

Michigan Infrastructure & Transportation Association January 20, 2021

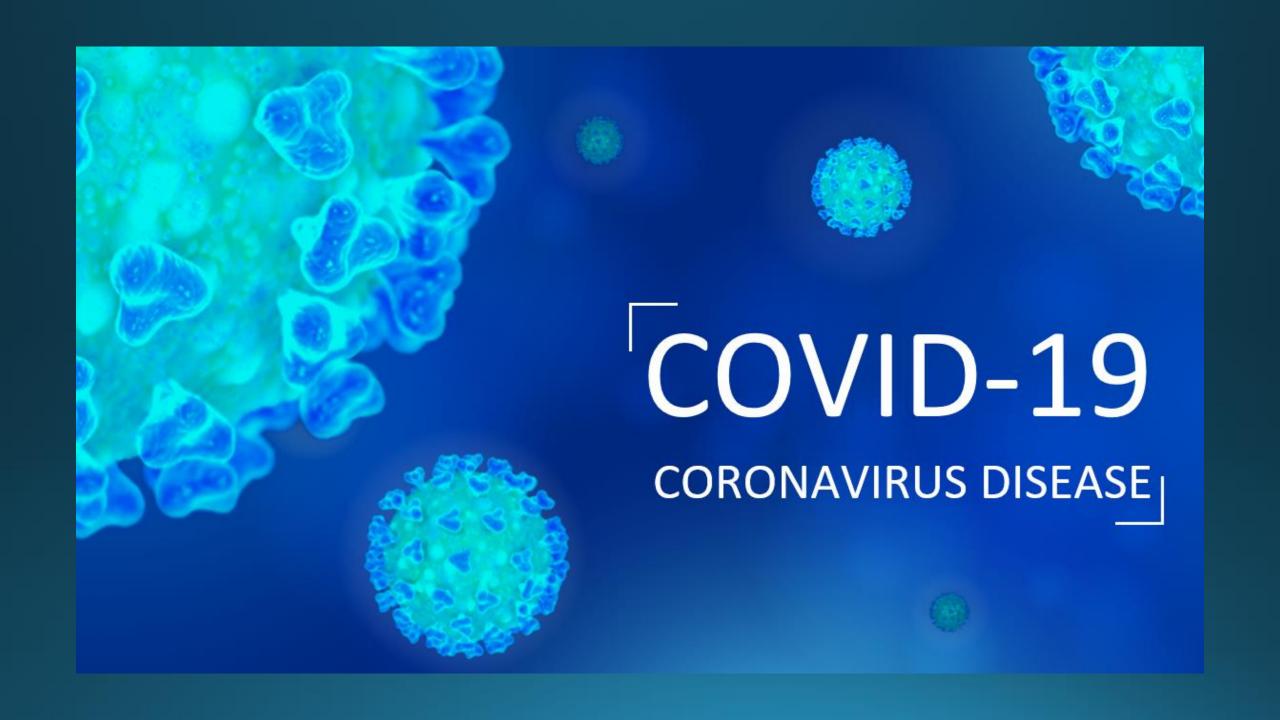
Director Paul C. Ajegba, P.E. Chief Operations Officer Tony Kratofil, P.E.

Today's Topics

2020 Historic Year

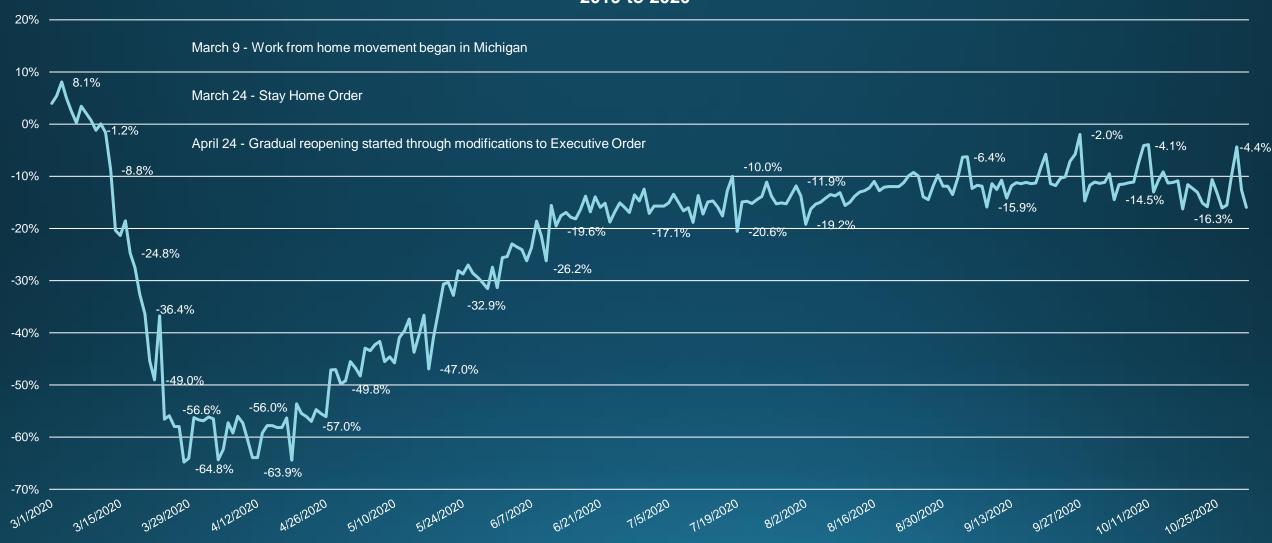
2020 Project Lettings/Rebuilding Michigan

Midland Flooding



Change in Statewide Daily Traffic Volumes

2019 to 2020



Source: MDOT Bureau of Transportation Planning - data from 108 continuous count stations around Michigan

Michigan State Police ticket driver going 180 mph on I-75 in Monroe County

-Detroit Free Press

Michigan State Police ticketed a driver for going 110 mph over the speed limit.

