

Toledo Metropolitan Area Council of Governments

Transportation Improvement Program
Application Packet
for:

Surface Transportation Block Grant (STBG) Resurfacing Projects

APPLICATIONS DUE October 7, 2022

Issued by:
Toledo Metropolitan Area Council of Governments
300 Martin Luther King Jr. Drive
P.O. Box 9508
Toledo Ohio 43697-9508

September 1, 2022

Application is also available at www.tmacog.org

INTRODUCTION

The forms and information included in this package are for the submittal of Surface Transportation Block Grant (STBG) projects for Fiscal Year 2024 in the TMACOG Transportation Improvement Program (TIP). This solicitation will only include projects that can be awarded ton contractors by May of 2024. In order to meet this award date, TMACOG will only be selecting projects that are resurfacing only.

TMACOG will be selecting \$4,000,000 worth of projects to be awarded by the fourth quarter of state fiscal year 2024. The maximum award will be \$500,000 per project, and the local match is a minimum of 20%. This will be treated just like the traditional STBG Small Projects fund. Projects will be scored and ranked based on the approved scoring criteria found at the end of this package.

For the purposes of the TIP funding program, the TMACOG transportation region is limited to Lucas and Wood counties. Additionally, only those projects that are on federal aid eligible roads can be considered. All project submittals should comply with the Regional Complete Streets Policy. Applicants must submit a TMACOG Complete Streets Checklist as part of the application process.

Additional information about the functioning of the TIP program can be obtained from reviewing the Transportation Improvement Program (TIP) Committee Policies and Practices document that was included in this mailing.

If there are questions regarding project eligibility or which fund type to request, please call the TMACOG Transportation staff.

MATERIAL AND INSTRUCTIONS INCLUDED IN THIS PACKAGE

SMALL PROJECTS and SMALL PROJECTS FUND DEFINITIONS (Page 2) - Defines the Small Projects programs and explains the method of ranking.

PROJECT DETAILS REQUEST (Pages 3 & 4) - Requests the basic information needed for each project. Please provide this information separately for each desired project. Also provide the information for each existing project that does not require a new ranking in this cycle. It is not necessary to use this sheet as a form.

PROJECT BUDGET SUBMITTAL DETAIL (Page 5) - Requests the details of the financing of your project. Please use this form. It is important that all sources of financing are identified. Explain all rules and limitations that may be attached to different sources of funds.

TMACOG TIP PROJECT APPLICATION (Pages 6 & 7) TIP APPLICATION INSTRUCTIONS (Pages 8-10) - The Project Application form (and Instructions) requests the information that is used in rating and scoring the projects to determine which projects will receive funding. Please return a completed copy of this form and requested attachments in paper and/or electronic form for each requested project.

PROJECT SCORING CRITERIA FOR TIP ANALYSIS (Pages 11 - 14) – The scoring criteria is provided for your information. It is not necessary for you to complete or return this form. Scoring is done initially by a TIP subcommittee with validation by the full TIP Committee.

COMPLETE STREETS CHECKLIST (Pages 15 - 18) – In order for a project application to be considered complete, a Complete Streets Checklist must be submitted with the application.

SMALL PROJECTS AND SMALL PROJECTS FUND DEFINITIONS

- 1. Maximum TMACOG federal funds provided for any single project will be \$500,000.
- 2. There is no maximum total construction cost for a single small project.
- 3. TMACOG federal funds will be provided at a maximum of 80/20 split up to the funding cap of \$500,000 of federal funding. There is no provision for additional funding allocations within the Small Project Fund.
- 4. Construction costs will be funded. There will be no consideration for funding of Preliminary Engineering (PE). Right-of-Way (R/W) funding will not be considered as well.
- 5. Jurisdictions may submit as many projects as they desire.
- 6. \$4,000,000 will be allocated in this solicitation.
- 7. Each project will be scored and ranked. Based on the ranking, the projects will be selected one per jurisdiction until the \$4,000,000 mark has been reached. If each jurisdiction that has applied has received a project award, then TMACOG will go back to the top of the ranking to select the next top projects until the total allocation has reached \$4,000,000.

PROJECT DETAILS REQUEST

Please provide the following information for all projects:

Project Name:	
Project Limits (include map):	
Project Sponsor and point of contact (with phone number):	
Existing project numbers (PID, State ID, TMACOG map #, etc.	
Project sponsor commits to awarding the project by May of 20	
Completely describe the work to be accomplished by this proproject.	ject. Try to describe each feature of the
Project Description:	
Length of project (Miles):	
Current status of the project:	
Is this your jurisdiction's number 1 project?:	
Does the project include any utility work? Yes□ No□	If yes, please explain

The most optimistic, REALISTIC schedule for this project. Be sure to include time for outside reviews and permits, not just local design times. Include at least the following dates:

Authorization to Proceed:
Environmental Clearance complete:
Stage 1 Review complete:
Stage 2 Review complete:
Stage 3 Review complete:
R/W Plans complete:
R/W Clear:
Final Plans to ODOT:
Anticipated Sale Date:

All of these formal actions are not required for all projects. Note those items that are not required. The requirement still exists that jurisdictions doing local contracting (LPA) procedures must submit Stage 1, 2, and 3 packages to TMACOG.

Please provide financial information on the Project Budget Submittal Detail sheet.

