of the plan. The five “W’s” are defined for these purposes as:

- Who** — will the lead entities, partners and stakeholders be
- What** - type of activity: planning/funding, designing, building
- Where** — segment or sub-segment number (per the plan)
- When** — priority relative to other projects in a given year(s)
- Why (How)** - Budgets and targeted funding sources

The information is created in a working document which allows for update, tracking, and customization. It is intended to be a working tool (not static document) for which data must be gathered, updated and periodically reviewed as the plan parts are implemented. To do this a presiding committee or agency spear-heading the trail plan execution needs to be designated and committed to its use and maintenance.

Recommendations from the Action Program can be pulled into and/or updated from the Capitol Improvements Planning (CIP) and other budgeting processes as the respective communities conduct them each year.

Similarly, the trail master plan itself and its phasing and funding components can and should be referenced in the community’s updated or amended Comprehensive Master and Recreation Plans.

The adjacent chart is a simplified representation of the **Phasing and Funding Strategy** format developed for the plan (*see Table 6.1— Phasing and Funding Action Program Template*).

The following pages map out a multi-year scenario or strategy for implementation of the trail plan components.

Phasing and Funding Action Program (TEMPLATE)							
				Funding Sources*			
When	What	What	When	Why	Who	How	
Year	Segment #	Project Name / Description / Action	Priority	Est. Cost	Local	State / Federal	Notes / Timeframes
2014	5	Type: I.e. Shared use, Bike Lanes Size: Width / Length Location: Road Section Names Special: I.e. trail head, bridge etc.	1	\$ Dollars Percentage of total project	Source of \$	Target Agency	<ul style="list-style-type: none">Due datesGovernment actionsAward datesCoordination
2015	1		2	Projected fees	Incl. above/below if applicable	I.e. MDNR - MNRTF	<ul style="list-style-type: none">Due datesGovernment actionsAward datesCoordination
2016	2		3	Projected fees Opinion of costs Other costs	Incl. above/below if applicable	I.e. MDOT TE	<ul style="list-style-type: none">Construction windowGovernment actionsCoordination

Phase Legend:

- | | | |
|-------------|-----------------------------|--|
| <div></div> | = Project Development Phase | Conceptual design / Costs / Design Grant |
| <div></div> | = Grant Development Phase | Construction Grants / Funding Development |
| <div></div> | = Design Construction Phase | Construction Implementation – Project Engineering and Construction Engineering (PE/CE) |

Acronyms:

Potential Funding Sources: MDOT Transportation Enhancement (TE); Michigan Department of Natural Resources (MDNR) – Michigan Natural Resources Trust Fund (MNRTF); Recreation Passport (Rec Pass); Land & Water Conservation Fund (L&WCF); USDA (Rural Business Enterprise (RBEG) Grant; Michigan Economic Development Corporation (MEDC) – Targeted grant

Table Exhibit 6.1 — Phasing and Funding Template

PHASING AND FUNDING STRATEGY

TRAIL SEGMENTS: 1 - 6
ACTION PROGRAM
Lake and Roscommon Townships - Recreational Trail Development and Planning Collaborative
Phase I - Planning Project - JUNE 2014

Year	Segment	Description / Actions	Funding Sources						
			Priority	Est. Cost	Local Cost Share	State of MI	Federal	funds; Foundations)	Notes / Time frames
2014	5	Paved Bike Path (Clearview Ave. to M-55 (east side) / 10' paved non-motorized pathway / Preliminary Engineering (development grant)	1						
		Opportunity Sub to Muddy Bay (east side)							
2014	5	Grant Application Preparation	1	\$1,500	\$1,500				RBEG for MDOT TE
2014	5	.6 miles asphalt pathway (Prelim. Engineering)	1	\$25,000	\$5,000		\$20,000		RBEG
2014-15	5	Grant Application Preparation (option: combine w/ 5b)	1	Included above	Included above		Included above		MDOT TE
2015	5	.7 miles asphalt pathway (coordinate with MDOT M-55 project, including signal and crosswalk upgrades)	2	\$217,488	\$65,246	MDNR?	\$152,241		MDOT TE
	5b	Paved Bike Path (Private Ca.pround to M-55 (west side) / 10' paved non-motorized pathway / Preliminary Engineering (development grant)							
		Opportunity Sub to M-55 (west side)							
TBD	5b	Grant Application Preparation (option: combine w/ 5a)	1						MDOT TE
TBD	5b	.35 miles asphalt pathway	2	\$113,588	\$34,076		\$79,511		MDOT TE

