

TwinCATS 2020-2023 Road Project Prioritization System

Project Name: Lake StreetAgency: City of BridgmanProposed Year: 2022
(Flexible)Total Points: 34

Criteria	Points	
System Preservation	18 points max	
a. Most recent PASER rating		
3-4	10	
5-6	8	8
1-2	5	
b. Extension of Remaining Service Life (RSL) based on MDOT Geometric Guidelines		
Extends RSL by 15 years or more (4R project)	8	8
Extends RSL by 10-14 years (3R Project)	6	
Extends RSL by 5-9 years (Preventative Maintenance)	4	
Extends RSL by 2-4 years (Preventative Maintenance)	2	
Safety	7 points max	
a. Expected Crash Reduction - Based on MDOT approved Crash Reduction Factors		
50% or greater	5	
40%-49.9%	4	
30% - 39.9%	3	
20% - 29.9%	2	
10% - 19.9%	1	
Less than 10%	0	0
b. Addressing High Crash Locations.		
Number of crashes is 20% higher than MPO median (4 or more)	2	
Number of crashes are within 20% of MPO median (2-3)	1	1
Number of crashes is lower than 20% of the MPO median (0-1)	0	
Non-motorized Transportation / Complete Streets	6 points max	
a. Follows the Complete Streets Policy	4	4
b. Pedestrian and bicycle elements of the project connect to existing bicycle and pedestrian facilities or those that can reasonably expect to be completed between 2019 and 2023.	2	2

Criteria	Points	
Regional Connectivity	10 points max	
a. Average daily traffic (ADT) based on most recent traffic count		
ADT is 10,000 or more	5	
ADT is 5,000 – 9,999	4	4
ADT is 2,000 – 4,999	3	
ADT is less than 2,000	0	
b. Functional Classification of the Road		
Principal Arterial	3	
Minor Arterial	2	
Major Collector	1	1
Minor Collector	0	
c. Fixed route transit (TCATA Red or Blue line) uses the road	2	
Strategic Investment/ Project Planning	11 points max	
a. Project is identified in an Asset Management or Capital Improvement Plan	3	3
b. Project is identified as a priority in another planning document such as a master plan or parks and recreation plan	1	1
c. Project crosses jurisdictional boundaries (i.e. city to township) and is arranged in such a way to be bid as a single project.	1	
d. Project continues resurfacing, reconstruction, or preventative maintenance on a segment of roadway adjacent to a project completed during the 2017-2020 TIP cycle or through Rural Task Force funding.	2	2
e. Additional Local Match		
Agency will provide 40% or more local match	4	
Agency will provide 30% to 39.9% local match	2	
Note: An 18.15% local match is the minimum required		
Project Readiness (no points)	Yes	
Coordination with sewer or other infrastructure (no points)	Yes	
Total Score (out of 52)		34

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Twin Cities Area Transportation Study
2020-2023 Transportation Improvement Program (TIP)
Federal Surface Transportation Block Grant Funds
Project Application

Section 1. Applicant Information			
Agency Name	City of Bridgman		
Contact Name	Juan Ganum	Title	City Manager
Phone Number	269-465-5144	Email	iganum@bridgman.org

Section 2. Project Information			
Project Name/Road Name	Lake Street Road Improvements - Church St to Gast Rd		
Project Limits (e.g. Napier Ave. to Britain Ave.)	Church Street to Gast Road		
Project Length (nearest hundredth of a mile)	0.50	Proposed Year of Funding	2020 2022 <i>open to cte</i>
Primary Work Type	<input type="checkbox"/> Reconstruct <input checked="" type="checkbox"/> Restore & Rehabilitate <input type="checkbox"/> Roadside Facility <input type="checkbox"/> Resurface <input type="checkbox"/> Traffic Operations/Safety <input type="checkbox"/> Other (explain below)		
Project Description (Please provide major work items including sidewalks, utility work, ADA upgrades etc.)	Crush and shape Lake Street from Church St to Gast Rd, misc. curb, and gutter replacement, type 4E1 & 5E1 HMA, drainage structure adjustments, upgrading sidewalks at intersections to meet ADA standards, pavement markings, permanent signage & appurtenances.		
Was this project awarded funding for the 2017-2020 TIP, but was either canceled or failed to be obligated	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please explain:		

Section 3. Project Funding	
Federal Funding Requested	\$ 440,800
Local Match (18.15% minimum)	\$ 110,200
Total	\$ 551,000
Local Match Percentage (local match/total cost)	20%
Does your agency have the financial capacity to Advance Construct (AC) all or part of this project if necessary? If yes, what is the maximum dollar amount your agency is willing to Advance Construct (AC)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Maximum Dollar Amount you can AC? \$ 200,000