Project Budget Submittal Detail

		D 1			Ot	her Types of F	unds (6)		
Activity	Total Estimate	Requested TMACOG Federal		A.		В.		C.	
		Amount	Year	Amount	Year	Amount	Year	Amount	Year
Preliminary Engineering (1)									
Right-of-Way (2)									
Construction Contract (3)									
Construction Engineering (4)									
Contingency (Change Orders) (5)									
TOTAL AMOUNTS									

Numbered Notes:

- 1. **Preliminary Engineering** includes the cost of all activities prior to contract letting except Right-of-Way costs. It is not eligible for TMACOG TIP federal funding.
- 2. **Right-of-Way** can only be funded by TMACOG TIP federal funding in specific circumstances. See TIP Committee Policies and Practices for proposed STBG funded projects.
- 3. **Construction Contract** includes the actual estimated construction contract amount plus any other agreements that are included as part of the construction cost.
- 4. **Construction Engineering** includes the costs of construction management, inspection, testing, etc.
- 5. **Contingency** should include a reasonable estimate of changes that could be expected after construction begins.

6. Other Types of Funds

- List each type in a separate column. Add additional sheets if necessary for more fund types involved in project.
- If all funds for a project have not yet been identified, mark one of the columns "Shortage" and indicate the amount of additional funds needed for each activity.
- Please explain below any limitations for each fund type (such as: year restriction, matching amount, restriction on combining fund types, etc.). Also indicate whether the funds have been confirmed or if only applied for.

TMACOG TIP PROJECT APPLICATION

(To be used for projects competing for TMACOG funds in the FY 2023-2027 TIP)

NOTE: PLEASE REVIEW APPLICATION INSTRUCTIONS PRIOR TO ANSWERING QUESTIONS.

SPONSOR:	
PROJECT NAME:	MAP# (existing projects)
Estimated number of construction jobs based upon project cost divided by \$92,000. Total Project Cost: Number of Jobs:	Does this project provide 10 or more guaranteed new jobs or jobs retained (excluding retail or service jobs) as evidenced by contract or letter from a private business organization? Yes: No: # of jobs: Attachment required.
Does project sponsor have official complete streets document? Yes: No: Attachment required.	4. Does this project improve air emissions and is it identified on the TMACOG CMP? Yes: No:
5. Will this project improve water quality through the development of a bioswale, rain garden, pervious pavement, etc.? Yes: No:	6. Will this project make use of recycled materials to a significant degree, such as rubbelization, reclamation, or crack and seal? Mill and reuse of asphalt surface materials does not qualify. Yes: No: Attachment describing qualifying improvement required.
7. Does the project provide for specific aesthetic enhancements other than planting grass? Yes: No: Attachment describing qualifying improvement required.	8. Does the project include all reasonable bicycle improvements? Yes: No: Does the project include improvements related to a bikeway specifically shown on the TMACOG Regional Bicycle Network? Yes: No:
9. Does the project include all reasonable pedestrian improvements?	Attachment describing qualifying improvement required 10. Does the project provide direct access to a multi modal terminal?
Yes: No: Does the project include upgrade of existing or new pedestrian sidewalks? Yes: No: Attachment defining service lines required.	Yes: No: Attachment identifying terminal required.
11. Does the project carry Designated Line Service Public Transit Routes?	12 Has this project been programmed by ODOT for construction? Yes: No:
Yes:No:	Attachment identifying PID required.
Has this project been identified as your jurisdictions number one priority? (Note that each jurisdiction may designate only one #1 priority each round.) Yes: No: Also indicate on Project Form.	14. Project Development (Check all that apply.) Right-of-way cleared / not needed? Yes: No: Does this project qualify for a Categorical Exclusion C1? Yes: No:

TMACOG TIP PROJECT APPLICATION CONTINUED

(To be used for projects competing for TMACOG funds in the FY 2023-2027 TIP)

NOTE: PLEASE REVIEW APPLICATION INSTRUCTIONS PRIOR TO ANSWERING QUESTIONS.

