

EATON COUNTY BOARD OF COMMISSIONERS

MEMBERS

Tim Barnes
Blake Mulder
Terrance Augustine
Brandon Haskell
Jeanne Pearl-Wright
Jane Whitacre
Mark J. Mudry
Joseph Brehler



MEMBERS

Brian Droscha
Dairus Reynnet
Wayne Ridge
Brian Lautzenheiser
Jim Mott
Jeremy Whittum
Barbara Rogers

1045 Independence Blvd, Charlotte, MI 48813

EATON COUNTY BOARD OF COMMISSIONERS/PUBLIC WORKS AND PLANNING COMMITTEE

WEDNESDAY, MARCH 10, 2021, 9:00 A.M.

TO BE HELD VIRTUALLY

AGENDA

1. Call to Order.
2. Pledge of Allegiance.
3. Agenda Additions and Changes.
4. Approval of February 10, 2021 Minutes.
5. Limited Public Comment.
6. Road Commission Semi-annual Update.
7. Eaton Conservation District Resource Assessment Survey.
8. Parks Report.
9. Construction Code Report.
 - City of Charlotte
10. DIA Update.
 - Department Update
 - Financial Report
11. Sustainability Steering Committee Update.
12. Community Development Report.
13. Landfill Update
14. Miscellaneous.
15. Limited Public Comment.

A quorum of the Board of Commissioners may be present at this meeting.

PUBLIC WORKS & PLANNING COMMITTEE

WEDNESDAY, FEBRUARY 10, 2021

9:00 A.M.

MINUTES

MEMBERS PRESENT: Commissioners Brian Lautzenheiser, Jim Mott, Terrance Augustine, Joseph Brehler, Blake Mulder, Barbara Rogers and Jane Whitacre

ALSO PRESENT: Commissioner Jeremy Whittum, Donna Webb, Sue Spagnuolo, Troy Stowell, Gene Bryan, Morgan Feldpausch, Claudine Williams and John Fuentes

The Public Works and Planning Committee met in virtual session on February 10, 2021 as permitted by PA 228 of 2020, as amended. The members made an announcement of the location from which they are attending remotely as follows:

Commissioner Lautzenheiser, their residence in the City of Charlotte, Eaton County, MI
Commissioner Mott, their residence in Walton Township, Olivet, Eaton County, MI
Commissioner Rogers, their residence in Hamlin Township, Eaton County, MI
Commissioner Mulder, their second residence in Clare, Clare County, MI
Commissioner Brehler, their residence in the City of Lansing, Eaton County, MI
Commissioner Augustine, their residence in the City of Grand Ledge, Eaton County, MI
Commissioner Whitacre, their residence in Delta Township, Eaton County, MI

Chairperson Lautzenheiser called the meeting to order at 9:00 a.m.

The Pledge of Allegiance was given by all.

Commissioner Augustine moved to approve the agenda, as presented. Commissioner Rogers seconded. Motion carried by unanimous roll call vote.

Commissioner Mulder moved to approve the minutes of the January 13, 2021 meeting, as presented. Commissioner Mott seconded. Motion carried by unanimous roll call vote.

Donna Webb, EATRAN General Manager, was present to provide the agency's semi-annual update. It was reported that demand-response service is operating with vehicles at 50 percent seating capacity. Ridership has been increasing monthly since October 2020, however remains at approximately 52 percent of prior year levels. School routes remain limited with many schools still operating in a virtual environment. The Delta Township connector route remains suspended. Discussion held.

It was reported that the tri-county transit agencies have been discussing collaborative efforts related to COVID-19 vaccination transportation services. It was also reported that the agency is currently receiving federal CARES ACT funding to replace lost operating revenues. A portion of this federal funding will be utilized to convert the remainder of the bus fleet to utilize propane fuel. Discussion held.

There was also discussion regarding the status of regional coordination of public transportation services, beyond the current efforts discussed previously surrounding vaccination transportation services.

Sue Spagnuolo, Eaton Conservation District, was present to discuss the District's upcoming Resource Assessment Survey. The District is required to conduct a community survey every five years. There was discussion regarding the survey development and content, related to service needs and potential funding sources. Further discussion held.

Troy Stowell, Parks Director, was present to provide the Department's monthly update. It was reported that the Department of Natural Resources has approved the Parks Master Plan. An update was also provided on the scheduled improvements at the Parks. There was also discussion regarding the County's involvement in the USDA Non-Motorized Trail Technical Assistance grant.