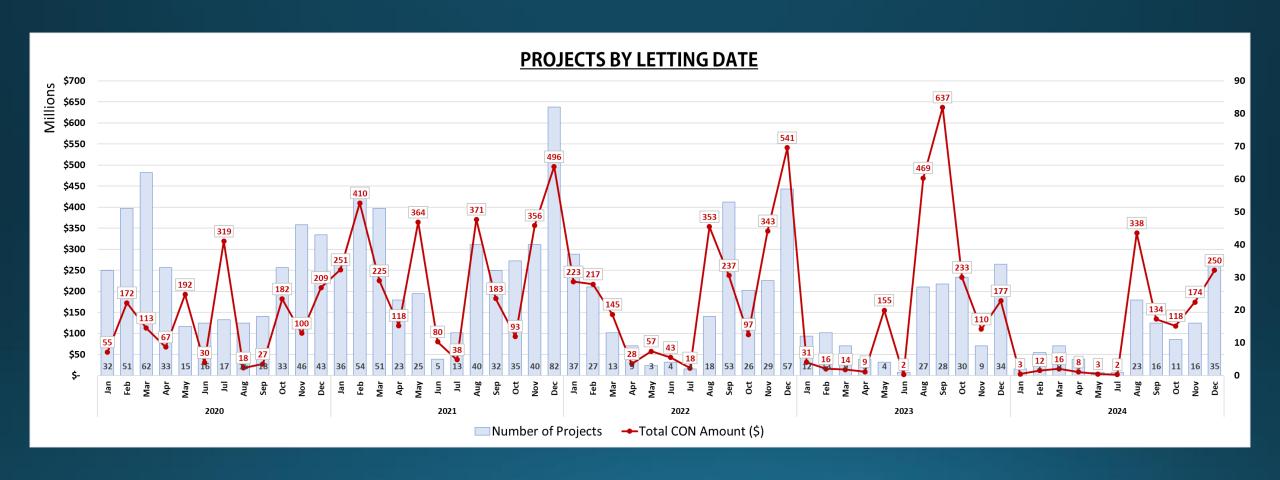
Police stopped the driver on southbound I-75 — a 70 mph highway — about 11:45 p.m. April 19 near Sigler Road in Monroe County's Berlin Township, said MSP First District Lt. Brian Oleksyk.

It's just one example of an increase in high-speed driving amid the novel coronavirus pandemic, Oleksyk said. Though police are limiting traffic stops right now out of concern for the spread of COVID-19, troopers are forced to make a stop when someone goes that fast, Oleksyk said. The driver puts themselves, everybody else on the road, and the officer trying to make the stop in danger, he said.

"If there was a crash, to me, there's only one outcome at that high of speeds, and that's death," he said.



Balanced Lettings



2021 Projected Lettings

07-Jan-21

Letting Month	Projects*	Construction Costs (\$ Millions)*
July, 2020	18	\$270.75
August, 2020	18	\$16.63
September, 2020	19	\$24.81
October, 2020	35	\$157.48
November, 2020	46	\$121.80
December, 2020	38	\$174.37
January, 2021	31	\$202.50
February, 2021	43	\$324.13
March, 2021	53	\$200.70
April, 2021	20	\$107.28
May, 2021	24	\$321.89
June, 2021	5	\$71.43
Total	350	\$1,993.77

^{*} This information represents the total number of projects and dollars scheduled to be let in a given month. Therefore the sum of values will not directly correlate to program year budgets, and this information is always subject to change.

Lettings by Region

(values in millions)

Trunkline By Region	FY 2017	FY 2018 *	FY 2019	FY 2020	2021**	Region Total	Five Year Ave.	
Bay	\$99.13	\$149.43	\$127.72	\$137.98	\$291.63	\$805.89	\$161.18	
Grand	\$95.68	\$125.15	\$115.99	\$107.96	\$204.80	\$649.58	\$129.92	
Metro	\$387.81	\$450.73	\$240.92	\$151.55	\$583.90	\$1,814.91	\$362.98	
North	\$59.55	\$55.15	\$82.86	\$109.50	\$106.33	\$413.39	\$82.68	
Southwest	\$46.83	\$61.77	\$120.46	\$402.49	\$255.45	\$887.00	\$177.40	
Superior	\$69.30	\$78.39	\$84.34	\$111.14	\$102.20	\$445.37	\$89.07	
University	\$152.90	\$171.20	\$191.13	\$96.81	\$449.45	\$1,061.49	\$212.30	
Program Total	\$911.20	\$1,091.82	\$963.42	\$1,117.43	\$1,993.77	\$6,077.64	\$1,215.53	

^{*}I-75 Design-Build jobs includes JN 201437 (\$281.9M), but not the DBFOM Job (201438)

^{**} Please note - 2021 Amounts are Programmed Values to Date. The year encompasses data from July of 2020 to June of 2021 to align with Construction year emphasis.

Quantity Values

Item	2021	2022								
HMA (Tons)	2,298,129	2,553,010								
Concrete (SYDs)	3,652,641	1,466,690								
\$ of Bridge Work (Millions)	\$282.10	\$268.15								
This information is draft & may change as program is developed.										

I-75 State Line to Erie, Monroe County

- Rebuilding of 5.06 miles of I-75 from the Ohio State line north to Erie Road, including bridge replacements, geometric improvements, median concrete barrier, and drainage improvements.
- Total Cost: \$115 million
- Work Completed in 2019: NB pavement, new structures, part width build of large box culverts



I-75 Segment 2

- Design-Build Project: 8.6 mi of design and build involving rebuilding and realignment of I-75 mainline and ramps including building a future High Occupancy Vehicle lane, replacement of (10) structures and rehabilitation of (1) structure, (2) Diverging Diamond Interchanges (DDI) and High Friction Surface Treatment in the cities of Troy and Madison Heights, Oakland County.
- Current Contract Amount: \$235,024,525.42
- Substantial Completion: April 2021





I-196

- Rebuild I-196 between Maryland Avenue and M-44 (East Beltline Avenue) and build two new bridges to reconfigure the I-96/I-196/M-44 interchange. The new configuration will create dedicated exit lanes from eastbound I-96 and I-196 to East Beltline Avenue.
- Total Cost: Approximately \$44 Million