15. What percent of the total project including design, R/W, and construction will use TIP Federal Funds?	16. What self-help opportunities for generation of transportation funding have project sponsors implemented?
%	Permissive License Fees
	Dedicated Property Tax Levy
	Dedicated Sales Tax
	Dedicated Income Tax
	Other Dedicated Revenues (Attach details)
	For Dedicated Tax, a copy of legislation must be attached.
17. Is the project located in a community which has public transportation?	18. What is the existing Pavement Condition Rating (PCR)?
Yes: No: Attachment defining provider required.	PCR = TMACOG will provide the latest ODOT PCR.
19. Is this an ITS project?	20. If this is a bridge project, what is the Bridge Sufficiency Rating?
Yes: No:	Sufficiency Rating =
Attachment describing qualifying improvement required.	Deck Rating =
21. If this is a roadway project, which of the following best	22. If this is not a bridge or roadway project, which of the
describes the project. (<i>Check one</i> .)	following best describes the existing condition. See
New Construction Widen/Narrow & resurface Widen/Narrow & reconstruct	note regarding grade separations & new interchanges.
Resurfacing or pavement strengthening	(Check one.) N/A Declining
Rehabilitation with some base replacement and/or	Declining and substandard
significant joint repair	Near the end of its useful life
Reconstruction with full base replacement	Near the end of its useful life and substandard
	Past its useful life
	Past its useful life and substandard
23. What is the 3-year average accident rate per million vehicles? For bridges use the bridge location, for	24. What is the existing number of Average Daily Users in Thousands? (For road projects use ADT x
intersections use ADT for all approaches, and for	1.40/1000)
roadways use avg. ADT for the length of the project.	(Check one.)
(Check one.)	
Calculate per million vehicles NOT per million vehicle miles.	<7.0*7.0 to 10.5
245 240	10.5 to 14
< .49	28 to 42
1 to 1.49 4 to 4.49	
1 10 111/	
1.5 to 1.99 4.5 to 4.99	Attachment showing calculations required.
1.5 to 1.99 4.5 to 4.99 5 or greater	
1.5 to 1.99	* If calculation is < 7, then also provide the Auditor's
1.5 to 1.99	* If calculation is < 7, then also provide the Auditor's Certificate of Estimated Resources. See page 10.
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1.5 to 1.99	* If calculation is < 7, then also provide the Auditor's Certificate of Estimated Resources. See page 10. 26. Is this project listed in the 2045 Regional Transportation Plan? (Check one.) Not Listed
1.5 to 1.99	* If calculation is < 7, then also provide the Auditor's Certificate of Estimated Resources. See page 10. 26. Is this project listed in the 2045 Regional Transportation Plan? (Check one.) Not Listed Listed as a Reserve Priority or System Preservation
1.5 to 1.99	* If calculation is < 7, then also provide the Auditor's Certificate of Estimated Resources. See page 10. 26. Is this project listed in the 2045 Regional Transportation Plan? (Check one.) Not Listed
1.5 to 1.99	* If calculation is < 7, then also provide the Auditor's Certificate of Estimated Resources. See page 10. 26. Is this project listed in the 2045 Regional Transportation Plan? (Check one.) Not Listed Listed as a Reserve Priority or System Preservation Plan Priority (2026 to 2045)
1.5 to 1.99	* If calculation is < 7, then also provide the Auditor's Certificate of Estimated Resources. See page 10. 26. Is this project listed in the 2045 Regional Transportation Plan? (Check one.) Not Listed Listed as a Reserve Priority or System Preservation Plan Priority (2026 to 2045) Plan Priority (by 2025)
1.5 to 1.99	* If calculation is < 7, then also provide the Auditor's Certificate of Estimated Resources. See page 10. 26. Is this project listed in the 2045 Regional Transportation Plan? (Check one.) Not Listed Listed as a Reserve Priority or System Preservation Plan Priority (2026 to 2045) Plan Priority (by 2025)

TIP APPLICATION INSTRUCTIONS

- Item 1. Based upon the federal criteria that \$92,000 of construction creates one job, indicate the number of jobs created by this project.
- Item 2. Note that in order to claim credit for projects with 10 or more guaranteed new or retained jobs, a letter of commitment or other documentation will be required from the business or company proposing to create or retain the jobs. Retail and service sector jobs do not receive credit under this category since they tend to simply relocate existing jobs within the community. If yes, attach copies of documentation. Indicate whether the jobs will have a localized or a regional impact.
- Item 3. If yes, please relevant ordinance, resolution, policy or other document.
- Item 4. If yes, please explain and provide the reference in the CMP.
- Item 5. If yes, please attach explanation and details.
- Item 6. If yes, please attach explanation and details.
- Item 7. If yes, please attach explanation and details.
- Item 8. If yes, please attach explanation and details.
- Item 9. If yes, please attach explanation and details.
- Item 10. If yes, please attach a description of the terminal and its function to the jurisdiction and region.
- Item 11. Designated Line Service Public Transit Routes are those primary transit routes operated by TARTA or other similar transit carrier. Attach explanation and details.
- Item 12. If yes, attach field notes.
- Item 13. Each project sponsor may select one of its project applications as its number one priority for each round of applications. The project so designated is done so in the context of the TMACOG TIP only and need not consider other projects being pursued via other funding programs. The number one priority needs to also be shown on the project details form. The number one priority must be designated at time of project submittal.
- Item 14. Self-explanatory.

- Item 15. Project design costs will not be considered for federal funding and all jurisdictions must fund these design costs outside of using TIP federal funds. Right of Way costs, if significant, may be considered. Project sponsors who are bearing the costs of R/W at 100% local cost will receive consideration for that additional investment. Example: a project has a R/W cost of \$200,000, design costs of \$100,000, and a construction cost of \$1,000,000. The sponsor pays for all of the R/W, design and the normal 20% (\$200,000) of the construction. Thus the sponsor pays \$500,000 (39%) of the total and the fed pays \$800,000 (61%). The sponsor therefore earns 4 points because the sponsor is only using 61% of TIP Federal for the project. Also be sure these costs are the same as shown on project details form. Design includes studies, plans, environmental, and design testing.
- Item 16. The dedicated fees include the lead agency and all other local jurisdictions funding the project. To receive points for dedicated taxes, a special percentage of these fees must be used for transportation projects (copies of legislation are required to be submitted with application).
- Item 17. Self-explanatory.
- Item 18. TMACOG staff will do this computation from the latest TMACOG Traffic Flow Map and using the TMACOG capacity calculator. If the jurisdiction has more recent traffic count information, please provide a copy of the traffic count showing that information. TMACOG staff will use the latest ODOT Pavement Condition Ratings to complete this scoring.
- Item 19. If yes, please attach a description of the ITS components and identify if it is included in the current ITS architecture.
- Item 20. Bridge Sufficiency Ratings may be obtained from ODOT for bridges on the federal aid system. For grade separations, see note at bottom of Scoring Criteria.
- Item 21. Self-explanatory.
- Item 22. All new interchanges must have an Interchange Justification Study (IJS) / Interchange Modification Study (IMS) underway to be ranked.
- Item 23. See Item 26 for examples of computation of average ADT. Please attach the calculation and proposed countermeasures included in the project that address the safety issue.
- Item 24. Compute the number of Average Daily Users (ADU) of the proposed project. Use traffic count figures for ADT from the latest TMACOG Traffic Flow Map or adjusted actual counts if you have them. In the case of the latter, provide a copy of your count report and adjustment calculations. If you have a highway project, compute the ADU=ADT X 1.40/1000 to allow for multiple passengers per vehicle. Transit projects should be measured in actual passengers or users of the facility. For projects with multiple segments or streets, use an average of the individual segment counts.

