



Susquehanna TOWNSHIP

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Susquehanna Township Board of Commissioners
Susquehanna Township Authority
Joint Public Works/Planning & Construction Committee Meeting Agenda
January 12, 2023
Pincus Room
6:30 p.m.

A. CALL TO ORDER

B. ROLL CALL

C. PETITIONS, COMPLAINTS, SUGGESTIONS FROM CITIZENS

D. DISCUSSION OF 2023 ROAD PROJECTS

Narrative

The Township has budgeted a total of \$1 million in its 2023 Annual Budget for the design, engineering, right-of-way acquisition, and construction and maintenance of Township roads. Funding for these projects is coming from the Township's General Fund and its annual Liquid Fuels allocation. In 2022, HRG completed an update to the Township-wide Pavement Management Plan and assigned condition indexes to all Township streets. These indexes are based on several road characteristics to evaluate the overall condition of the streets and identify degradation over time as a method to prioritize capital investments. In its Capital Improvement Program Budget, the Board considered paving projects on Wood Street (repaving and ADA ramp upgrades); Valley Road (mill and overlay); Goose Valley Road (mill and overlay); and Rose Hill Road (repaving). These projects are estimated to total approximately \$825,000, without the cost of engineering and design. However, it was understood that these projects may be revised as the Township and Authority coordinated their respective work plans in 2023.

Several major mini basin capital projects are also planned to commence in 2023 by the Susquehanna Township Authority. These include the North Branch and Woodridge Interceptor Upgrade project, anticipated to be let this week; the Mini Basin 32A/Fox Run Trunk project; and the Mini Basin 23B/C project in Asylum Run. Additionally, the Authority is funding the improvements to Paxton Church Road, which is expected to commence in the spring.

Provided with the agenda are several documents: First, a map of the Township's road network with all assigned Pavement Condition Indexes (PCIs). Second, excerpts from the 2023 – 2027 Susquehanna Township Capital Improvement Program Budget describing the proposed

2023/2024 road projects. Third, a map identifying traffic volume and roadway prioritization as prepared by HRG in conjunction with the 2022 Pavement Management Plan update. The link the full plan document can be found below. Finally, staff has developed a map to overlay the planned mini basin projects from the Authority with the PCI ratings of the Township streets.

The Public Works Committee of the Township and the Planning & Construction Committee of the Authority have been asked to meet jointly to review the planned capital projects and define a 2023 work plan that will maximize the investments of both agencies and avoid undue hardship on residents and commuters. Staff and consultants for the Township and Authority will introduce the discussion item with a brief review of planned Authority projects and the Pavement Management Plan update. At the conclusion of the presentation, staff is requesting the two committees form a recommendation for the Board of Commissioners for 2023 road projects that will be presented for acceptance at their January 26th Workshop.

[2022 Susquehanna Township Pavement Management Plan](#)

Staff recommendation: That the Public Works Committee and Planning & Construction Committee review the candidate road projects and submit a recommendation to the Board of Commissioners for its 2023 work plan.