Second Avenue over I-94 Bridge Build

- Network Arch Bridge
- Cost: \$25.6 Million
- 245 ft long by 96.5 ft wide by 44.5 ft tall
- Bridge will include 2 driving lanes with bike lanes, sidewalks, lighting, and planter boxes
- Currently being built off-site (WSU Parking Lot) Will be moved later into place (SPMT) in Spring 2021
- Target Completion in Fall 2021







East Grand Boulevard over I-94 Bridge Replacement

Cost: \$18 Million

Bridge will include 4 driving lanes with center median island, sidewalk, lighting, and planter boxes



Milwaukee Avenue over I-75 Bridge Replacement

Cost: \$8 Million

Bridge will include 2 driving lanes, sidewalks, and lighting



Mt. Elliot Avenue over I-94 Bridge Replacement

Cost: \$23 Million

 Bridge will include 4 driving lanes and 2 center turn lanes with sidewalks and lighting



Contract 77023-80912: I-69; 11.04 miles of concrete pavement, St. Clair County

Design Consultants: MDOT Metro Region Design (Road) and MDOT Central Office

Design (Bridge)

Contractor: Dan's Excavating

Original Contract Value: \$47,365,476.87

Final Contract Value: \$45,595,248.73

Savings: 3.74 percent

Contract 65041-125856:I-75, Design-Build Project, 6.81 Miles of pavement, Ogemaw County

Design Consultants: Ajax Paving and Bergmann Associates

Contract Dev't: AECOM (Owner's Rep) and MDOT

Original Contract Value: \$21,837,388.38

Final Contract Value: \$21,465,021.32

Savings: 1.71 percent

Contract 63174-115576-2: I-75, Phase 1, Design-Build Project, 3.08 miles pf pavement,

Oakland County

Design Contractors: Dan's Excavating and AECOM

Contract Dev't.: WSP (Owner's Rep) and MDOT

Original Contract Value: \$90,870,500.00

Final Contract Value: \$88,739,727.89

Savings: 2.34 percent

Contract 41133-119012: US-131, 3.64 miles HMA reconstruction and bridge work, Kent

County

Design Contractor: Benesch

Contractor: DJ McQuestion & Sons, Inc.

Original Contract Value: \$21,706,135.32

Final Contract Value: \$21,342,036.66

Savings: 1.68 percent

Contract 58152-110616: I-75, 5.6 miles of concrete pavement, Monroe County

Design Contractors: HNTB Road Lead, Bergmann Associates Bridge Lead

Contractor: Dan's Excavating

Original Contract Value: \$101,790,104.57

Final Contract Value: \$99,428,293.17

Savings: 2.32 percent

Contract 73111-106858: I-75, 3.75 miles of concrete pavement, Saginaw County

Design Contractors: MDOT Bay Region Design (Road) and Tetra Tech (Bridge)

Contractor: Ajax Paving

Original Contract Value: \$45,970,244.59

Final Contract Value: \$45,576,853.52

Savings: 0.86 percent

Contract 23081-130052, I-496 Design – Bid – Build, 5.5 mile reconstruction

Design: Internal MDOT Design (road) RS Engineering (bridge) Fishbeck (culvert)

Contractors: D.J. McQuestion & Sons

Original Contract Value: \$52,232,908,33

Final Contract Value: \$47,817,642.22

Savings: 8.45 percent

Contract 82024-113553, I-94 Design – Bid – Build, Bridge reconstruction and rehab,

Cass Ave, Grand River and Third Street over I-94

Design: Cass Ave – AECOM, Grand River – Tetra Tech, Third St– In House

Contractors: Toebe Construction

Original Contract Value: \$32,858,656.28

Final Contract Value: \$29,862,539.01

Savings: 9.12 percent

Rebuilding Michigan Bond Financing & Five-Year Highway Program Construction



By Fiscal Year



Rebuilding Michigan

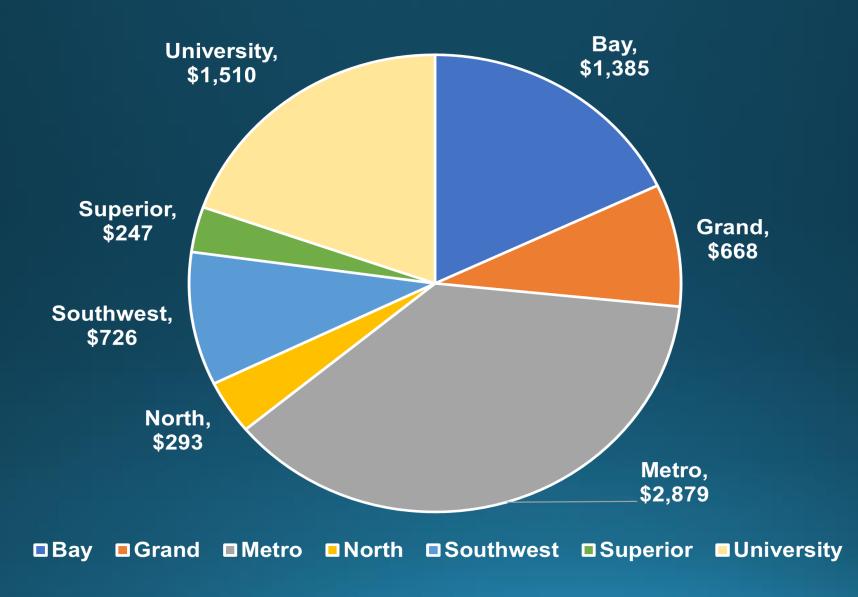


Highway Program Investment FY2020-2025 (in millions)



