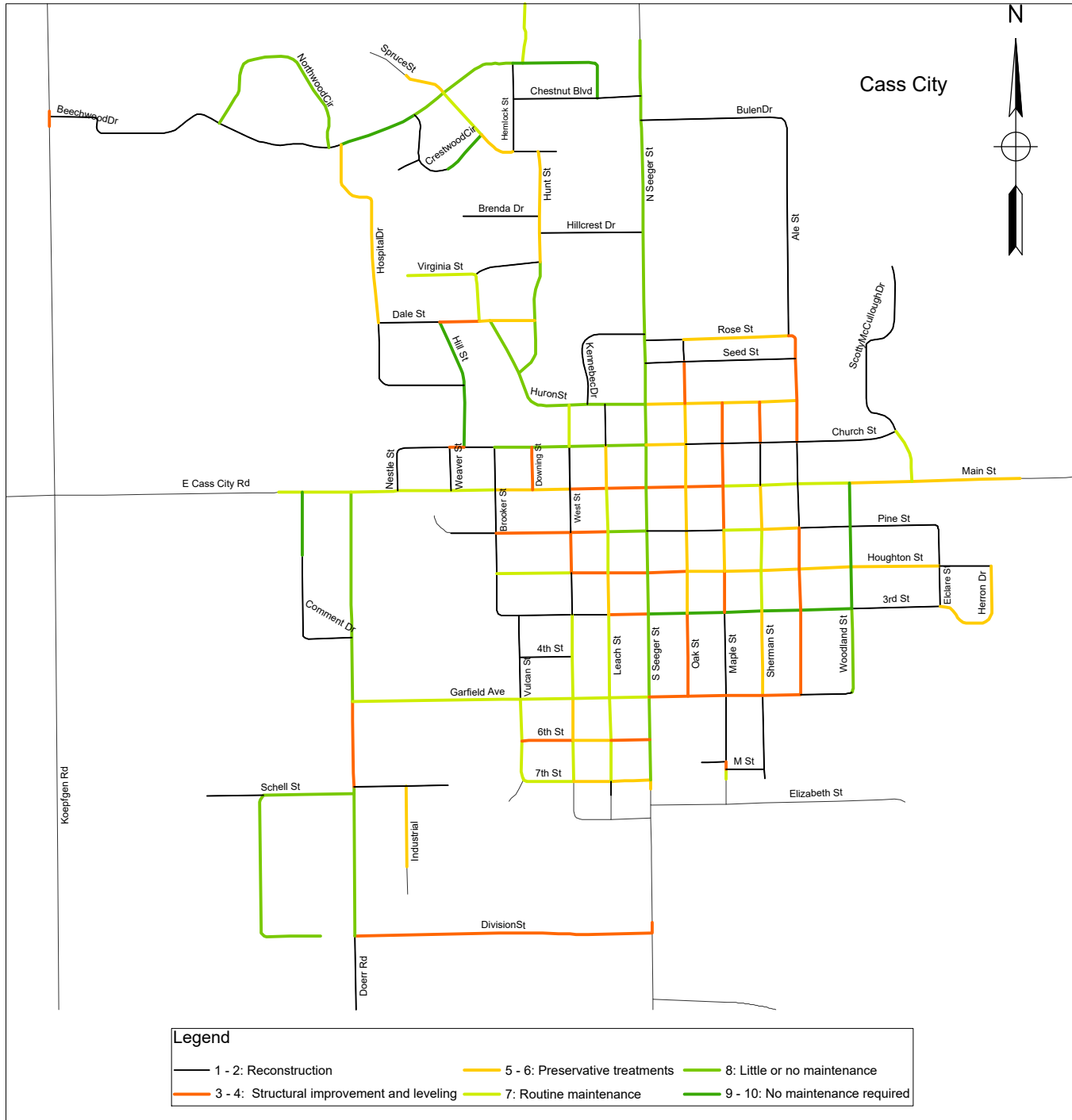


# Pavement Surface Evaluation and Rating (PASER) Cass City 2021

Total PASER Miles: 23.777



WORKORDER NUMBER: 133400SG2022 PLOT SCALE: 10  
ACAD FILE:

BY	MARK	REVISIONS	DATE

THE WORK REPRESENTED BY THIS DRAWING WAS DESIGNED BY THE ENGINEER FOR THIS SPECIFIC APPLICATION AND SPECIFIC LOCATION DESCRIBED HEREON IN ACCORDANCE WITH THE CONDITIONS PREVALENT AT THE TIME THE DESIGN WAS DONE. THE ENGINEER DOES NOT GUARANTEE AND WILL NOT BE LIABLE FOR ANY OTHER LOCATION, CONDITION, DESIGN OR PURPOSE.