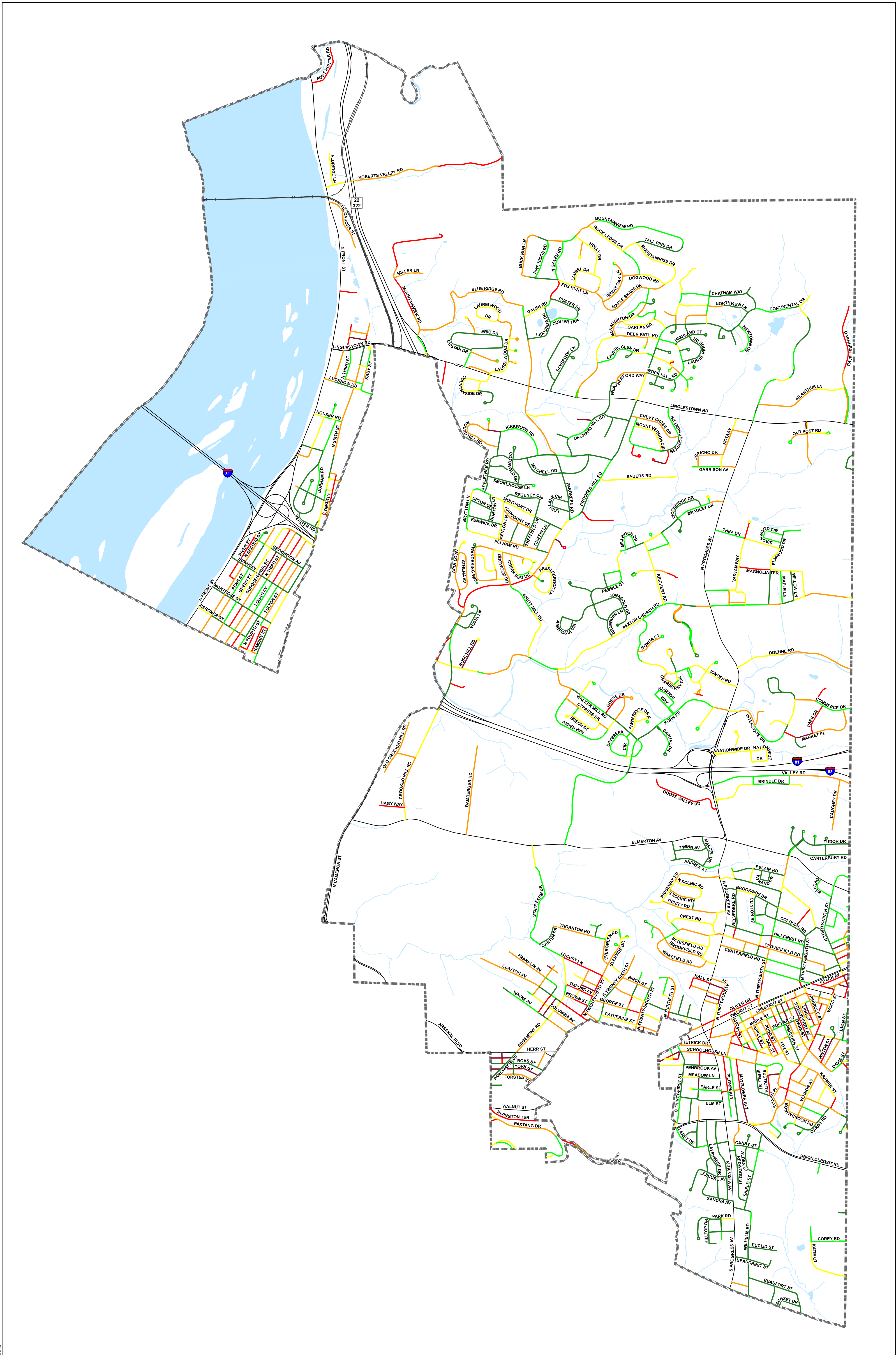
E. COMMISSIONER/AUTHORITY BOARD MEMBER COMMENTS

F. ADJOURNMENT

NOTE: TO ACCOMMODATE ALL CITIZENS, INDIVIDUAL SPEAKERS WILL BE PERMITTED THREE MINUTES TO ADDRESS THE BOARD.

NOTE: PLEASE PLACE ALL CELL PHONES, PAGERS, AND OTHER ELECTRONIC DEVICES ON SILENT MODE.

NOTE: THE TOWNSHIP MEETINGS ARE RECORDED.



2022 Pavement Condition Index (PCI) Map
 Susquehanna Township
 Dauphin County, Pennsylvania

Mapping derived from data provided by Dauphin County and Transmap
 9/29/2022 PM:RKM GIS:RKM QA:RJH P000242.0521

 389 East Park Drive
 Harrisburg, PA 17111
 717.564.1121 [phone]
 717.564.1158 [fax]
 www.hrg-inc.com

State Road	Pavement Condition Index	Poor (41 - 59)
Railroad	Very Good (86 - 100)	Very Poor (26 - 40)
Municipal Boundary	Good (75 - 85)	Failed (0 - 25)
Water Body	Fair (60 - 74)	

Transportation Improvements (Roads)