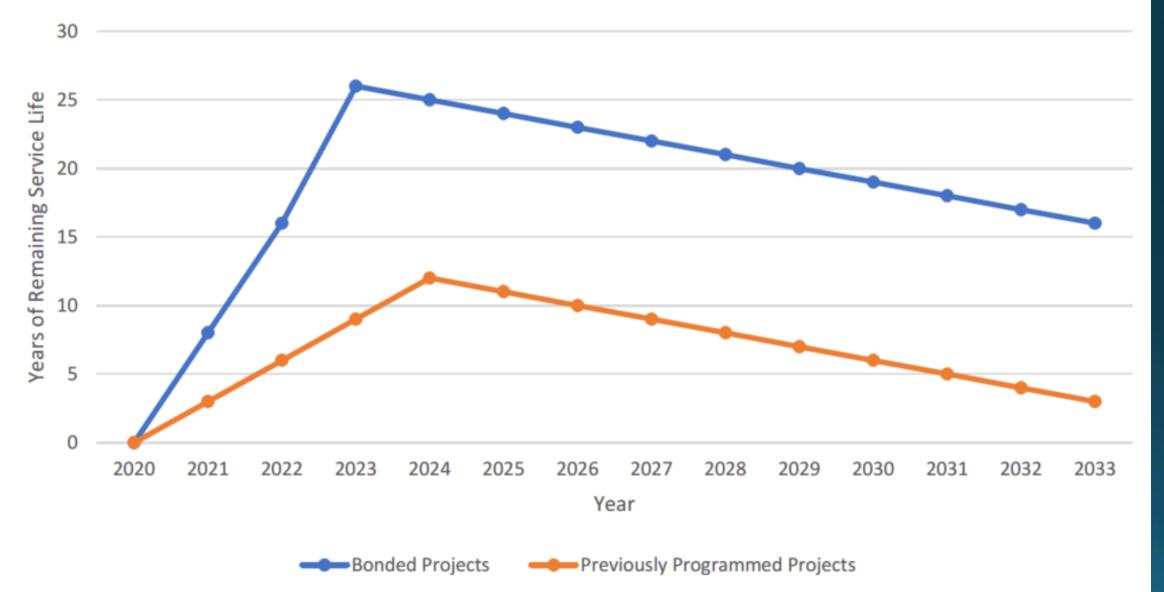
Total 2021-2025 Five Year Construction Plan \$7.70B





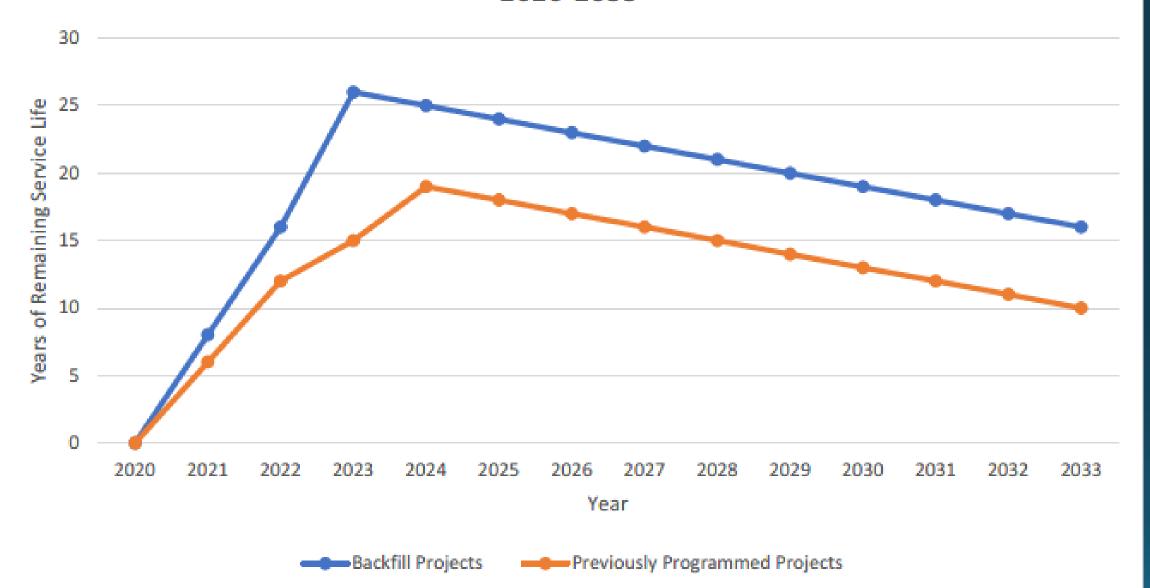
Pavement Life Cycle Comparison Rebuilding Bonded Projects vs Previously Programmed Projects 2020-2033





Pavement Life Cycle Comparison Rebuilding Backfill Projects vs Previously Programmed Projects 2020-2033

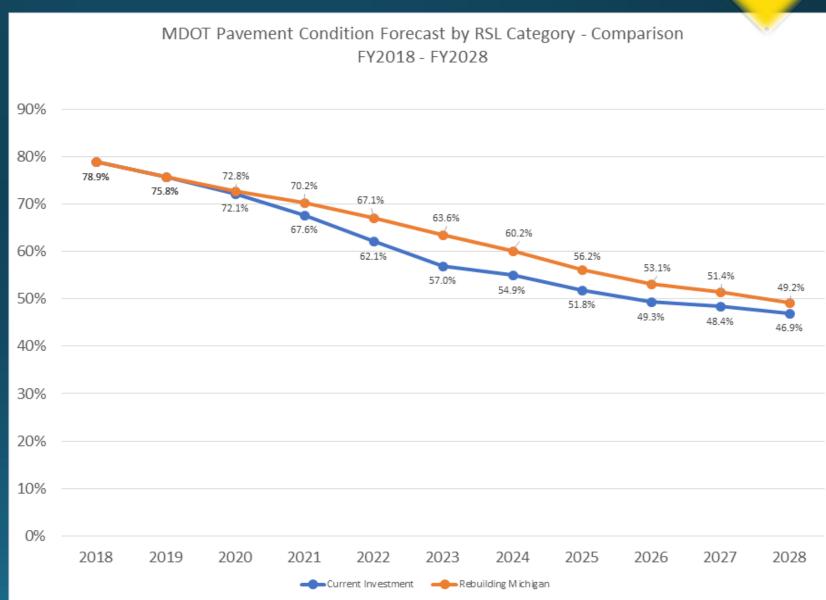




Rebuilding Michigan



- The revised plan forecast is over 6.5% better than current investment
- With bonding, MDOT will rebuild 569 more lane miles than currently planned
- The bond financed projects, both rebuilds and rehabilitations, will address just over 1,000 lane miles
 - Impacting over 62,000
 vehicles per day per project or
 approximately 3 million
 vehicles per day