Section 4. System Preservation

2017 PASER rating	5
Current state of drainage	<input type="checkbox"/> Adequate <input checked="" type="checkbox"/> Minor and tolerable drainage problems <input checked="" type="checkbox"/> Occasional drainage problems with some maintenance required <input type="checkbox"/> Inadequate drainage, frequent flooding, excessive maintenance required
Expected increase in Remaining Service life (RSL)	<input type="checkbox"/> 0-3 years <input type="checkbox"/> 4-6 <input type="checkbox"/> 7-9 <input type="checkbox"/> 10-14 <input checked="" type="checkbox"/> 15-20 Use MDOT's Guidelines for Geometrics on Local Projects
What MDOT guidelines does the project conform to?	<input checked="" type="checkbox"/> Reconstruction (4R) <input type="checkbox"/> Resurfacing, restoration, and Rehabilitation (3R) <input type="checkbox"/> Preventative Maintenance (PM)

Section 5. Safety

Please list the number and severity of crashes within the proposed project limits over the last 5 yrs. (2013-2017) (see [Michigan Crash Facts](#) for crash data)

Total Crashes	9	Pedestrian & Bicycle Crashes	NA
Fatalities	0	Serious Injuries	2

Using the attached Crash Reduction Factors sheet, please check each safety counter measure that will be included in the project

Describe any other safety improvements this project will provide	Marked crosswalks and lighted, pedestrian-activated crosswalk signage to enhance driver awareness.
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Section 6. Complete Streets

Does this project meet the TwinCATS Complete Streets Policy , approved in 2014?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If yes, Please explain what pedestrian and/or bicycle improvements are included	<ul style="list-style-type: none"> Marked crosswalks and lighted, pedestrian-activated crosswalk signage to enhance driver awareness. ADA ramps are included at all of the intersecting streets, including detectable warning plates, new concrete ramps with approved grades, and sidewalk to connect to existing facilities. Crosswalks will also include pavement markings.
If No, please state the reason why this project should be exempt from the TwinCATS Complete Streets Policy.	
Does this project connect to an existing pedestrian/bicycle facility or one that is planned to be completed from 2020-2023?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide a map of the connecting facilities

Section 7. Regional Connectivity

What is the most current daily traffic count for the limits of this project?	<input type="checkbox"/> Less than 2000 <input type="checkbox"/> 2000-5000 <input checked="" type="checkbox"/> 5000-10,000 <input type="checkbox"/> Above 10,000 Year of count: 2009 Source: SWMPC
National Functional Classification (NFC) for this roadway (Berrien County NFC Map)	5 – Major Collector
Does one of TCATA fixed route transit lines use the road? (Only indicate yes if it carries a current route, not a planned route).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Section 8. Strategic Planning & Investment

Is the project identified in a Asset Management Plan, or Capital Improvement Plan	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please cite the plan and page number: Capital Improvements Program 1.5.2015 P. 23
Is the project identified in another planning documents such as a master plan or parks and recreation plan	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please cite the plan and page number: City of Bridgman Master Plan 12.18.2014 P. 23
Does the project cross jurisdictional boundaries?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, will it be bid as a single project?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Will this project coordinate with other infrastructure projects (i.e. utility, water, sewer, etc.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please indicate the project type and construction year: Sanitary sewer replacement in 2020/21
How many water main breaks have you had at this location in the past five years?	0
Is there a completed a utilities assessment that included televising the sewers in the project area?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Will this project require environmental mitigation, purchase of Right of Way (ROW), or railroad permits?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Sure If yes, which items are required:
Does this project perform Resurfacing, Reconstruction, or Preventative Maintenance on a segment adjacent to a segment where a federally-funded project was done during the 2017-2020 TwinCATS TIP cycle or RTF cycle?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No What segment was the PREVIOUS project done on? Shawnee from Gast Rd to Jericho Rd