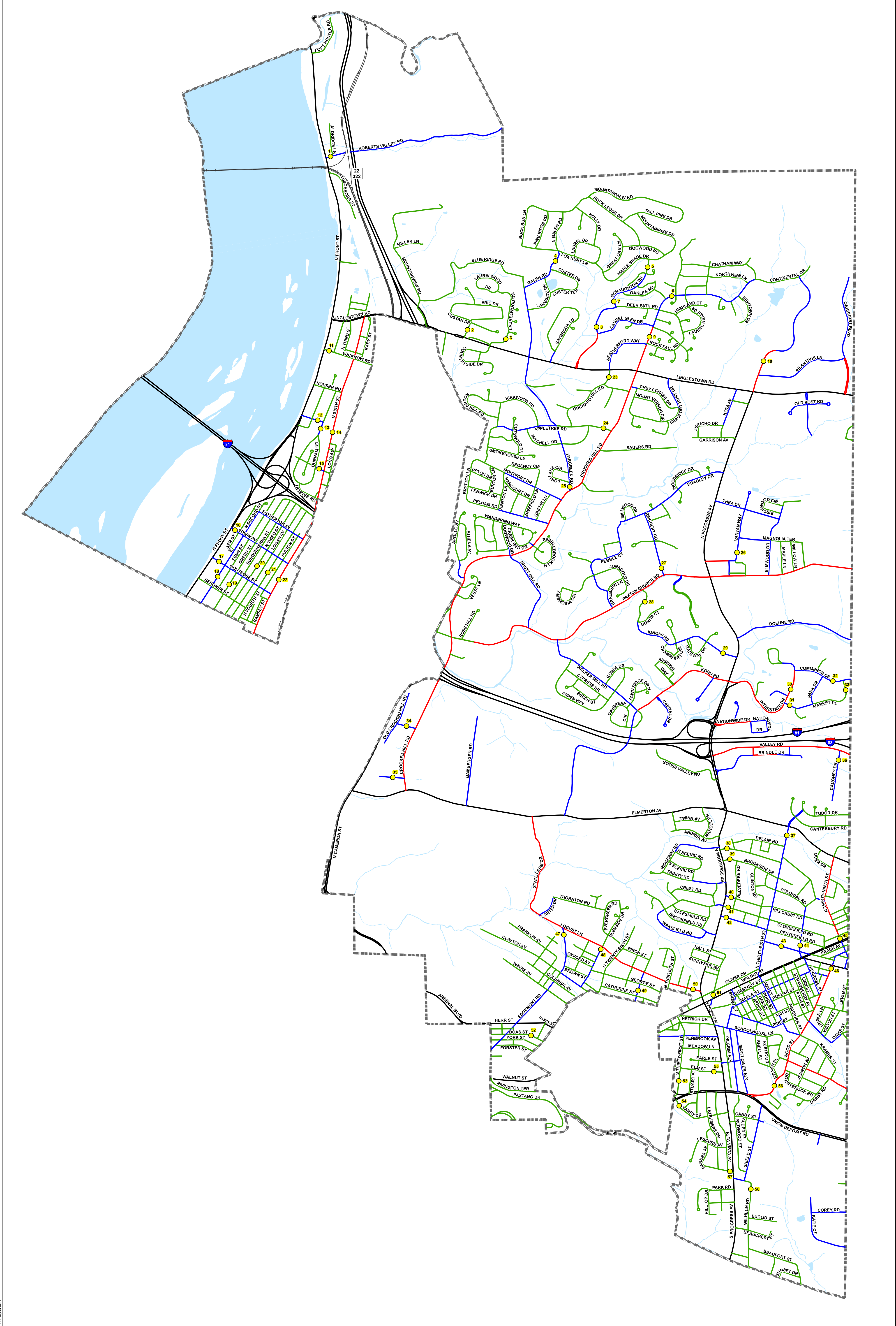
2023 - 2027
ROAD PAVING AND REHABILITATION
\$800,000 - \$1 million/year

A pavement management program will depend largely on the results of the updated condition assessments currently being completed by HRG, Inc. Priority projects have been derived from the 2017 assessment and cannot be easily converted to current conditions due to the unpredictable degradation of condition indexes. Staff has prepared the table below of recommendations for the first two years of the pavement management program utilizing condition indexes from the 2018 assessment.

There is currently one capital bridge project planned within the horizon of this CIP. The replacement of the Kohn Road Bridge superstructure is an intergovernmental partnership with Dauphin County leveraging federal funding. The Township’s commitment is 40% of the project total cost of \$1,230,000, or \$303,000. The local share is due at the conclusion of the project, which is presently anticipated in 2025.

Funding for the recommended improvements could be derived from a dedicated millage, Liquid Fuels revenue, debt service, and grant opportunities. At this time, a placeholder is included in the Capital Improvement Program Budget, and the exact projects would be determined at the conclusion of the updated study, the results of which are anticipated later this year.

2023/2024 PROPOSED ROAD PROJECTS					
Year	Project Name	Project Type	Lineal Feet	Cost/Ft.	Total
2023	Wood Street	Repaving	6,336	\$75	\$ 475,200
2023	Wood Street	ADA Ramp Upgrades	LS	LS	\$ 5,000
2023	Valley Road	Mill & Overlay	3,867	\$40	\$ 154,680
2023	Goose Valley Road	Mill & Overlay	2,090	\$40	\$ 83,600
2023	Goose Valley Road	Cul-de-sac	LS	LS	\$ 25,000
2023	Rose Hill Road	Repaving	1,074	\$75	\$ 80,550
			2023 TOTAL		\$ 824,030
2024	North 2nd Street	Repaving	7,466	\$75	\$ 559,950
2024	Fox Hunt Drive	Repaving	2,076	\$75	\$ 155,700
			2024 TOTAL		\$ 715,650
	LS = "Lump Sum"				



Traffic Volume / Roadway Priority Map
 Susquehanna Township
 Dauphin County, Pennsylvania

1,200 0 1,200 Feet
 Mapping derived from data provided by Dauphin County and Transmap
 9/29/2022 PM:RKM GIS:RKM QA:RJH P000242.0521
HRG
 HERRICK, LOWMEYER & GRIFFITH
 Engineering & Related Services
 An Employee-Owned Company
 369 East Park Drive
 Harrisburg, PA 17111
 717.564.1121 [phone]
 717.564.1158 [fax]
 www.hrg-inc.com

- Traffic Count Location (See Spreadsheet)
- High Volume
- Medium Volume
- Low Volume

POTENTIAL COLLABORATIVE PROJECT AREAS

LEGEND

Storm Pipe Material

- Clay
- Metal
- Concrete
- Plastic
- Unknown

Mini Basins

- Zone
- 23B
 - 23C
 - 32A

2022 Pavement Assessment

- PCI Rating
- Failed
 - Serious
 - Very Poor
 - Poor
 - Fair
 - Satisfactory
 - Good

Municipal Boundary

Impaired Stream

