

## Genesee County Pavement Management System

The Genesee County Metropolitan Planning Commission utilizes a pavement management system consisting of PASER and RoadSoft that was developed by the University of Wisconsin-Madison Transportation Information Center and approved by the Michigan Asset Management Council for use in asset management reporting.

GCMPC utilize the PASER program to collect road data and RoadSoft to evaluate and analyze the collected data. RoadSoft provides pavement management capabilities to:

- Develop and organize the pavement inventory
- Assess the current condition of pavement
- Develop models to predict future conditions
- Report on past and future pavement performance
- Develop scenarios for pavement maintenance based on budget or condition requirements

### What is the PASER system?

PASER Rating	Pavement Quality
1	Poor
2	
3	
4	
5	
6	
7	
8	
9	
10	Excellent

PASER is an acronym for Pavement Surface Evaluation and Rating system and is used to evaluate the surface condition of concrete and asphalt roadway pavement.

PASER is a "windshield" road rating system that uses a 0 to 10 rating scale, with a value of 10 representing a new road and a value of 1 representing a failed road. Condition ratings are assigned by monitoring the type and amount of visual defects along a road segment while driving the segment. The PASER system interprets these observations into a condition rating.

The key to a useful evaluation is identifying different types of pavement distress and linking them to a cause. Understanding the cause for current conditions is important in selecting an appropriate maintenance or rehabilitation technique.

PAVED ROADS	FROM	TO	CONDITION	PASER RATING
SHUMAR	HEGEL	END	OPEN-DITCH	3
HAWES	M-15	END OF PAVEMENT	CURB AND GUTTER	7
JANUROY	FAIR OAKS/GREEN RIDGE	RIDGE	CURB AND GUTTER	3
FAIR OAKS	PHASE LINE	JANUROY/GREEN RIDGE	CURB AND GUTTER	5
FAIR OAKS	OAK RIDGE	PHASE LINE	CURB AND GUTTER	5
OAK RIDGE	PHASE LINE	FAIR OAKS	CURB AND GUTTER	3
OAK RIDGE	HERRITAGE	PHASE LINE	CURB AND GUTTER	5
OAK RIDGE	END	HERRITAGE	CURB AND GUTTER	5
HERRITAGE	OAK RIDGE	CHASE CT	CURB AND GUTTER	5
HERRITAGE	CHASE CT	PHASE LINE	CURB AND GUTTER	5
HERRITAGE	PHASE LINE	WINSTONE CT/HIGHLAND CT	CURB AND GUTTER	5
HERRITAGE	WINSTONE CT/HIGHLAND CT	GREEN RIDGE DR	CURB AND GUTTER	3
CHASE CT	HERRITAGE	END	CURB AND GUTTER	5
WINDSTONE CT	HERRITAGE/HIGHLAND CT	END	CURB AND GUTTER	3
HIGHLAND CT	END	HERRITAGE/WINDSTONE CT	CURB AND GUTTER	5
GREEN RIDGE	END	HERRITAGE	CURB AND GUTTER	3
GREEN RIDGE	HERRITAGE	JANUROY/FAIR OAKS	CURB AND GUTTER	5
JANUROY	RIDGE	END	PARTIAL	5
ALLEN	RIDGE	END	CURB AND GUTTER	6
CREEKSIDE	END	WALNUT	CURB AND GUTTER	2
CREEKSIDE	WALNUT	CEDAR	CURB AND GUTTER	3
CREEKSIDE	CEDAR	PONTIAC	CURB AND GUTTER	3
WALNUT	DUTCH	CREEKSIDE	CURB AND GUTTER	3
CEDAR	END	CREEKSIDE	CURB AND GUTTER	3
ROSE	WINDEMERE	HEGEL	CURB AND GUTTER	5
ROSE	PINEWOOD	WINDEMERE	CURB AND GUTTER	3
FOXHOLLOW	WINDEMERE	HEGEL	CURB AND GUTTER	3
FOXHOLLOW	PINEWOOD	WINDEMERE	CURB AND GUTTER	3
WINDEMERE	ROSE	FOXHOLLOW	CURB AND GUTTER	3
PINEWOOD	ROSE	FOXHOLLOW	CURB AND GUTTER	3
FAIRVIEW	FAIRVIEW CT	GRANDVIEW	CURB AND GUTTER	3
FAIRVIEW	HEGEL	FAIRVIEW CT	CURB AND GUTTER	2
FAIRVIEW CT	FAIRVIEW	END	CURB AND GUTTER	3