FY20 Projects Utilizing Bond Funds

Job # or package name	Region	Major Route (Report)	Location (Report)	Engineer Estimate	Low Bid	Savings*	Percentage
130052	University	I-496	I-96 to Lansing				
			Road	\$52,232,908.33	\$47,817,642.22	-\$4,415,266.11	-8.45%
DB I-69	SW/Uni.	I-69	I-69 Corridor	\$214,129,045.00	\$210,180,169.69	-\$3,948,875.31	-1.84%
I-94/US-31	Southwest	I-94 & US-31	Berrien County				
				\$133,130,299.00	\$121,483,900.00	-\$11,646,399.00	-8.75%
I-94	University	I-94	I-94 Near				
Jackson			Jackson	\$97,350,893.92	\$117,137,913.01	\$19,787,019.09	20.33%
					Total Savings*	-\$223,521.33	

^{*} Savings relates to all JNs within the contract, not just bond savings

1-496

- 7.2 miles of full depth rebuilding of the roadway (includes ramps) with preventative maintenance bridge work on 14 bridges and completing operational improvements to the interchanges.
- Total cost: \$60 Million
- Open to traffic on November 11, 2020







Midland County Dam Failures and Flooding





M-30 at Edenville



US-10 Completion



"Following this historic flooding, I asked MDOT to make reopening roads and bridges a top priority," said Governor Gretchen Whitmer. "Given the importance of US-10 to the region's economic vitality, I want to thank Director Paul Ajegba, his team and the workers who repaired the bridge so quickly."

Midland Contractors

Cleared Debris

Contractor: Fisher Contracting

Duration: 5 weeks

Cost: \$1,419,043 (at Tittabawassee River and Wixom Lake)

US-10 at Sanford Lake

Contractor: Fisher Contracting

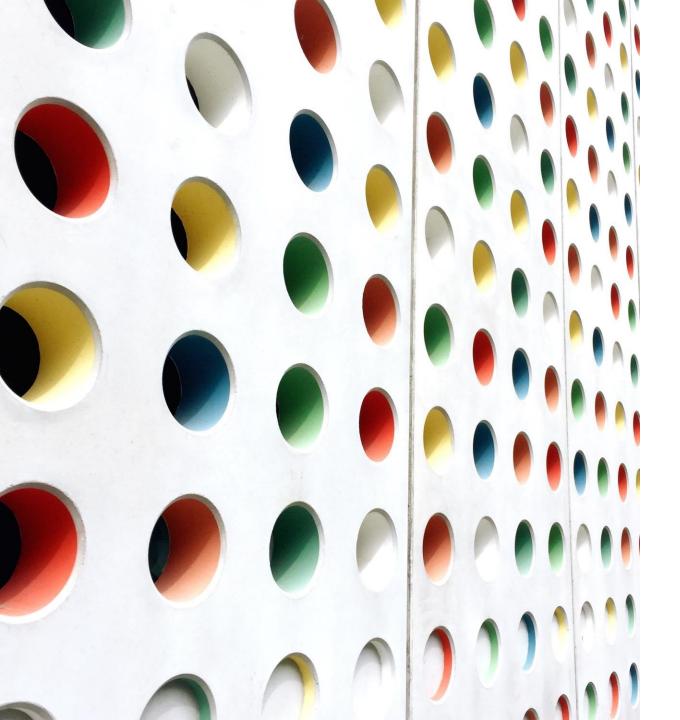
Duration: 5 weeks (8.5 weeks for weir portion only)

Cost: \$2,185,301 (includes sheeting weir for headcutting mitigation)

M-30 at Tittabawassee River

Contractor: Fisher Contracting

Duration: 7 weeks Cost: \$1,139,555



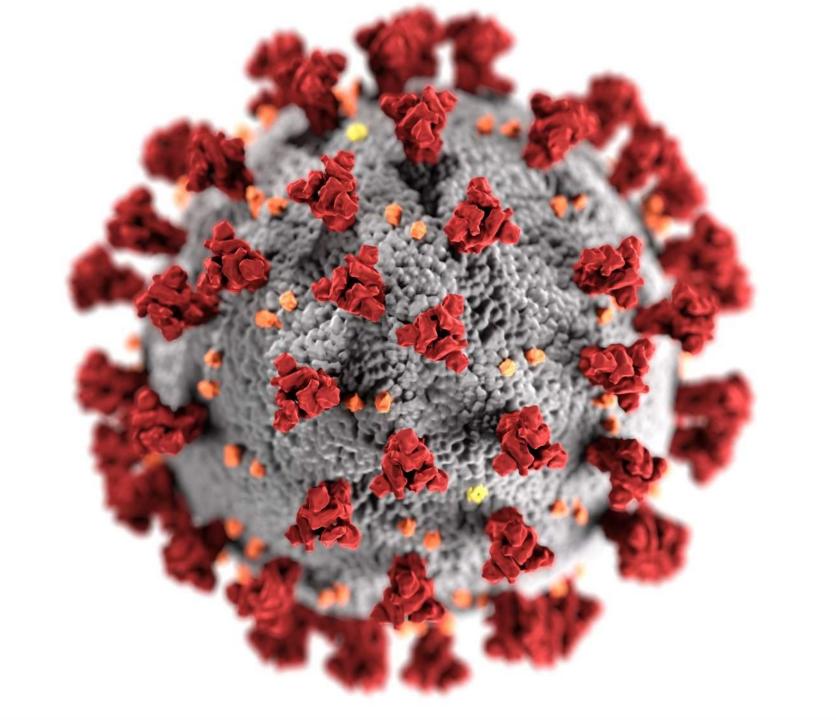
Working With Industry to Rebuild Michigan Safely