The Parks Commission is planning a dedication ceremony in the spring for the memorial bench for former Commissioner Roger Harris at Crandell Park.

Gene Bryan, Construction Code Enforcement Director, was present to provide the Department's monthly update. The monthly permit inspection and housing start data was distributed and discussed. It was also reported that the City of Charlotte is considering turning its building code enforcement jurisdiction over to the County due to the upcoming retirement of its Building Official. Discussion held. An update will be provided at the Committee's next regular meeting.

A preliminary draft of a customer satisfaction survey for use in the Construction Code Enforcement Department was distributed. The online survey instrument, based on the draft questions, is in development for use in the near future.

Morgan Feldpausch, Resource Recovery Coordinator, was present to provide the monthly update on behalf of the Designated Implementing Agency. An update was provided on the waste hauler license renewal applications and Solid Waste Alternative Grant Reporting. The dates for 2021 collection events were provided.

There was discussion regarding the 2021-2022 Battery Collection program vendor contracts. An update on the resolution of an identified billing error will be provided at the Committee's next regular meeting with a recommendation for the contract award based on the submitted proposals. Discussion held.

Mr. Fuentes provided an update on the activity of the Sustainability Steering Committee.

Claudine Williams, Community Development Director, was present to provide the Department's monthly update.

It was reported that the Board's appointment of Rob Piercefield to the Zoning Board of Appeals needed to be re-addressed, as Mr. Piercefield is not eligible for appointment because he resides in the Village of Mulliken which is not subject to county zoning. As a result of this, Chairman Whittum contacted Charamy Cleary to discuss her interest in filling the vacancy. Ms. Cleary previously served on the Zoning Board of Appeals. Chairman Whittum indicated Ms. Cleary remained interested in being appointed. Discussion held.

Commissioner Augustine moved to recommend the appointment of Charamy Cleary to the Zoning Board of Appeals for the remainder of a three-year term, expiring December 31, 2023. Commissioner Brehler seconded. Motion carried by unanimous roll call vote.

There was no limited public comment.

Chairperson Lautzenheiser adjourned the meeting at 10:53 a.m.

The next regular meeting of the Public Works and Planning Committee will be held on Wednesday, March 10, 2021 at 9:00 a.m.

Brian Lautzenheiser, Chairperson

Eaton Conservation District Natural Resource Assessment Survey

The Eaton Conservation District (ECD) was founded July 7, 1946 . Upon formation, the District set forth goals to remediate soil erosion. Today, ECD continues to meet foundational agriculture goals while also expanding services related to other forms of natural resource conservation. Every five years, ECD asks for your feedback about natural resources and conservation in our county. This survey helps us prioritize resources for the most important needs identified by our residents, helping us to educate, promote, and implement voluntary conservation. All responses will be anonymous. Please complete the survey as soon as possible. Contact us at 517-543-1512 x 5 with any questions.

1. The mission of Eaton Conservation District is to promote and encourage cooperation with other individuals, groups, organizations, or agencies in an organized effort to conserve and improve the natural resources in Eaton County. Some of the ways we do this is through our MAEAP program, Michigan Arbor Day Alliance program, MI Water Stewardship program, MM-CISMA, Spring Tree Sale, Partnerships with local and state conservation groups and Community Outreach Programs like Science Adventure Camp and River Conservation Day. How effective do you feel Eaton CD has been in fulfilling it's mission?

Mark only one oval.

- ☐ Very Effective
- ☐ Effective
- ☐ Somewhat Effective
- ☐ Minimally Effective
- ☐ I'm not familiar with Conservation Districts
- ☐ Other: _____

2. Which source do you use the most to keep informed about news and information relating to natural resource issues in Eaton County?

Mark only one oval.

- ☐ The County Journal
- ☐ The Shopping Guide
- ☐ Facebook & Facebook Special Community Pages
- ☐ Local Government Meetings
- ☐ Eaton CD's e-newsletter
- ☐ Word of Mouth
- ☐ Eaton CD's website
- ☐ Other: _____

3. Please check the top five natural resource issues that you think are of concern in Eaton County and should be made a priority in the next five years.

Check all that apply.