GRANDVIEW	FAIRVIEW	TARA (W)	CURB AND GUTTER	5
GRANDVIEW	FAIRVIEW	TARA (E)	CURB AND GUTTER	5
GRANDVIEW	TARA (E)	END	CURB AND GUTTER	5
TARA	GRANDVIEW	GRANDVIEW	CURB AND GUTTER	3
MILL POINTE	END	WOODLAND	CURB AND GUTTER	5
MILL POINTE	WOODLAND	MILL POINTE CT	CURB AND GUTTER	6
MILL POINTE	MILL POINTE CT	M-15	CURB AND GUTTER	6
WOODLAND	MILL POINTE	END	CURB AND GUTTER	5
MILL POINTE CT	MILL POINTE	END	CURB AND GUTTER	5
HAWTHORNE CIRCLE	HAWTHORNE RIDGE (E)	HAWTHORNE CIRCLE CT	CURB AND GUTTER	2
HAWTHORNE CIRCLE	HAWTHORNE CIRCLE CT	HAWTHORNE RIDGE (W)	CURB AND GUTTER	5
HAWTHORNE CIRCLE CT	END	HAWTHORNE CIRCLE	CURB AND GUTTER	3
HAWTHORNE RIDGE	END	HAWTHORNE CIRCLE	CURB AND GUTTER	5
HAWTHORNE RIDGE	HAWTHORNE CIRCLE (W)	HAWTHORNE CIRCT (E)	CURB AND GUTTER	2
HAWTHORNE RIDGE	HAWTHORNE CIRCLE (E)	HUF SANDER	CURB AND GUTTER	2
HUF SANDER	HAWTHORNE RIDGE	M-15	CURB AND GUTTER	3
PONTIAC	HEGEL	SAGINAW	OPEN-DITCH	2
PONTIAC	SAGINAW	ERIE	OPEN-DITCH	2
CLARANCE	HURON	HEGEL	PARTIAL	8
CLARANCE	HEGEL	SAGINAW	PARTIAL	5
CLARANCE	SAGINAW	ERIE	PARTIAL	3
ERIE	END OF PAVEMENT (DUTCH)	PONTIAC	OPEN-DITCH	3
ERIE	PONTIAC	SENECA	CURB AND GUTTER	8
ERIE	SENECA	CLARANCE	CURB AND GUTTER	8
ERIE	CLARANCE	M-15	CURB AND GUTTER	8
RIDGE	GREEN	JANUORY	OPEN-DITCH	5
RIDGE	JANUORY	ALLEN	OPEN-DITCH	5
RIDGE	ALLEN	HURON	PARTIAL	3
RIDGE	HURON	HEGEL	CURB AND GUTTER	3
HEGEL	VILLAGE LIMITS (W)	SHUMAN	OPEN-DITCH	3
HEGEL	SHUMAN	RIDGE	PARTIAL	3
HEGEL	RIDGE	PONTIAC	CURB AND GUTTER	8
HEGEL	PONTIAC	SENECA	CURB AND GUTTER	8
HEGEL	SENECA	CLARANCE	CURB AND GUTTER	3

HEGEL	CLARANCE	KEARSLEY CREEK DAM	KEARSLEY CREEK DAM	CURB AND GUTTER	8
HEGEL	KEARSLEY CREEK DAM	M-15		OPEN-DITCH	7
HEGEL	M-15	ROSE		OPEN-DITCH	7
HEGEL	ROSE	FOX HOLLOW/FAIRVIEW		OPEN-DITCH	3