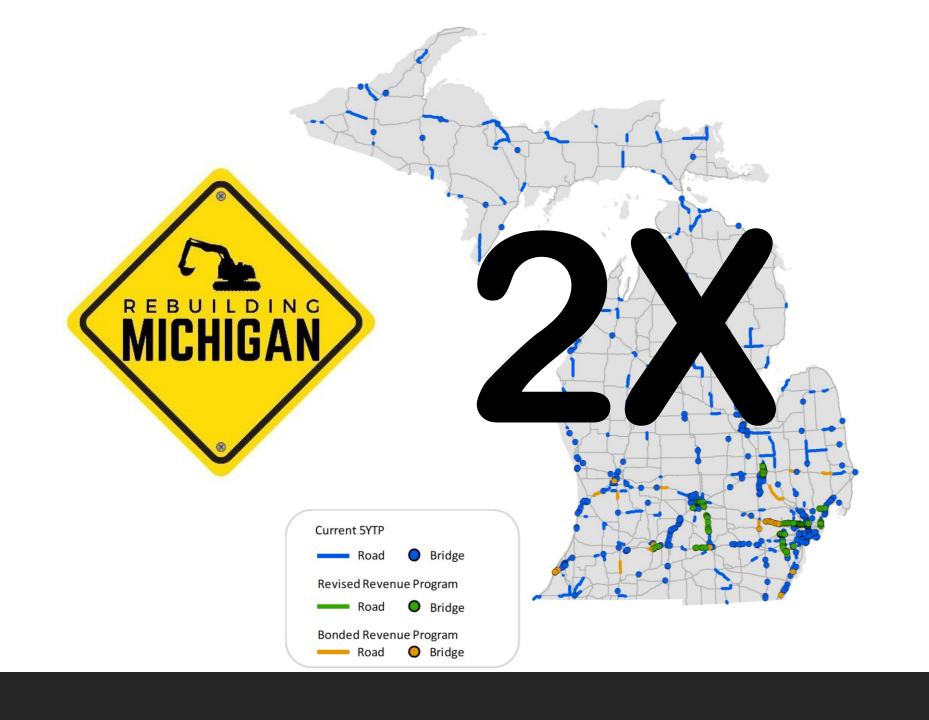
MITA ANNUAL MEETING

JANUARY 20, 2021

TONY KRATOFIL, PE

CHIEF OPERATING OFFICER & CHIEF ENGINEER





CALENDAR 2021

JAN	IUAI	RY 20	21				FEI	BRUA	RY 2	2021					MA	RCH	2021				
М	Т	W	T	F	S	S	M	T	W	Ŧ	F	S	S		М	T	W	T	F	S	S
				1	2	3	1	2	3	4	5	6	7		1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14		8	9	10	11	12	13	1
11	12	13	14	15	16	17	15	16	17	18	19	20	21		15	16	17	18	19	20	2
18	19	20	21	22	23	24	22	23	24	25	26	27	28		22	23	24	25	26	27	2
25	26	27	28	29	30	31									29	30	31				
API	RIL 2	021					MA	¥ 20	21						JUI	NE 20	021				
М	Т	W	Т	F	s	S	M	Т	W	т	F	S	S		M	Т	W	Т	F.	s	S
			1	2	3	4						1	2			1	2	3	4	5	6
5	6	7	8	9	10	11	3	4	5	6	7	8	9		7	8	9	10	11	12	. 1
12	13	14	15	16	17	18	10	11	12	13	14	15	16		14	15	16	17	18	19	2
19	20	21	22	23	24	25	17	18	19	20	21	22	23		21	22	23	24	25	26	2
26	27	28	29	30			24	25	26	27	28	29	30		28	29	30				
							31														
JUI	Y 20	21					AU	AUGUST 2021							SEPTEMBER 2021						
M	Ť	W	Т	F	S	S	M	Т	W	Т	F	S	S		М	T .	W	T	F	S	S
			1	2	3	4							1				1	2	3	4	5
5	6	7	8	9	10	11	2	3	4	5	6	7	8		6	7	8	9	10	11	1
12	13	14	15	16	17	18	9	10	11	12	13	14	15		13	14	15	16	17	18	1
19	20	21	22	23	24	25	16	17	18	19	20	21	22		20	21	22	23	24	25	2
26	27	28	29	30	31		23	24	25	26	27	28	29		27	28	29	30			
							30	31													
OCTOBER 2021						NO	NOVEMBER 2021							DECEMBER 2021							
М	T	W	Ŧ	F	S	S	M	Т	W	T	F	S	S		M	T	W	T	F	S	S
				1	2	3	1	2	3	4	5	6	7				1	2	3	4	5
4	5	6	7	8	9	10	8	9	10	11	12	13	14		6	7	8	9	10	11	1
11	12	13	14	15	16	17	15	16	17	18	19	20	21		13	14	15	16	17	18	1