Multiple Segment Example: Intersection Example:

ADT = (30,000+28,000+14,000+12,000)/2 Average ADT = 42,000

If ADU calculation is less than 7, then the project sponsor may provide the jurisdiction's Auditor's Certificate of Estimated Resources, as provided in the ORC 5705.35 and 5705.36 is used to determine potential financial resources available for the project. This is used to determine what the percentage of the project sponsor's total eligible budget would be used to build the project.

- Item 25. Use the map provided with this application package to determine if project is on a truck impact route. If a route that is not shown on the map has over 500 Truck ADT, provide the traffic count study showing that information and mark Yes.
- Item 26. Self-explanatory.
- Item 27. Self-explanatory.
- Item 28. The project sponsor will be penalized if one or more of their projects have slipped a fiscal year or have been cancelled by the project sponsor since the last STBG solicitation. No penalties will be given if TMACOG administratively moves a project. Exceptions may be granted if circumstances are beyond the project sponsor's control.

PROJECT SCORING CRITERIA FOR TIP ANALYSIS FY 2024-2027 TIP

NOTE: Provided for your information only. Scoring will be completed by the TIP Committee.

Project Name:	MAP #:	

Economic Development (8%) Maximum of 8	Points	
	Points Available	Score
 Number of jobs created by project based upon \$92,000 per job created (Total Project Cost/\$92,000) > 25 jobs 6 points 15 – 25 jobs 4 points 5 – 14 jobs 2 points 	2 - 6	
Projects with 10 or more jobs *Guaranteed. No retail or service. Localized 2 points Regional Impacts 4 points	2 – 4	
	TOTAL	

	Livability (11%) Maximum of 11 Points		
		Points Available	Score
3.	Project sponsor has official Complete Streets Policy, ordinance, resolution, etc.	1	
4.	Project has positive effect for air quality and is identified in the TMACOG CMP.	1	
5.	Project has positive effect for water quality such as bioswale, rain garden, or pervious pavement. Combined sewer separation does not qualify.	1	
6.	Project makes use of recycled materials to a significant degree. Example: Rubblization, reclamation, or crack and seal. Mill and fill does not qualify.	1	
7.	Project design provides for esthetics or enhancement such as landscaping or visual easementsproThe, etc.	1	
8.	Project includes all reasonable bicycle improvements. Projects which include bikeways specifically shown on the TMACOG regional Bicycle Network. Example: 5 points for project on the bicycle network, and 2 points for all reasonable bicycle improvements.	2-5	
9.	Project includes all reasonable pedestrian improvements. Example: 5 points for all new sidewalks; 2 points for filling gaps in sidewalk; no points for required ADA improvements.	2-5	
		TOTAL	

Inter-connectivity (8%) Maximum of 8 Points		
	Points Available	Score
10. Projects which provide direct access to multimodal terminals	3 – 6	
11. Projects which carry a designated public transit route. Example 4 points for fixed route; 1 point for secondary shuttle route; no points for call-a-ride (unless fixed route.)	1 – 4	
	TOTAL	

Sustainability (13%) Maximum of 13 Points		
	Points Available	Score
12. Project has been programmed by ODOT for construction.	2	
13. Is this project the sponsor's number one priority?	8 if yes	
14. Right-of-way cleared or not needed.	2	
Project qualifies for Categorical Exclusion C1.	3	
15. Percent of project dollars using TIP Federal funds 75-80% 0 points 65-74% 2 points 50-64% 4 points	0-4	
16. How many dedicated fees has the sponsor(s) implemented as of the date of this application? *Proof of each dedicated fee must be submitted with application. (One point each)		
a. Permissive license fees	1	
b. Dedicated property tax levy*	1	
c. Dedicated sales tax*	1	
d. Dedicated income tax*	1	
e. Other dedicated revenues*	1	
17. Is the project in a community with public transportation?	1	
	TOTAL	

Syste	em Use and Perforn	nance (60%)	Maximum of 6	Points Points Available	Score
18. Pavement Condition Rat > 75 0 points	ing 65-74 2 points	56-64 4 points	< 55 6	points 0-6	
19. ITS Project (No credit for Single Oc	cupancy or High Occupa	ancy Vehicle Lan	es)	3	
	Condition – 2	20 points (from 2	0, 21, <u>or</u> 22)	•	•
Reconstruct w/full base Widen/narrow & resurfa	79 1 point 74-73 4 points 68-67 7 points 62-61 10 points 56-55 13 points 50-49 16 points 44-43 19 points t strengthening 4 points ase replacement and/or streplacement 10 points ace (1) 13 points	72-71 66-65 60-59 54-53 48-47 42 or le	2 points 5 points 8 points 11 points 14 points 17 points ess 20 points	0 - 20	
Widen/narrow & rehab (Widen/narrow & recons 22. Other Project Types*** N/A 0 points Declining 4 points Declining and substanda Near the end of its usefu Past useful life 17 point Past useful life and subs	ard 7 points Il life 10 points Il life and substandard 1.5	3 points		0 – 20	
				TOTAL	

Bridges must be at less than 80% sufficient to be eligible, or have a deck rating less than equal to 4 on the National Bridge Inventory Form #58

 ¹³ points – Additional lane width or paved shoulder must be provided the entire length of the project.
 17 points – Widening must provide some additional capacity, such as turn lanes at intersections.

