



Mix of Fixes

North Region Bridge Maintenance

2024 Michigan Bridge Conference



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North Region

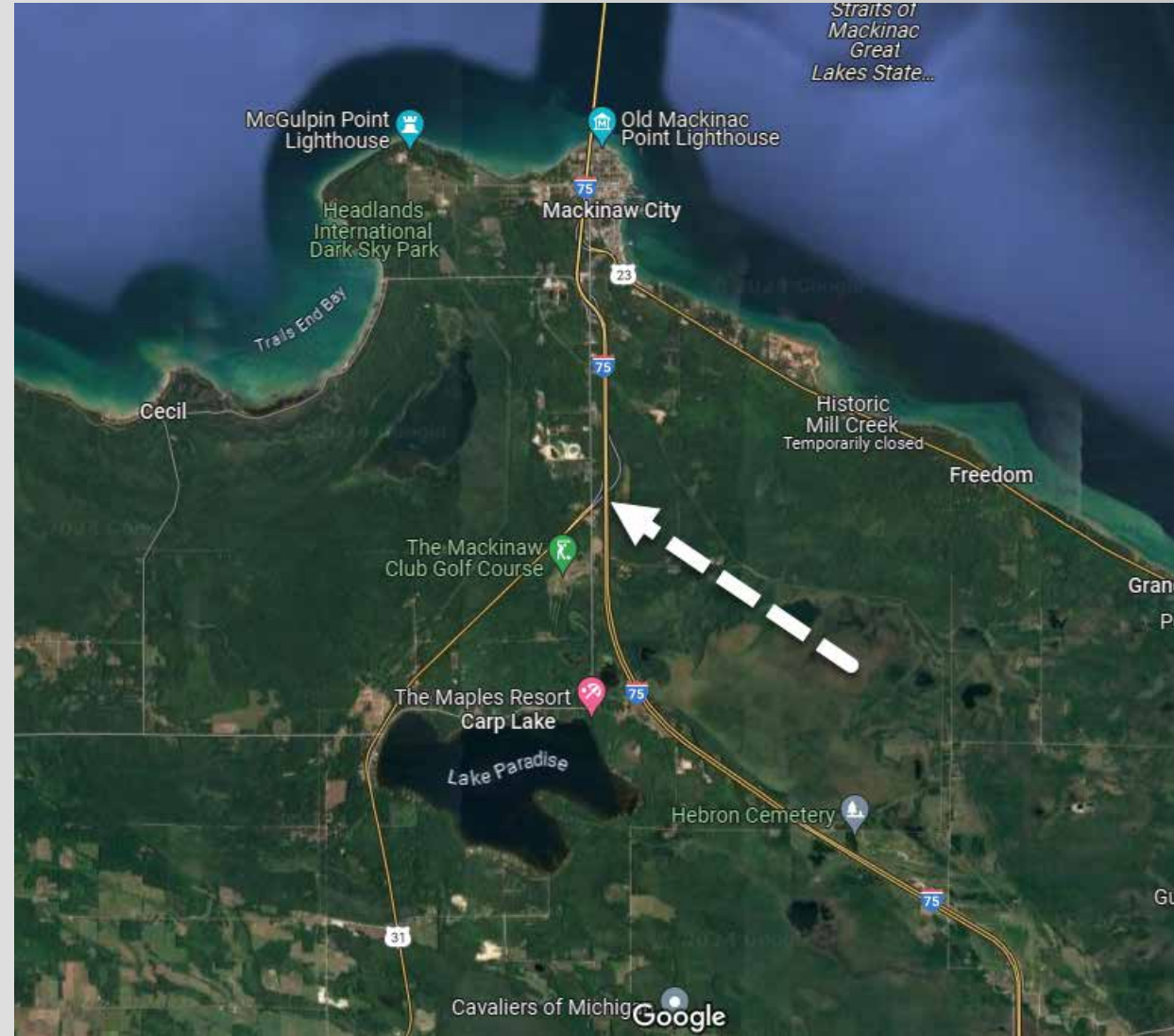


3 Bridge Crews

Atlanta – North
Atlanta – South
Kalkaska

Atlanta – North Crew

US-31 NB over I-75



Atlanta – North Crew

US-31 NB over I-75



Atlanta – North Crew

US-31 NB over I-75



Atlanta – North Crew

US-31 NB over I-75



Atlanta – North Crew

US-31 NB over I-75



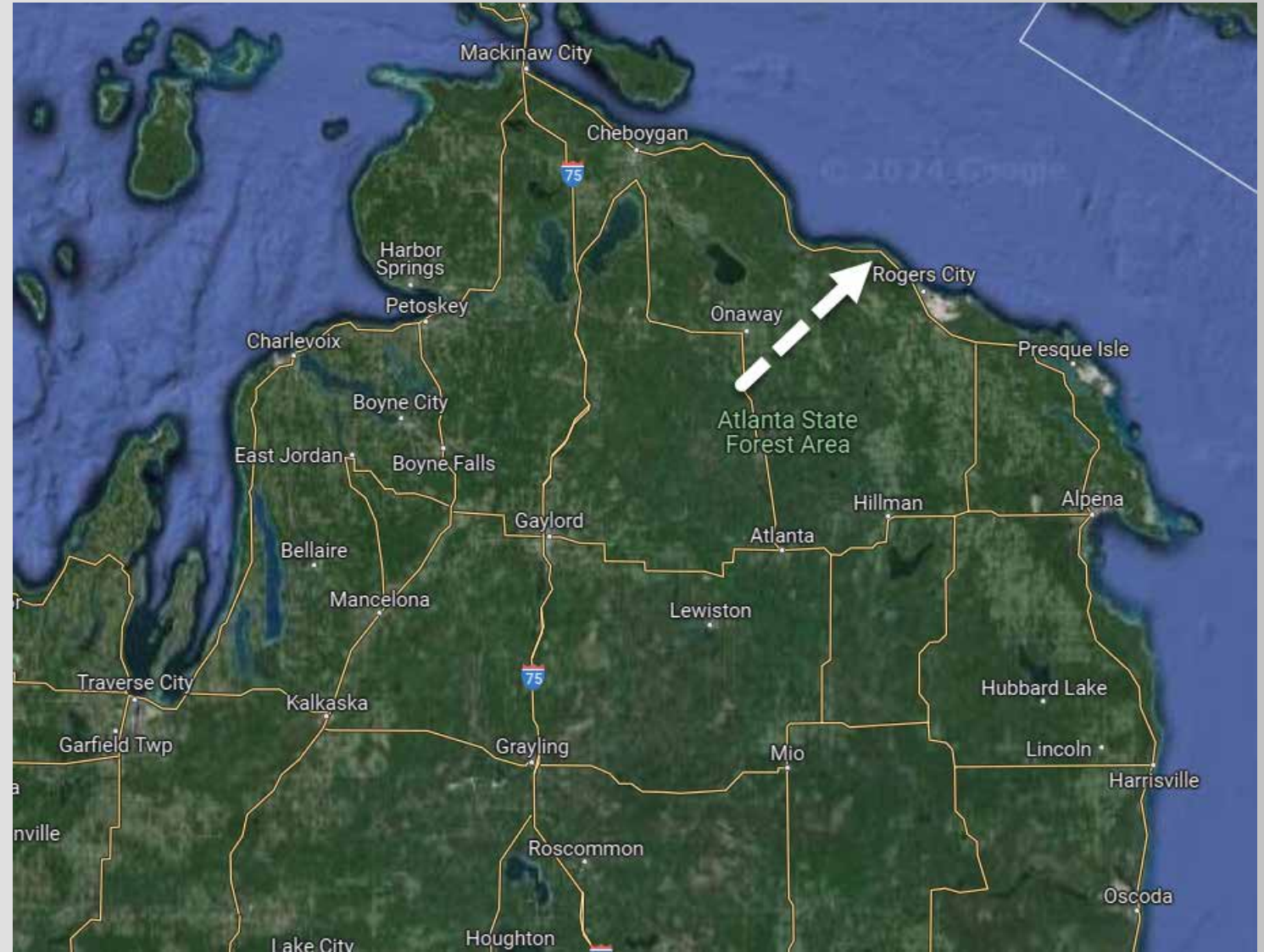