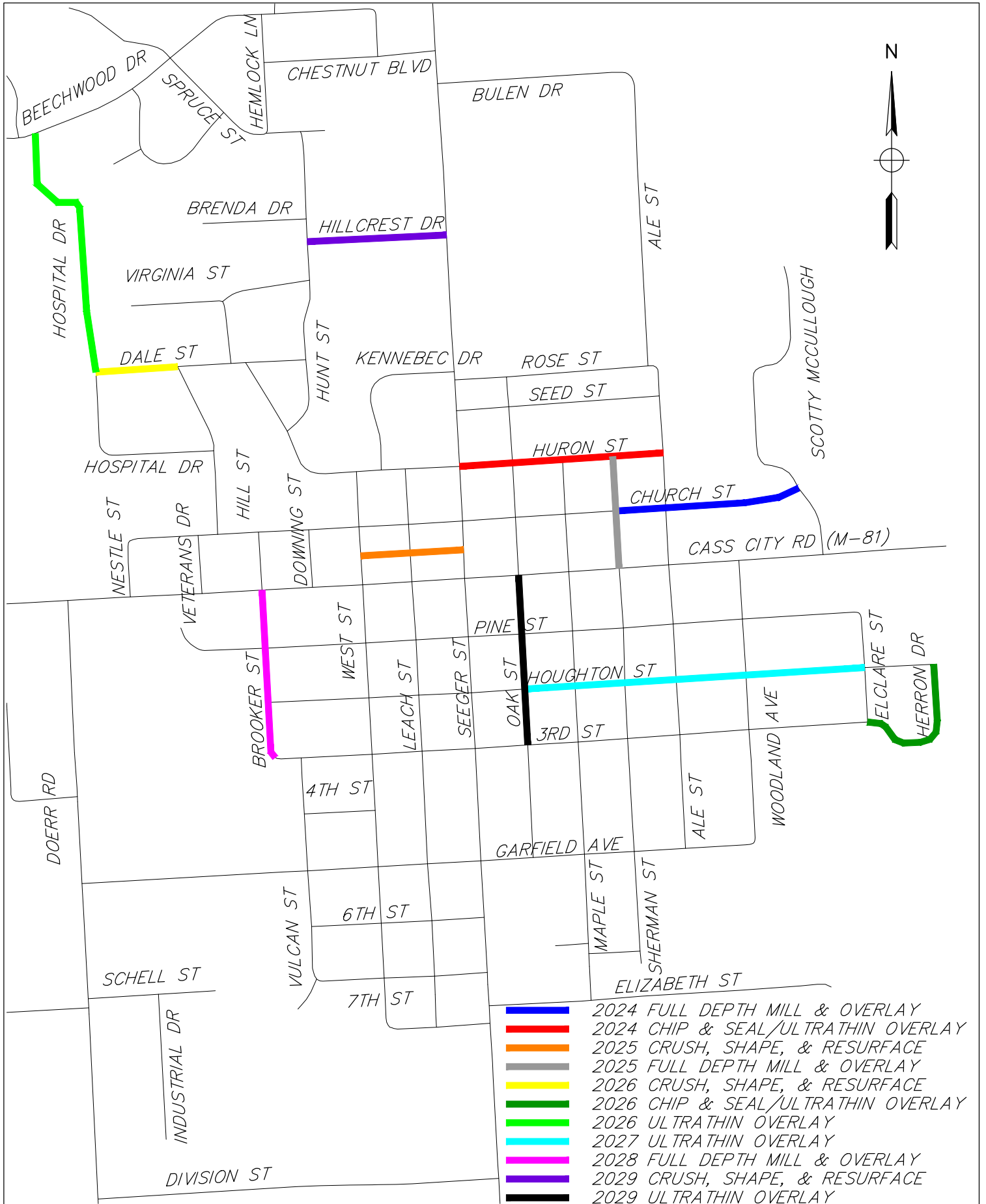
VILLAGE OF CASS CITY  
2023 TRANSPORTATION IMPROVEMENT PLAN



**SAGINAW OFFICE**  
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Saginaw, MI 48607-1286  
Tel. 989-754-4717  
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www.SpicerGroup.com

VILLAGE OF CASS CITY  
PASER RATING MAP

DE. BY: <i>JDS</i> _____ CH. BY: <i>MDN</i> _____	PROJECT NO.
DR. BY: <i>JDS</i> _____ APP. BY: <i>JDS</i> _____	135115SG2023
STDS.	SHEET 1 OF 1
DATE OCTOBER 2023	FILE NO.
SCALE NOT TO SCALE	