^{(3) 20} points – Additional thru and continuous turn lanes must be provided.

For narrowing projects, sponsors must submit justification.

^{***} For new grade separations – use 10 points. All new interchanges must have an approved IJS/IMS study underway to be ranked. If the study is underway then use 5 points. If the new interchange can document by a traffic study that there is a measurable congestion relief to an existing transportation facility, then an additional 5 points will be added for a maximum of 10 points.

	<u> </u>	·	Iaximum of 60 Points (CON)	Points Available	Score
23.	Accident rate per million veh For bridges – use bridge local For intersections – use ADT to For roadway – average ADT	0-10			
	< .49 0 points1.5 to 1.99 3 points3 to 3.49 6 points4.5 to 4.99 9 points	.5 to 0.99 1 point 2 to 2.49 4 points 3.5 to 3.99 7 points > 5 10 points	1 to 1.49 2 points 2.5 to 2.99 5 points 4 to 4.49 8 points	0.10	
24.	Existing Average Daily users For road projects use ADT x Traffic from confirmed devel an approved site plan are allo	1.4/1000 opments with an approved	traffic study, approved zoning and		
	< 7.0 0 points 14 to 28 3 points 56 to 70 6 points	7.0 to 10.5 1 point 28 to 42 4 points > 70 7 points	10.5 to 14 2 points 42 to 56 5 points	0 – 7	
	If Existing Average Daily Us Cost as Percentage of Financia 0 to 15 % 0 points 45.01 to 60% 3 points 90.01 to 100% 6 points		n 7, then use the Total Project ble. 30.01 to 45% 2 points 75.01 to 90% 5 points		
25.	Percent of Trucks Maximum points for this item < 3% 0 points 9.01 to 12% 3 points	3 to 6% 1 point	6.01 to 9% 2 points > 15% 5 points	0-5	
	For projects on a truck impac	t route (Michigan loads, NI	HS Connectors, etc.) add 3 points.	3	
26.	Projects listed in the TMACC Not listed 0 points Plan Priority (2026+) 2 point	Reserve or Syste	em Preservation 1 point y 2025) 3 points	0-3	
	Top Plan Priority Bonus* *Top ranked eligible project than once every 10 years for		an. Bonus can not be used more truction phases.	10 bonus	
27.	Project History Project sponsor has not receive Project sponsor has not receive Project sponsor has not receive	d TMACOG-managed funds	in the last 8 years. 4 points	2-6	
28.	Project Delay One project slipped past prog Two or more projects slipped One or more projects cancelle	past programmed year.	-5 points -10 points -10 points	-5 10	
				TOTAL	
	MAXIMUM POINTS = 1	100		GRAND TOTAL	

Page left blank intentionally.

This checklist accompanies the TMACOG Complete Streets policy. It is to be completed when applying for TMACOG-attributable federal funding through the TMACOG Transportation Improvement Program (TIP).

The purpose of this checklist is to ensure that all users have been considered in a given project. For projects using TMACOG-attributable federal funding of the Surface Transportation Program (STP), it will be necessary to meet or exceed standards and procedures acceptable to the Ohio DOT and U.S. DOT, such as the Ohio Department of Transportation's Project Development Process and Location & Design Manual. Information on various guidelines and standards is listed on the TMACOG Complete Streets website.

One of the goals of TMACOG's Complete Streets Policy is to provide flexibility for different types of streets, areas, and users. This means that a complete street in a rural area may look very different from a complete street in an urban area.

A. Existing conditions

- **1.** Explain how the project area currently accommodates pedestrians (including ADA compliance), bicyclists, and transit users.
- 2. Explain how the proposed project will accommodate them once completed.
- **3.** Please describe the existing character of the project area, including land use, adjacent land use, estimated pedestrian and bicycle traffic, any unofficial walking paths, density of development, street furniture/lighting, landscaping, street trees, perceived safety issues, transit routes and stops.

B. Safety

1. Briefly explain how the project will improve safety. TMACOG strongly encourages sponsors of intersection safety projects to conduct a crash study and provide results. Your crash information also needs to include the number of pedestrian and bicycle crashes by severity, as well as if the project area includes any locations (corridors or intersections) that are on TMACOG's and/or ODOT's high-crash lists.

C. Connectivity

1. Project limits should be selected so that they can accommodate existing and future connections. In this regard, were logical termini chosen to include connections through "pinch points" such as overpasses, railroad crossings, and bridges? If the project touches another jurisdiction, was a systems approach taken? Were cross-jurisdictional connections considered? Please explain:

2. I	Does the project area include recommendations that are contained in any of the following plans or policies? Please check all that apply. TMACOG Long Range Transportation Plan Safe Routes to School travel plans TMACOG Sidewalk Policy ADA Transition plans Bikeway plans Freight plans Short-range and/or long-range transit plans ODOT plans Any neighborhood or mobility plans. If yes, how does your project fulfill any of these plans? Please specify the plan name(s).
	mplete Streets Attributes Please cite the specific design guidance or resources which relate to Complete Streets used in developing the scope of the project. Examples may include appropriate sections of the American Association of State Highway and Transportation Officials (AASHTO) Green Book, the Manual of Uniform Traffic Control Devices (MUTCD), etc.
2.	Transit accommodations to the extent needed should be handled in consultation with the local transit authority. Have you consulted your local transit agency to ensure that transit vehicles will be accommodated and access to transit facilities provided? Please explain:
3.	Has a speed study been conducted for the street/corridor? Please consider project conditions and context to determine if a speed study is necessary. Yes No
4.	Has a parking study been conducted for both on-street and off-street parking? Please consider project conditions and context to determine if a parking study is necessary. ☐ Yes ☐ No
5.	How will the project consider future utility/telecommunications needs?

