

**Blue Star Trail Feasibility Study – Main Street to Maple Street  
Comparison of West and East Side Options – December 26, 2019**

<b>Design Consideration</b>	<b>West Side</b>	<b>East Side</b>
Can the option be designed and constructed to meet traffic and safety standards?	Yes	Yes
Can the option be designed to meet MDOT design requirements?	Yes	Yes
Can the option be designed to meet MDOT funding requirements?	Yes	Yes
Can the option be designed to meet anticipated MDEQ requirements?	Yes	Yes
Can parts of the trail be implemented without MDOT funding?	No	No
How many trail crossings of Blue Star Highway are required?	0	2-3
Does the trail cross Lake Street?	Yes	No
How many other side street crossings are required between Main & Maple Streets?	2	3 <sup>1</sup>
How do the anticipated maintenance costs compare?	Lower	Higher
Can snow removal be accomplished effectively?	Yes	Yes
Is a new snow removal operation required?	No	Yes <sup>2</sup>
Is the trail width provided intended to serve multiple types of non-motorized users?	Yes	Yes
Can the option be coordinated with the Douglas portion of the trail effectively?	Yes	Yes
Does the option reduce driver confusion for southbound traffic at Main Street?	Yes	Yes
Is the transition for southbound traffic between the bridge and Main Street improved?	Yes	No
Is the left turn lane for southbound traffic at Main Street maintained?	Yes	Yes
Does the option incorporate the use of delineator posts?	No	No
Does the option incorporate the use of decorative railings?	No	No
Does the option incorporate the use of (low maintenance) fencing?	Yes	Yes
Will the City be provided with funds for trail maintenance?	Yes	Yes
Is the 3-lane configuration maintained for emergency situations?	Yes	Yes
What is the minimum shoulder width on the bridge for cyclists and mopeds?	3'	1'
Will the view from the bridge on the trail side be affected (slightly, below 54")?	Yes	Yes
Can the railing modifications incorporate artistic enhancements?	Yes	Yes
Is the lane configuration maintained at Lake Street?	Yes	Yes
- Is the southbound acceleration lane maintained at Lake Street?	Yes	Yes
- Is the northbound left turn lane maintained at Lake Street?	Yes	Yes
- Is the southbound approach lane configuration maintained?	Yes <sup>3</sup>	Yes
Is a traffic signal recommended at Lake Street?	Yes	No
Is an enhanced Blue Star Highway crossing (flashers, e.g.) required at Lake Street?	No	Yes
Will the peak hour performance of the intersection be improved?	Yes	No
Does the trail conflict with the palette sign?	No	No
Can a landscaping area be preserved around the palette sign?	Yes	Yes
How will the aesthetics of the palette sign area be changed (renderings forthcoming)?	TBD	TBD
Can the palette sign be relocated slightly if aesthetics remain a concern?	Yes	Yes
Will southbound trail users be directed to downtown Saugatuck via Old Allegan Road?	Yes	Yes
What is the speed limit at the traffic signal location Lake Street / Old Allegan Road?	35mph	55mph
Does the option incorporate a traffic signal at Old Allegan Road synced with Center Street?	TBD	TBD
What is the anticipated cost from Main Street to Maple Street?	\$1.2M	\$1.9M <sup>4</sup>

Notes:

1. The trail crosses Washington Street and Maple Street on the West Side, or Main Street, Bridge Street and Maple Street / Bradley Road on the East Side.
2. If desired by the City. Snow removal on Blue Star Trail has been done on a case-by-case basis, depending on community preference.
3. While not currently marked as a turn lane, the width currently used for right turns onto Lake Street would be used to provide space to avoid impacting the palette sign area. Peak hour right turns onto Lake Street are 40/hour (compared to 250/hour for left turns onto Lake Street).
4. Does not include the following associated costs:
  - o Traffic signal at Old Allegan Road
  - o Potential utility relocation costs
  - o Redesign of trail between Maple Street and Old Allegan Road
  - o Incremental maintenance cost of the additional infrastructure