- █ 2024 FULL DEPTH MILL & OVERLAY
- █ 2024 CHIP & SEAL/ULTRATHIN OVERLAY
- █ 2025 CRUSH, SHAPE, & RESURFACE
- █ 2025 FULL DEPTH MILL & OVERLAY
- █ 2026 CRUSH, SHAPE, & RESURFACE
- █ 2026 CHIP & SEAL/ULTRATHIN OVERLAY
- █ 2026 ULTRATHIN OVERLAY
- █ 2027 ULTRATHIN OVERLAY
- █ 2028 FULL DEPTH MILL & OVERLAY
- █ 2029 CRUSH, SHAPE, & RESURFACE
- █ 2029 ULTRATHIN OVERLAY

CASS CITY

TRANSPORTATION IMPROVEMENT PLAN PROJECT LOCATIONS

DATE	SCALE	CONT. SEC.	JOB NO.	SPICER PROJ.	SHEET NO.
OCTOBER 2023	NONE			135115SG2023	1



Village of Cass City - 6 Year Road Transportation Improvement Program (TIP)

Prepared 10/23/2023

<b>FY 2024</b>									
Project No.	Project	Road	From	To	PASER	Estimated Road Construction Cost	Estimated Engineering %	Estimated Engineering Cost	Estimated Total Project Cost
2024-001	Full Depth Mill and Overlay - 3.5"	Church Street	Sherman	Scotty Mccullough	3	\$199,000	20%	\$39,800	\$239,000
2024-002	2024 Chip & Seal/Ultrathin Overlay	Huron Street	Seeger	Ale	5/6	\$55,900	15%	\$8,400	\$65,000
								Contingency 5%	\$12,000
								<b>Subtotal 2028</b>	<b>\$316,000</b>

<b>FY 2025</b>									
Project No.	Project	Road	From	To	PASER	Estimated Road Construction Cost	Estimated Engineering %	Estimated Engineering Cost	Estimated Total Project Cost
2025-001	Crush and Shape and Overlay - 3.5"	*Alley	West	Seeger	5	\$105,400	20%	\$21,100	\$127,000
2025-002	Full Depth Mill and Overlay - 3.5"	Sherman Street	Main	Huron	2/3	\$121,900	20%	\$24,400	\$146,300
								Contingency 5%	\$14,000
								<b>Subtotal 2025</b>	<b>\$288,000</b>

\*Note: The Alley is a special assessment and is in addition to the \$150,000 budgeted for year 2025

<b>FY 2026</b>									
Project No.	Project	Road	From	To	PASER	Estimated Road Construction Cost	Estimated Engineering %	Estimated Engineering Cost	Estimated Total Project Cost
2026-001	Crush and Shape W/ New Curb	Dale Street	Hospital	Hill	2	\$134,000	20%	\$26,800	\$161,000
2026-002	2026 Ultrathin Overlay	Hospital Drive	Dale	Beechwood	5	\$54,300	15%	\$8,200	\$63,000
								Contingency 5%	\$12,000
								<b>Subtotal 2026</b>	<b>\$236,000</b>

<b>FY 2027</b>									
Project No.	Project	Road	From	To	PASER	Estimated Road Construction Cost	Estimated Engineering %	Estimated Engineering Cost	Estimated Total Project Cost
2027-001	2027 Ultrathin Overlay	Houghton Street	Oak	Elclare	5/6	\$78,700	15%	\$11,900	\$91,000
2027-002	2026 Chip & Seal/Ultrathin Overlay	Herron Drive	Elclare	Houghton	3	\$50,500	15%	\$7,600	\$59,000
								Contingency 5%	\$5,000
								<b>Subtotal 2027</b>	<b>\$155,000</b>

<b>FY 2028</b>									
Project No.	Project	Road	From	To	PASER	Estimated Road Construction Cost	Estimated Engineering %	Estimated Engineering Cost	Estimated Total Project Cost
2028-001	Full Depth Mill and Overlay - 3.5"	Brooker Street	Third	Main	2	\$158,600	20%	\$31,800	\$190,400
								Contingency 5%	\$10,000
								<b>Subtotal 2024</b>	<b>\$201,000</b>

<b>FY 2029</b>									
Project No.	Project	Road	From	To	PASER	Estimated Road Construction Cost	Estimated Engineering %	Estimated Engineering Cost	Estimated Total Project Cost
2029-001	Crush and Shape and Overlay - 3.5"	Hillcrest Drive	Hunt	Seeger	2	\$98,100	20%	\$19,700	\$118,000
2029-002	2029 Ultrathin Overlay	Oak Street	3rd	Main	5/6	\$106,900	15%	\$16,100	\$123,000
								Contingency 5%	\$13,000
								<b>Subtotal 2029</b>	<b>\$254,000</b>

<b>Program Total</b>	<b>\$1,316,000</b>
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