D.

6. Which, if any, of the following items will be incorporated in the project? Please check all that will apply.

Pedes	trian	Trans	it	
	Pedestrian Facilities- Both Sides of Street		Transit Facilities	
	Pedestrian Facilities- One Side of Street		Priority Bus Lane	
	Sidewalk with ADA-Compliant Curb Ramps		Bus Stop, including Paved Passenger Waiti	ng
	Signalized Crosswalk		Area	
	Marked Crosswalk with Signage, Including		Bus Passenger Shelter	
	Mid-Block Crossing		Bus Pads	
	Pedestrian Detectors		Light Rail or Street Car	
	Audible Signals			
	Shoulder (in Rural Areas)	Traffi	c Calming	
	,		Traffic Calming Elements	
Bicycl	le		Landscaping, including Street Trees	
	Bicycle Facilities		Narrower Traffic Lanes	
	Bike Lanes		On-Street Car Parking	
	Shared-Lane Markings / Sharrows		Other Physical Changes (e.g., Chicanes,	Curb
	Shared Bike-Bus Lane		Extensions, Medians, Islands)	
	Bicycle Signage (e.g., Bikes May Use Full	Oth	er	
	Lane)		Lighting	
	Secure Bicycle Parking		911 Call Boxes	
	Bicycle Detectors		Freight Accomodations	
	Multiuse Path		Emergency Vehicle Accomodations	
Storm	nwater Management		Other(s) (please explain)	
	Bioswales			
	Stormwater Planters			
	Pervious / Permeable Pavement Options			

E. Exceptions

7. If no pedestrian, bicycle, or transit facilities are being provided, please explain why (see **Exceptions**). Include a statement as to how the needs of all users are being addressed within the same corridor as the project.

F. Other

8. Is there additional information to provide about the project that is unique or wasn't captured previously with regard to the Complete Streets Policy?

See TMACOG website for resources and policy <u>guidance</u> regarding complete streets. Attach additional sheets as necessary.

Exceptions

If the project sponsor determines that additional complete streets treatments are not warranted, they may request an exception for one or more of the following reasons:

- A. Where bicyclists and pedestrians are prohibited by law from using the roadway. Bicycles and pedestrians are legally permitted to travel on or along all streets and roads in Ohio with the exception of limited access freeways and highways.
- B. Where the street or road is already adequately designed to accommodate all users, and thus is complete without further enhancements. To qualify for this exception, the project sponsor must document how this street or road currently addresses the needs of all users.
- C. Where the cost of establishing bikeways or walkways would be excessively disproportionate to the need or probable use. In accordance with federal guidelines, excessively disproportionate is defined as exceeding 20 percent of the cost of the total transportation project (including right-of-way acquisition costs). This exception must consider probable use through the life of the project—usually a minimum of 20 years for roadways and 50 or more years for bridges.
- D. Where the project consists of maintenance, repair, or resurfacing of an existing cross-section only. However, resurfacing projects often offer a low-cost opportunity to adjust lane width or add a bike lane simply by changing the pavement markings on a road, and therefore resurfacing projects should, at the discretion of the project sponsor, be considered an opportunity to make a street or road more complete. Projects that include adding lanes, shoulders, or involve replacement of the full pavement structure are not considered maintenance or repair and do not qualify for this exception.
- E. Where the project consists primarily of the installation of traffic control or safety devices and little or no additional right-of-way is to be acquired. However whenever new traffic control detection devices are installed they must be capable of detecting bicycles. All new pedestrian crossing devices must also meet the most current accessibility standards for controls, signals, and placement.
- F. Where the Average Daily Traffic count (ADT) is projected to be less than 1,000 vehicles per day over the life of the project and legal speeds are 25 mph or less. Where traffic is light, but speeds are higher, motorists must have adequate sight distance and the opportunity to change lanes to pass a bicycle or pedestrian for a road to be complete without additional design elements.
- G. Where scarcity of population or other factors indicate an absence of need for current and future conditions. This exception must take the long view and consider probable use through the life of the project—usually a minimum of 20 years for roadways and 50 or more years for bridges.
- H. Where roadway standards or bicycle and pedestrian standards cannot be met. There are times bicycle and pedestrian facility standards cannot be met due to roadway topographic constraints or if a project sponsor can demonstrate that it is impractical to make the street safe for shared use. For example, roads with a combination of extremely high traffic volume (18,000+ vehicles a day), constrained and fixed right-of-way, and posted speeds of 45 mph or more may need special consideration.

ATTACHMENT SYLVANIA METAMORA ROAD SR 295 TO WASHBURN ROAD

23) 0 crashes from 2019-2021 within the project limits.

Crash Rate = 0

24) ADT Sylvania Metamora Road from SR 295 to Washburn Rd is 1,350 vpd

$$ADU = 1,350 (1.4/1000) = 1.89$$

25) The trucks per day from 2019 counts are 469 trucks per day.