27 28 29 30 31

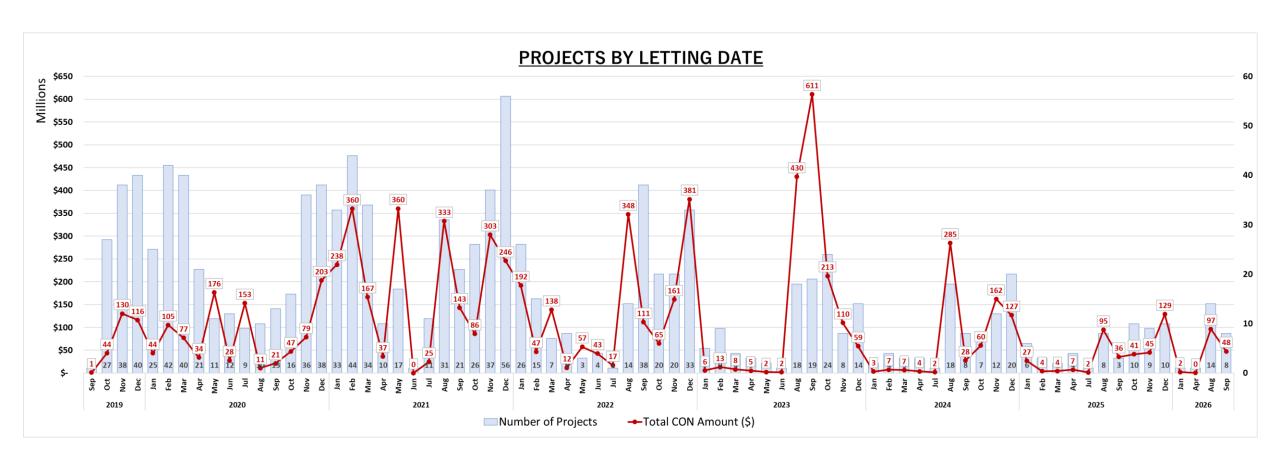
CALENDAR 2021

JANUARY 2021								FEBRUARY 2021									MARCH 2021							
M	Т	W	T	F	S	S		M.	Т	W	T	F	S	S		М	T	W	T	F	S	S		
				1	2	3		1	2	3	4	5	6	7		1	2	3	4	5	6	7		
4	5	6	7	8	9	10		8	9	10	11	12	13	14		8	9	10	11	12	13	14		
11	12	13	14	15	16	17		15	16	17	18	19	20	21		15	16	17	18	19	20	21		
18	19	20	21	22	23	24		22	23	24	25	26	27	28		22	23	24	25	26	27	28		
25	26	27	28	29	30	31										29	30	31						
AP	RIL 2	021						MA	¥ 20	21						JUI	NE 20	021						
М	Т	W	T	F	s	s	1	м	T	W	T	F	S	S		M	Т	w	Т	F.	S	s		
			1	2	3	4							.1	2			1	2	3	4	5	6		
5	6	7	8	9	10	11		3	4	5	6	7	8	9		7	8	9	10	11	12	13		
12	13	14	15	16	17	18		10	11	12	13	14	15	16		14	15	16	17	18	19	20		
19	20	21	22	23	24	25		17	18	19	20	21	22	23		21	22	23	24	25	26	27		
26	27	28	29	30				2.		26	27	28	2	80			29							
					4							4	47	-										
										8),														
JU	LY 20					U			SIL	202	1					ST	EN	BER	/ /2	1				
М	т	w	т	F	S	5		м	-	w	т	F	s	S		M	Т	w	Ţ	F	s	s		
			1	2	3	4								1				1	2	3	4	5		
5	6	7	8	9	10	11		2	3	4	5	6	7	8		6	7	8	9	10	11	12		
12	13	14	15	16	17	18		9	10	11	12	13	14	15		13	14	15	16	17	18	19		
19	20	21	22	23	24	25		16	17	18	19	20	21	22		20	21	22	23	24	25	26		
26	27	28	29	30	31			23	24	25	26	27	28	29		27	28	29	30					
								30	31															
OCTOBER 2021								NOVEMBER 2021								DECEMBER 2021								
М	T	W	T	F	S	s		М	T	w	T	F	s	S		М	T	W	T	F	s	s		
101		"		1	2	3		1	2	3	4	5	6	7		144		1	2	3	4	5		
4	5	6	7	8	9	10		8	9	10	11	12	13	14		6	7	8	9	10	11	12		
-4	0	0		0	3	10		U	9	10	11	12	10	1-4		0	•	0	9	10		12		

15 16 17 18 19 20 21

22 23 24 25 26 27 28 20 21 22 23 24 25 26

27 28 29 30 31



Rebuilding
Michigan
doubled the
program

Accelerated letting schedule
Aug -> Dec

Addressing Work Zone Safety



COVID-19
Pandemic
telework
furloughs
hiring freeze

Unpredictable revenue, budget & spending restrictions

DBE Goal Attainment Challenges

2021 Significant Projects 07-Jan-21

Major CS	Route	Location	Major Work Description	HMA (Tons)	Conc (Syds)	Region	Letting
39022	I-94	East of Lovers Lane to East of Portage Road	210-Addition Of One Or More Lanes Over 0.5 Mi	19,397	107,085	Southwest	2/5/2021
39022	I-94	Portage Road to Sprinkle Road	210-Addition Of One Or More Lanes Over 0.5 Mi	0	76,500	Southwest	2/5/2021
03034	I-196 S	From 130th Avenue north to US-31	160-Reconstruction	111,728	211,485	Grand	2/5/2021
52042	US-41/M-28	from Front St to County Rd HQ	684-Mill and Two Course HMA Overlay	35,808	0	Superior	3/5/2021
31051	US-41	from Macinnes Drive to Isle Royal St.	164-Asphalt Reconstruction	10,949	0	Superior	3/5/2021
25084	I-69	Fenton Road to M-54	160-Reconstruction	20,836	196,985	Bay	3/5/2021
82293	I-275 S	S. of M-153 to 5 Mile Road	160-Reconstruction	124,472	20,642	Metro	5/7/2021
82292	I-275 S	Northline Road (S. of I-94) to M-153	160-Reconstruction	1,410	653,839	Metro	5/7/2021
82293	I-275 S	5 Mile Road & Six Mile Road over I-275 & SB to EB I-96 over I-275	424-Overlay - Deep	0	600	Metro	5/7/2021
82102	M-14 E	13 structures on I-275 from 5 Mile to Ford Rd.	418-Overlay - Epoxy	0	0	Metro	5/7/2021
82293	I-275 S	I-275 NB & Collector over M-14, I-275 SB over Schoolcraft	130-Deck Replacement	0	0	Metro	5/7/2021
82293	I-275 N	3 Railroad structures carrying I-275 over CSX RR	424-Overlay - Deep	0	0	Metro	5/7/2021
33044	I-496 E	Lansing Road to the Grand River	160-Reconstruction	0	0	University	6/4/2021
		<u>.</u>		.	<u>U</u>		

Note: Information as of 07-Jan-2021; subject to change.

Projects represent approximately \$943.70 million of work.

2021 Quantity Report 07-Jan-21

This information is draft and may change as the program continues to be developed. This is developed from a listing of job numbers.