2015	1	100-120' Clear span Light duty bridge / Connect primary trial route E. Houghton Lake Dr. to W. Shore Dr., (Trail heads separate) / Prelim Engineering	1	\$5,000	\$5,000				
		NHLSFCC to Muskegon River							
2016	1	Grant Application Preparation	1	\$2,000	\$2,000				To be determined
2017	1	.81 miles bike lanes (ex. road)	1	\$15,269	\$4,581	\$10,688			MNRTF
2017	1	100' freespan non-motorized bridge	1	\$250,000	\$75,000	\$175,000			MNRTF

- Project Phase Legend:
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Acronyms:

Potential Funding Sources: MDOT Transportation Enhancement (TE), Michigan Department of Natural Resources (MDNR) – Michigan Natural Resources Trust Fund (MNRTF), Recreation Passport (Rec Pass), Land & Water Conservation Fund (L&WCF), USDA (Rural Business Enterprise (RBE) Grant, Michigan Economic Development Corporation (MEDC) – Targeted grant

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Table Exhibit 6.2 — Action Program Segments 5 and 1

PHASING AND FUNDING STRATEGY

TRAIL SEGMENTS: 1 - 6
ACTION PROGRAM
Lake and Roscommont Townships - Recreational Trail Development and Planning Collaborative
Phase I - Planning Project - JUNE 2014

					Funding Sources				
Year	Segment	Description / Actions	Priority	Est. Cost	Local Cost Share	State of MI	Federal	funds; Foundations)	Notes / Time frames
	2	Paved Shoulders (4' Rt. & 2'Lt) incl. pvmt markings, wayfinding signs							
	Muskegon River to Lewis Subdivision								
2016	2	Grant Application Preparation (w/ segments 3 and 4)	1	\$1,500	\$1,500				
2018	2	1.25 miles paved shoulders	3	\$201,600	\$60,480		\$141,120	possilbe local fund match	MDOT TE
	3	Paved Shoulders (4' Rt. & 2'Lt) incl. pvmt markings, wayfinding signs							
	Lewis Subdivision to Pine Beach								
2016	3	Grant Application Preparation (w/ segments 2 and 4)	1	\$1,500	\$1,500				
2018	3	1.55 miles paved shoulders	2	\$249,600	\$74,880		\$174,720	possilbe local fund match	MDOT TE
	4	Paved Shoulders (4' Rt. & 2'Lt) incl. pvmt markings, wayfinding signs							
	Pine Beach to Opporunity Sub	.12 miles paved shoulders							
2016	4	Grant Application Preparation (w/ segments 2 and 3)	1	\$1,500	\$1,500				
2018	4	1.08 miles asphalt pathway, 21 miles paved shoulders	1	\$256,550	\$76,965		\$179,585	possilbe local fund match	MDOT TE
	6a	Combined ex. bike pathway, new paved pathway and shoulder, bike lanes and bike route, Midblock safe crossings, (trailheads separate)							
	Muddy Bay to Knapp Road								
	Knapp Road - M-55 to Skinner Park/S. Harrison								
2017	6a	Grant Application Preparation (w/ segment 6b)	1	\$2,000	\$2,000				RBEG
2019	6a	.07 miles asphalt pathway; Mid Block crossing	2	\$51,538	\$15,461		\$36,076		MDOT TE
2019	6a	.45 miles paved shoulder	3	\$80,000	\$24,000		\$56,000	possilbe local fund match	MDOT TE
2019	6a	.25 miles bike lane; 1.17 miles bike route	2	\$12,000	\$3,600		\$8,400	possilbe local fund match	MDOT TE
	6b	Combined ex. road bike lanes and bike route, Midblock safe crossings, (trailheads separate)							
	Knapp Road to Lakeview Park								
	Federal Ave. - M-55 to Loxley Rd.								
	Loxley Rd. - Federal Ave to Knapp Rd.								
2017	6b	Grant Application Preparation (w/ segment 6a)	3	\$2,000	\$2,000				RBEG
2019	6b	3.17 miles bike route	3	\$50,025	\$15,008		\$35,018	possilbe local fund match	RBEG / other
Totals				\$1,487,631	\$454,289	\$185,688	\$847,654		

Project Phase Legend

= Project Development Phase (Conceptual design / Costs / Design Grant)

= Grant Development Phase (Construction Grants / Funding Development)

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Acronyms

Potential Funding Sources: MDOT Transportation Enhancement (TE), Michigan Department of Natural Resources (MDNR) – Michigan Natural Resources Trust Fund (MNRTF); Recreation Passport (Ree Pass); Land & Water Conservation Fund (L&WCF); USDA (Rural Business Enterprise (RBEG) Grant; Michigan Economic Development Corporation (MEDC) – Targeted grant



Table Exhibit 6.3 — Action Program Segments 2-4 and 6