% of trucks of avg AADT = 15.3% + 2.7% = 18.0%

COST ESTIMATE PROJECT: SYLVANIA METAMORA ROAD (SR-295 TO WASHBURN ROAD)

REF.	ITEM NO.	ITEM DESCRIPTION	ESTIMATED	LINU	UNIT	ESTIMATED COST
		SYLVANIA METAMORA ROAD: SR-295 to WASHBURN RD (1.02 MI.	(-			
101	201	CLEARING AND GRUBBING	1	L.S.	\$2,200.00	\$2,200.00
102	202	MONUMENT BOX REMOVED	2	EACH	\$275.00	\$550.00
103	202	PAVEMENT REMOVED	16	16 SQ.YD.	\$44.00	\$704.00
104	203		104	104 CU.YD.	\$88.50	\$9,204.00
105	204	SUBGRADE COMPACTION, AS PER PLAN	16	16 SQ.YD.	\$3.30	\$52.80
106	209	LINEAR GRADING	5	STA.	\$665.00	\$3,325.00
107	209	PREPARING SUBGRADE FOR SHOULDER PAVING	2.03	MILE	\$1,300.00	\$2,639.00
108	253	PAVEMENT REPAIR	150	150 SQ.YD.	\$66.00	\$9,900.00
109	254	PAVEMENT PLANING, ASPHALT CONCRETE	14492	14492 SQ.YD.	\$2.00	\$28,984.00
110	407	TACK COAT	2073	2073 GAL.	\$2.75	\$5,700.75
111	411	STABILIZED CRUSHED AGGREGATE	3	CU.YD.	\$220.00	\$660.00
112	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)	705	705 CU.YD.	\$194.00	\$136,770.00
113	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG 64-22	524	524 CU.YD.	\$199.00	\$104,276.00
114	614	MAINTAINING TRAFFIC	-	L.S.	\$22,000.00	\$22,000.00
115	614	WORK ZONE MARKING SIGN, AS PER PLAN	8	8 EACH	\$138.00	\$1,104.00
116	614		5	CU.YD.	\$138.00	\$690.00
117	614	WORK ZONE CENTER LINE, CLASS II, 642 PAINT (2 APPLICATIONS)	2.03	2.03 MILE	\$665.00	\$1,349.95
118	617	COMPACTED AGGREGATE	89	68 CU.YD.	\$133.00	\$9,044.00
119	621	RPM	70		\$55.00	\$3,850.00
120	621		70		\$9.00	\$630.00
121	623	MONUMENT ASSEMBLY, TYPE 1 OR 2	2	EACH	\$1,100.00	\$2,200.00
122	624	MOBILIZATION	1	L.S.	\$16,500.00	\$16,500.00
123	642	EDGE LINE, 4"	2.03		\$885.00	\$1,796.55
124	642	CENTER LINE	1.02	MILE	\$995.00	\$1,014.90
125	629	SEEDING AND MULCHING	2384	2384 SQ.YD.	\$2.00	\$4,768.00
126	629	REPAIR SEEDING AND MULCHING	119	119 SQ.YD.	\$2.00	\$238.00
127	629	COMMERCIAL FERTILIZER	0.21	TON	\$665.00	\$139.65
128	629	WATER	12.9	12.9 MGAL.	\$30.00	\$387.00
129	860	THINLAY ASPHALT CONCR	8	CU.YD.	\$690.00	\$5,520.00
130	SPEC	MAILBOX SUPPORT, TYPE 1 OR TYPE 2	4	EACH	\$221.00	\$884.00
		SYLVANIA METAMORA ROAD TOTAL:				\$377,081.60
		5% CONTINGENCY:				\$18,918.40
		COMPLETE PROJECT TOTAL:	3			\$396,000.00

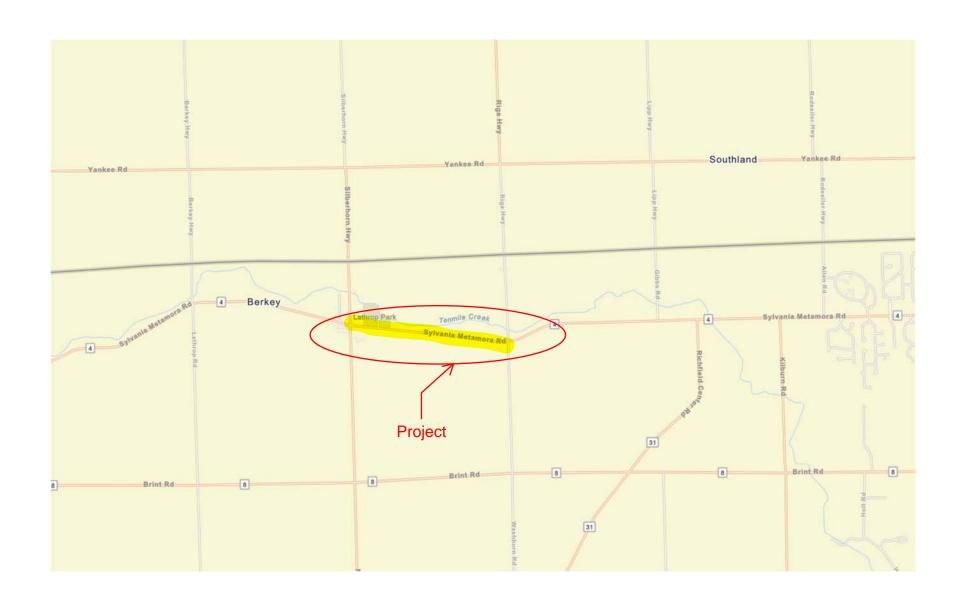
The elements of this project can be expected to have a weighted useful life of twenty years (20) with only routine maintenance needed to obtain and or extend this life.