	2020					2021							
Туре	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	YEAR TOTAL
HMA (tons)	234,250	37,018	76,036	89,012	257,554	358,238	330,322	471,969	251,877	52,689	139,164		2,298,129
Concrete (SYDS)	466,378		1,336	17,341	31,841	30,411	1,666,734	398,368	313,211	19,639	707,382		3,652,641
Bridge work (\$M)	\$16.46	\$2.07	\$3.95	\$23.41	\$19.08	\$62.44	\$16.38	\$59.05	\$44.09	\$11.60	\$16.58	\$7.00	\$282.10
Beams Steel (LBS)					240,130	2,420,500		2,646,454					5,307,084
Beams Conc (LFT)				408	6,174	4,997		4,075	1,146				16,800
Aggregate (TONS)	870	5,437	11,276	25,674	127,369	8,522	27,922	16,125	8,048				231,243
Aggregate (SYDS)	569,378	967	1,023	62,829	131,606	376,367	412,649	517,431	313,659	3,991	1,425,418		3,815,318
Aggregate (CYDS)	100	4		636	2,283	1,177	1,001	23,059	17,896				46,156
Subbase (CYDS)	248,750		402	19,318	95,613	172,561	284,592	199,897	164,506	25,685	8,471		1,219,795



Progress & Immediate Look Ahead

Route	Location	Work Type	Letting
I-496	I-96 to Lansing Road	Reconstruct	2020 Feb
I-94	At US-31	Reconstruct (Design/Build)	2020 Jun
I-69	I-94 to Island Hwy	Reconstruct	2020 July
I-94	At Elm, Lansing Rd, and West Ave	Reconstruct (Design/Build)	2020 Oct
I-69	Cox Doty Drain to M-19	Reconstruct	2021 Jan
I-196	From 130th Avenue north to US-31	Reconstruct	2021 Feb
M-59	Romeo Plank to I-94	Reconstruct	2021 Feb
I-69	Fenton Road to M-54 & I-475 Interchange	Reconstruct	2021 Mar
I-69	I-96 to Airport Road	Reconstruct	2021 Apr
I-275	Northline Road (S/I-94) to 5 Mile Road (N/M-14)	Reconstruct	2021 May
I-69	M-24 to Lake George Road	Reconstruct	2021 Aug
I-96	I-275 to Kent Lake Road	Reconstruct & Flex Route	2021 Aug
I-496	Lansing Road to the Grand River	Reconstruct (Design/Build)	2021 Aug
I-75	Newport Road over I-75, Monroe County	Bridge Replacement	2021 Aug
US-31	From I-196 north to Central Avenue	Reconstruct	2021 Sept
I-75	M-15 to Oakland County Line	Rehab & Resurface	2021 Sept
I-696	I-275 to Lahser	Reconstruct	2021 Nov
US-127	Ingham/Jackson County Line to M-36	Rehab & Resurface	2021 Nov
I-196	From Byron Road east to 32nd Avenue	Reconstruct	2021 Dec
I-94	Michigan Avenue to M-60	Reconstruct	2021 Dec
I-75	Erie Rd to Otter Creek	Reconstruct	2022 Feb
I-94	I-94 BL (Exit 23) to the St. Joseph River	Reconstruct	2022 Mar
US-131	M-216 north to U Avenue	Major Rehab	2022 May



• Final draft posted for use:

www.michigan.gov/mdot Publications

- Printed copies expected early summer 2021
- Effective with August 2021 lettings



2020

Michigan
Standard Specifications
For
Construction



February Webinar Series

February 10th, 9:00 am MDOT Innovative Contracting Session

Speakers - Ryan Mitchell, James Ranger, Dharmesh Valsadia and Mark Dubay

February 17th, 9:00 am MDOT Bridge Update Session

Speakers - Bradley Wagner, Rick Liptak, and Marcia Yockey

February 24th, 9:00 am MDOT Work Zone Session

Speakers - Chris Brooks, Lindsey Renner, others TBD

>>> For more information, contact MITA <<<



Michigan STIC Members:

FHWA MDOT

MITA County Road Association

MCA Michigan Municipal League

APAM Michigan Planning Association

MRPA Michigan Legislature Members

MAA Michigan Association of Counties

ACEC Michigan Association of Drain Commissioners

STIC Highlights Workshop March 17, 2021 9:30-11:30 am

Series of 15 Minute Presentations on Innovative Products and Practices

Open to everyone

















Significant 2019-20 Accomplishments

- ✓ Established dialogue & relationship with Prosecutors' Association
- ✓ Improvements to MDOT Work Zone Safety & Mobility Manual & plan development process
- ✓ Expanded use of Alternate Technical Concepts (ATC) for Maintenance of Traffic
- ✓ Proposed concept for Safety Contingency Fund to be piloted in 2021
- ✓ Completed first and second industry-wide Work Zone Safety Perception Survey
- ✓ Developed "use statements" for high value safety technology/devices

- ✓ Proposed process of early industry review on constructability & safety to be piloted in 2020
- ✓ Initiated design & procurement of Work Zone Safety awareness trailer for education efforts
- ✓ Established social media presence &#WorkZoneWednesday industry-wide messages
- ✓ Held first-ever industry-wide work zone safety technology forum
- ✓ Encouraged safety moments in all project meetings





Modified Approach



- ✓ Vet ideas earlier and more thoroughly to avoid the frustration of going down a path that has pitfalls.
- ✓ Get more senior MDOT leaders buy-in and sponsorship of ideas to expedite and help navigate them to implementation.

Kim Webb – Aaron Johnson Gregg Brunner – Brad Wieferich Matt Chynoweth

Higher Urgency on Key Themes



Positive Protection



Night Work



High Risk Operations
(e.g. Set-ups & Stage Changes)



Enforcement



Temporary Rumble Strips



Truck Mounted Attenuators



Worker Training



Paul C. Ajegba, PE State Transportation Director

Tony Kratofil, PE MDOT Chief Operating Officer

Please type your questions into the Zoom Q&A Box.