Section 9. Existing and Proposed Roadway Design

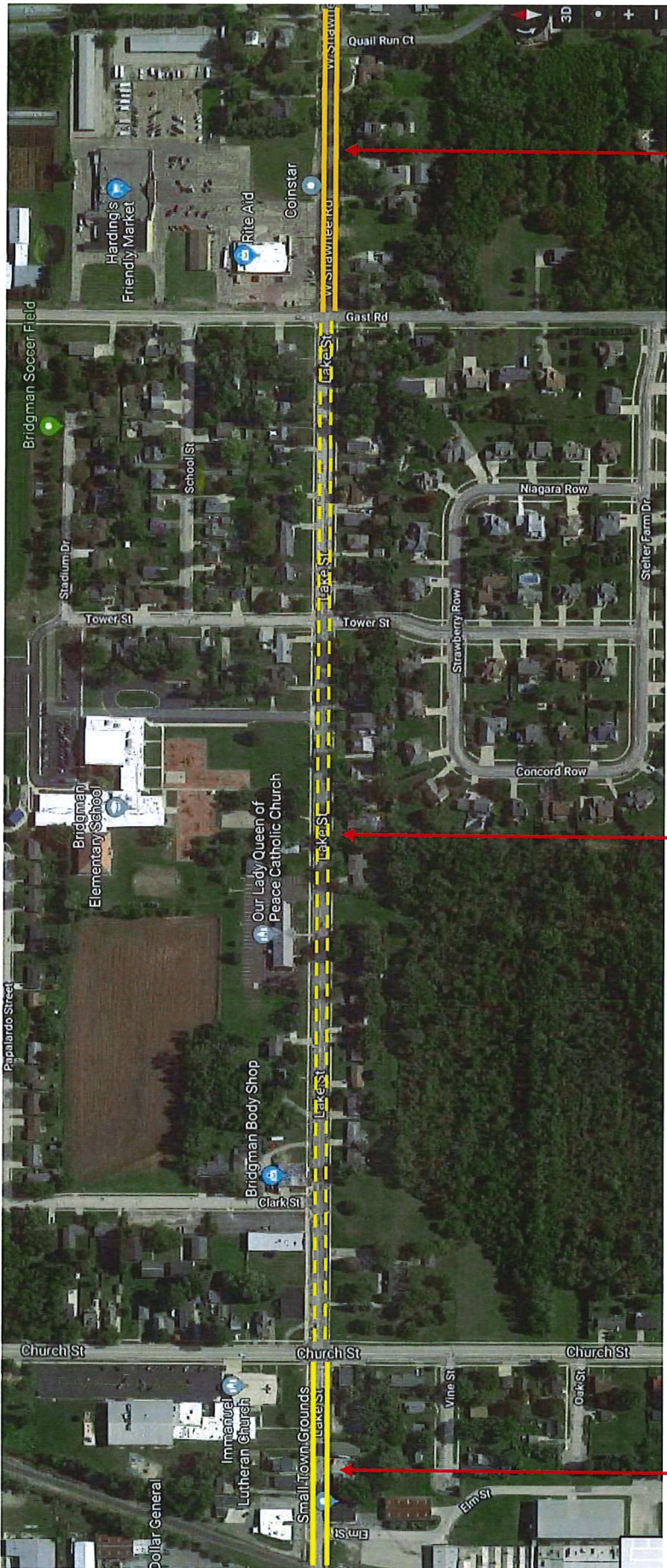
	Existing			Proposed		
Number of Vehicle Lanes	Through Traffic Lanes	Center Turn Lane	On Street Parking	Through Traffic Lanes	Center Turn Lane	On Street Parking
	2	0	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2	0	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Shoulder Surface	<input checked="" type="checkbox"/> Paved <input type="checkbox"/> Unpaved		Width (ft.) 10	<input checked="" type="checkbox"/> Paved <input type="checkbox"/> Unpaved		Width (ft.) 8
Sidewalk/ path information	Placement <input type="checkbox"/> One Side <input checked="" type="checkbox"/> Both Sides <input type="checkbox"/> Intermittent <input type="checkbox"/> None		Width (ft.) 5	Placement <input type="checkbox"/> One Side <input checked="" type="checkbox"/> Both Sides <input type="checkbox"/> Intermittent <input type="checkbox"/> None		Width (ft.) 5
On road bicycle facilities	<input type="checkbox"/> Bike Lane <input type="checkbox"/> Other (specify) _____ <input type="checkbox"/> Sharrows <input type="checkbox"/> Wide Shoulders <input checked="" type="checkbox"/> None			<input checked="" type="checkbox"/> Bike Lane <input type="checkbox"/> Other (specify) _____ <input type="checkbox"/> Sharrows <input type="checkbox"/> Wide Shoulders <input type="checkbox"/> None		
Utilities, Sewer and Water	<input type="checkbox"/> Utilities Upgrades Needed <input checked="" type="checkbox"/> Sewer and water work needed			<input type="checkbox"/> Replaced Utilities <input type="checkbox"/> Relocating Utilities <input checked="" type="checkbox"/> Sewer and Water Line Work		
Please describe any improvements being made as part of this project to crosswalks, signage or signals, or streetscape elements not discussed in project description			Crosswalks will be marked at intersections and lighted, pedestrian-activated crosswalk signage to enhance driver awareness will be installed. The City will also seek to bury utility lines owned by American Electric Power.			
Does this project enhance connectivity of pedestrian or bicyclists to fixed route or Dial-A-Ride transit?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, how? Lake Street currently has a bike lane west of Church and Shawnee has wide shoulders east of Gast. This project would span the gap through the installation of bike lanes.			

Section 10. Estimated Project Schedule

Activity	Estimated Date
Resolution of Support for Local Match Submitted to SWMPC	2/18/2019
Project Application Submitted to MOT	7/02/2019
Grade Inspection Package Submitted to MDOT	7/16/2019
Grade Inspection Meeting Scheduled	8/15/2019
Final Plan and Estimate to MDOT	9/27/2019
Right of Way (ROW) certified*	9/27/2019
Rail Road Permits*	NA
Environmental Mitigation*	NA
Project Obligated	10/15/2019
Project Letting	12/06/2019
Construction Start	4/06/2020
Project Completion	7/03/2020

City of Bridgman – Lake Street from Church Street to Gast Road

STBG Application – December 3, 2018



Existing bicycle lanes west of Church Street

Proposed bicycle lanes east of Church Street to Gast Road

Existing 3' shoulder east of Gast Road along Shawnee Road