Sarah L. Rowland, P.E. Project Engineer

Lucas County Engineers' Office



SYLVANIA METAMORA ROAD RESURFACING PROJECT



The Lucas County Engineers Office Traffic Department 419-213-2860

Location:

: SYLVANIA-METAMORA ROAD

From/To: Notes: : BERKEY SOUTHERN TO WASHBURN

: AB = EB

Seven Day Volume, per Channel (Volume factor 0.500)

Site: 000405

				Senso	or B	-			
Interval Start	Wed 7/17/2019	Thu 7/18/2019	Fri 7/19/2019	Sat 7/20/2019	Sun 7/21/2019	Mon 7/22/2019	Tue 7/23/2019	Mon - Fri Average	7 Day Average
12:00 AM	-	6	5	-	-	_	-	5.5	5.5
1:00 AM	-	3	2	-	-	·	-	2.5	2.5
2:00 AM	-	1	2	-	-	-	-	1.5	1.5
3:00 AM	-	6	2	-	-	-	-	4.0	4.0
4:00 AM		16	14	-	-	-	-	15.0	15.0
5:00 AM	-	-24	21	=	-	-	. -	22.5	22.5
6:00 AM	-	62	38	_	-	-	-	50.0	50.0
7:00 AM	-	72	88	-	-	-	_	80.0	80.0
8:00 AM	-	74	66	-	-	-	_	70.0	70.0
9:00 AM	-	106	78	_	_	_	-	92.0	92.0
10:00 AM	-	86	77	-	_	-	-	81.5	81.5
11:00 AM	-	99	86	-	-	-	_	92.5	92.5
12:00 PM	-	82	89	-	-	-	· _	85.5	85.5
1:00 PM	-	94	109		-	-	-	101.5	101.5
2:00 PM	92	105	-	-	_	-	-	98.5	98.5
3:00 PM	126	120	-	-	_	_	-	123.0	123.0
4:00 PM	132	114	-	_	_	_	-	123.0	123.0
5:00 PM	130	126	-	-	-	-	-	128.0	128.0
6:00 PM	86	58	-	-	-	_	-	72.0	72.0
7:00 PM	41	63	_	-	-	-	-	52.0	52.0
8:00 PM	62	60	-	-	_	_	_	61.0	61.0
9:00 PM	32	58	-	_	· -	-	_	45.0	45.0
10:00 PM	28	20	-	-	-	-	_	24.0	24.0
11:00 PM	11	16	-	-			-	13.5	13.5
Totals	740	1471	677	0	0	0	0	1444.0	1444.0
				Peak H	<u>lours</u>				
12:00 AM - 12:00 PM	-	9:00 AM	7:00 AM	-	-	-	-	11:00 AM	11:00 AN
Volume	-	106	88	_	-	-	-	92.5	92.
12:00 PM - 12:00 AM	4:00 PM	5:00 PM	1:00 PM	-	-		-	5:00 PM	5:00 PN
Volume	132	126	109	-	-	-	-	128.0	128.

TRAFFIC COUNTS		
LUCAS COUNTY ENGINEERS OFFICE	RAW A.D.T. 1450	
		RAW PK. HR. 130
		ADJ. A.D.T. 350
LOCATION:		LAT., LONG:
Sylvania-Metamora Road ~ Berkey Sou	whern to Washburn	N 41° 47 '518", W 83° 44 '35"
WARAN / RURAL NO.	COUNTER NUMBER	T.M.A.C.O.G. NUMBER
Major Collector 0.930 4	3	EL-0540

Location: : SYLVANIA- METAMORA ROAD

From/To: : BERKEY SOUTHERN TO WASHBURN

Notes: : AB = EB

Site: 000405 Wednesday, 5/29/2019 9:00 AM -Friday, 5/31/2019 1:00 PM

Classification Grand Totals

Hourly Averages

m		

		-	·		
Interval Start	Total	Passenger Vehicles	Single Trucks	Trucks & Trailers	Tailgating
12:00 AM	4.5	4.0	0.5	0.0	0.0
1:00 AM	1.5	0.5	1.0	0.0	0.0
2:00 AM	2.0	1.5	0.5	0.0	0.0
3:00 AM	6.5	5.0	1.0	0.5	0.0
4:00 AM	9.0	7.0	1.5	0.5	0.0
5:00 AM	32.5	24.5	7.0	1.0	0.0
6:00 AM	71.0	58.0	12.0	1.0	0.0
7:00 AM	71.5	64.0	6.5	1.0	0.0
8:00 AM	58.0	43.5	12.0	2.5	0.0
9:00 AM	58.0	47.0	9.0	2.0	0.0
10:00 AM	73.7	55.3	14.7	3.7	0.0
11:00 AM	68.3	56.7	9.7	2.0	0.0
12:00 PM	68.0	52.7	11.3	4.0	0.0
1:00 PM	62.5	54.0	7.0	1.5	0.0
2:00 PM	81.5	64.5	14.5	2.5	0.0
3:00 PM	89.0	72.5	15.0	1.5	0.0
4:00 PM	115.5	96.5	18.5	0.5	0.0
5:00 PM	100.5	86.0	12.5	2.0	0.0
6:00 PM	64.0	52.0	10.0	2.0	0.0
7:00 PM	45.0	39.5	4.0	1.5	0.0
8:00 PM	34.5	31.0	3.5	0.0	0.0
9:00 PM	22.0	19.5	2.5	0.0	0.0
10:00 PM	22.0	21.5	0.5	0.0	0.0
11:00 PM	6.5	4.5	2.0	0.0	0.0
Daily Average	1167.5	961.2	176.7	29.7	0.0

Study Grand Totals

	Total	Passenger Vehicles	Single Trucks	Trucks & Trailers	Tailgating
Combined	2603	2134	398	71	0
		82.0%	15.3%	2.7%	0.0%
EB	1252	1141	86	25	0
		91.1%	6.9%	2.0%	0.0%
WB	1351	993	312	46	0
		73.5%	23.1%	3.4%	0.0%