Before



After

Atlanta – North Crew

US-23 over Twin Lakes Outlet



Atlanta – North Crew

US-23 over Twin Lakes Outlet



Atlanta – North Crew

US-23 over Twin Lakes Outlet



Atlanta – North Crew

US-23 over Twin Lakes Outlet



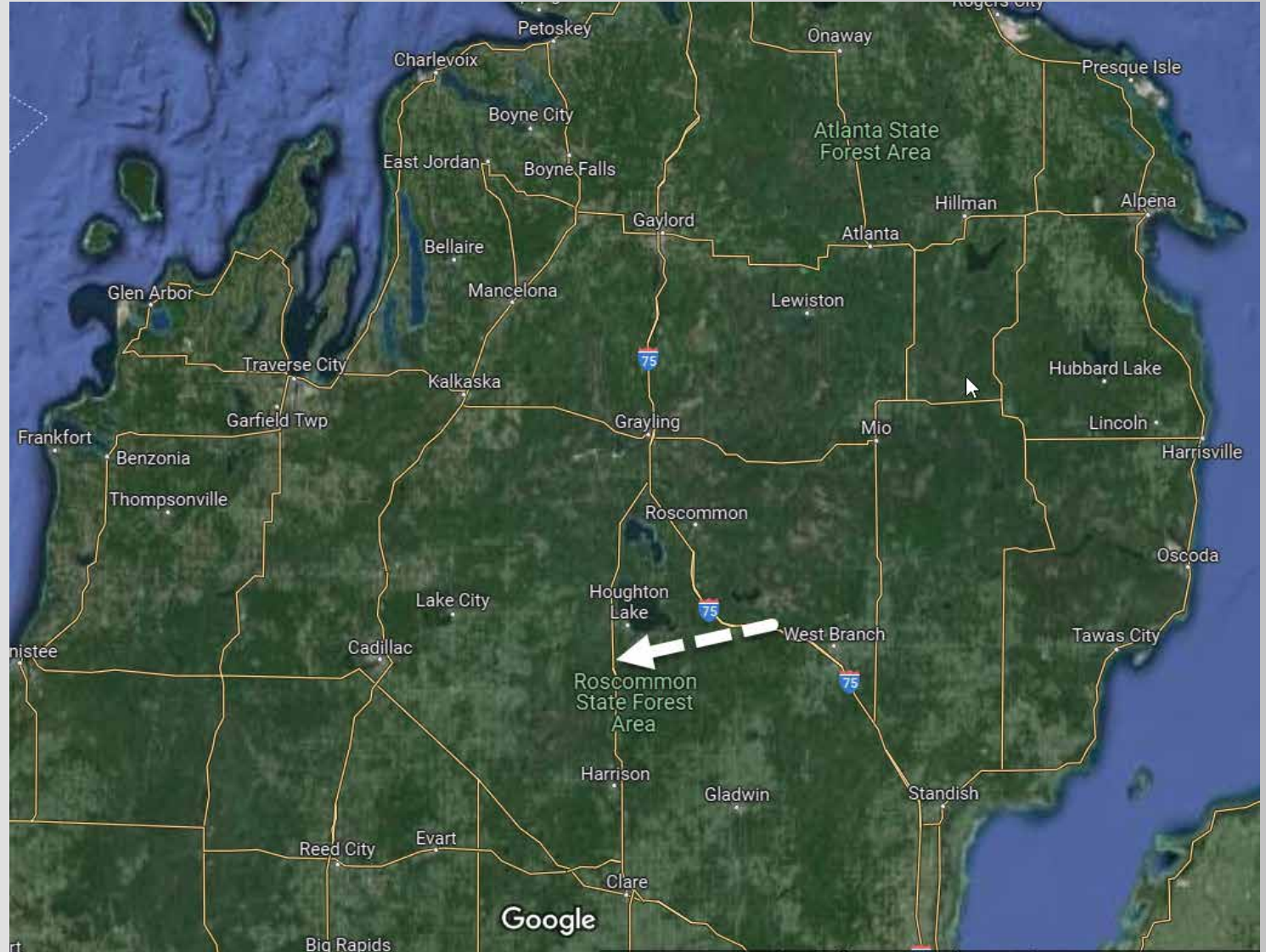
Before



After

Atlanta - South Crew

Snow Bowl Rd over US-127 NB and SB



Atlanta - South Crew

Snow Bowl Rd over US-127 NB and SB



Atlanta - South Crew

Snow Bowl Rd over US-127 NB and SB



Atlanta - South Crew

Snow Bowl Rd over US-127 NB and SB



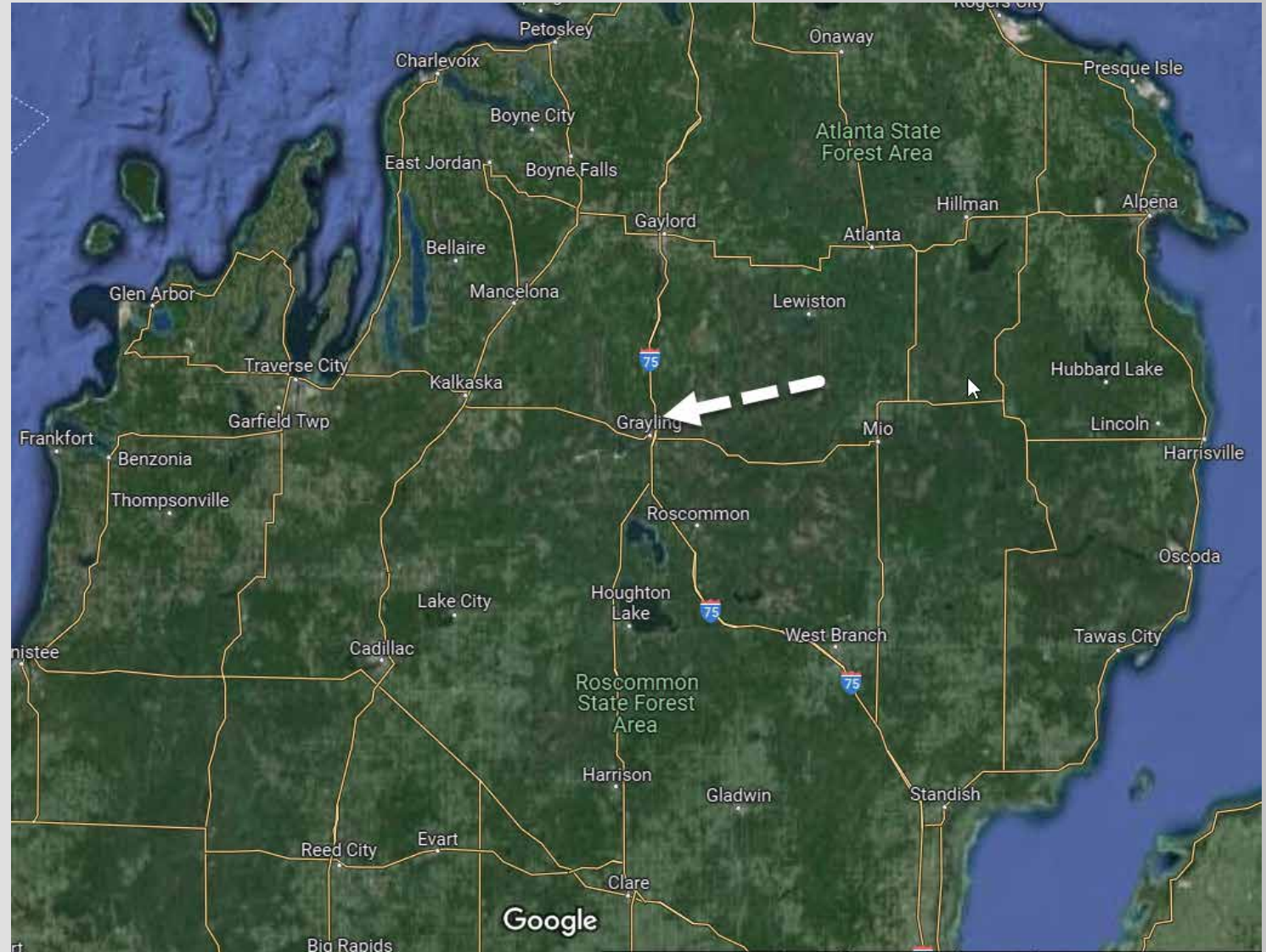
Before



After

Atlanta - South Crew

North Down River Rd over I-75



Atlanta - South Crew

North Down River Rd over I-75



Atlanta – South Crew

North Down River Rd over I-75



Atlanta – South Crew

North Down River Rd over I-75



Atlanta - South Crew

North Down River Rd over I-75

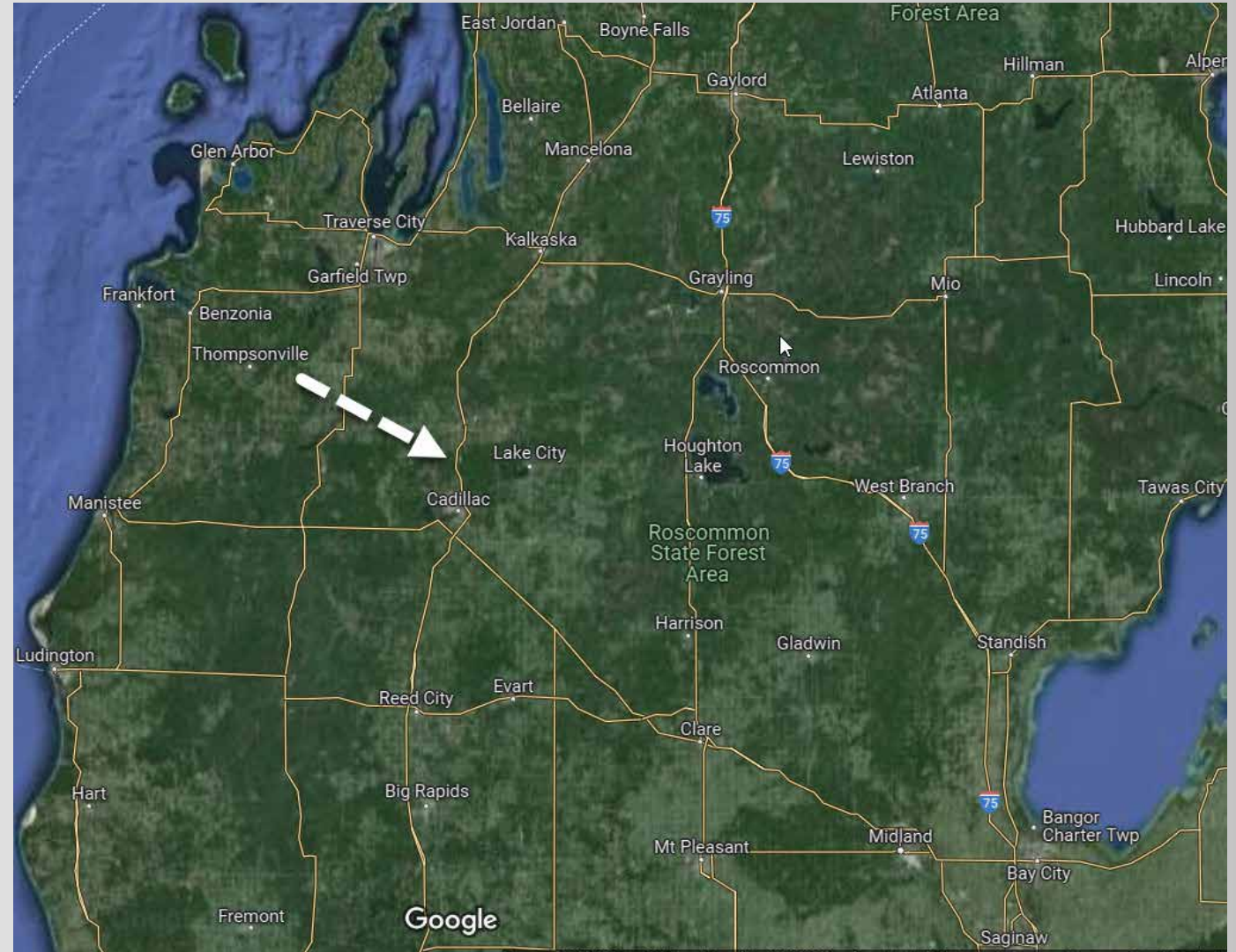


Atlanta - South Crew

North Down River Rd over I-75



Kalkaska Crew US-131 NB over 12 3/4 Rd



Kalkaska Crew US-131 NB over 12 3/4 Rd



Kalkaska Crew US-131 NB over 12 3/4 Rd



Kalkaska Crew US-131 NB over 12 3/4 Rd



Before



After



Kalkaska Crew M-66 over Clam River



Kalkaska Crew M-66 over Clam River



Kalkaska Crew M-66 over Clam River



Kalkaska Crew M-66 over Clam River



Before



After

Cost Comparison

MDOT Direct Forces vs Contracting

	MDOT - Direct Forces		
	Kalkaska	Atlanta North	Atlanta South
Wages	\$101,633	\$90,207	\$101,621
Equipment	\$81,514	\$126,284	\$141,537
CSS&M	\$3,794	\$3,946	\$31,477
Materials (Regionwide)	\$157,319		
Total Cost (Regionwide)	\$839,332		
	Estimated Contracting Cost**		
	Kalkaska	Atlanta North	Atlanta South
	\$1,161,584	\$2,110,599	\$1,810,347
Total Cost (Regionwide)	\$5,082,530		
Difference:	\$4,243,198		

** This is the estimated cost to contract the work that was completed by the North Region Bridge Crews. The 2023 Bridge Cost Estimate Worksheet unit prices were used to calculate the total cost of each project.

Thank You!