- ☐ Wildlife & Habitat (including pollinators)
- ☐ Drinking water/groundwater
- ☐ Impaired Rivers/lake (e-coli, sediment, nutrient overload, invasive species)
- ☐ Soil Erosion
- ☐ Invasive species (aquatic & terrestrial) , management and treatment
- ☐ Urban forestry
- ☐ Native landscape, restoration, establishment, and management
- ☐ Water conservation (rain gardens, rain barrels, irrigation management)
- ☐ City/Village stormwater runoff
- ☐ Recreational/hunting access
- ☐ Trees/lawn care management
- ☐ Homeowner water stewardship
- ☐ Natural areas and open space preservation

Other: ☐ _____

4. What Township do you live in?

Check all that apply.

- ☐ Sunfield
- ☐ Roxand
- ☐ Oneida
- ☐ Delta
- ☐ Vermontville
- ☐ Chester
- ☐ Benton
- ☐ Windsor
- ☐ Kalamo
- ☐ Carmel
- ☐ Eaton
- ☐ Eaton Rapids Twp
- ☐ Bellevue Twp
- ☐ Walton
- ☐ Brookfield
- ☐ Hamlin
- ☐ City of Olivet
- ☐ Village of Bellevue
- ☐ City of Eaton Rapids
- ☐ Village of Dimondale
- ☐ Lansing
- ☐ Grand Ledge
- ☐ Village of Potterville
- ☐ City of Charlotte
- ☐ Village of Vermontville
- ☐ Mulliken
- ☐ Village of Sunfield

Other: ☐ _____

5. Check the top three agricultural/farmland priorities we should focus on in the next 5 years.

Check all that apply.

- ☐ Animal manure management
- ☐ Proper use and disposal of farm chemical/fertilizers
- ☐ Farmland preservation
- ☐ Pollinator/wildlife habitat
- ☐ Soil erosion/sediment
- ☐ Farmland water runoff/water quality
- ☐ Soil Health (education, protection)
- ☐ Regenerative Agriculture (cover crops, no-till, filter strips)
- ☐ Nutrient and Pest management
- ☐ Assist farmers in identifying and reducing risks (assist in implementing GAAMPs)
- ☐ Educate and encourage implementation of conservation practices

Other: ☐ _____

6. Choose the top 3 workshops, field trips, or presentations you would be interested in attending.

Check all that apply.

- ☐ Attracting Backyard Wildlife (birds, butterflies, bees, etc.)
- ☐ Trees
- ☐ Water quality and conservation
- ☐ Landowner property management (woodlot, soil, hunting)
- ☐ Wildlife Habitat (pheasant, deer)
- ☐ Invasive species management
- ☐ Agriculture (field days, conservation practices)
- ☐ Locally Grown Farm to Table events
- ☐ General local ecology workshops for children/adults
- ☐ Guided Hiking and Recreational Activities
- ☐ Nature programs for children
- ☐ Native Plants, wildflowers, pollinators
- ☐ Homeowner water stewardship
- ☐ Backyard Orchard/gardening

Other: ☐ _____

7. Select 3 natural resources you value most in Eaton County.

Check all that apply.

- ☐ Rivers, streams, lakes
- ☐ Parks, recreation sites
- ☐ Hiking, biking trails
- ☐ Agriculture land
- ☐ Hunting land
- ☐ State land

Other: ☐ _____

8. Would you like to receive emails from Eaton Conservation District about the results of this survey, events, programs?

Mark only one oval.

☐ Yes

☐ No

☐ Other: _____

9. Please enter your name and email address if you would like further correspondence (if you are already subscribed to our e-newsletter, you will continue to receive correspondence):

10. Based on your previous answers, what suggestions do you have as to how the Eaton Conservation District can better serve the people and natural resources of Eaton County in the next five years?

11. The District has experienced growth in education and outreach in agriculture, homeowner stewardship, native plants, invasive species, trees and Arbor Day, water quality (rivers, Crandall lake). Would you consider supporting the sustainability of Eaton Conservation District financially if that were to allow for more programing and grant opportunities?

Mark only one oval.

☐ Yes

☐ No

☐ Maybe

☐ Other: _____

12. If you could use any of the following methods to contact Eaton Conservation District, what would be your preference? Check all that apply.

Check all that apply.

- ☐ Email
- ☐ Phone
- ☐ SMS text message
- ☐ Visit the Office
- ☐ Social Media
- ☐ Website
- ☐ Instagram
- ☐ Twitter
- ☐ Postal mail

Other: ☐ _____

13. Which Social Media Platforms Do You Currently Use? Check all that apply.

Check all that apply.

- ☐ Twitter
- ☐ Instagram
- ☐ Facebook
- ☐ Pinterest
- ☐ YouTube
- ☐ None

Other: ☐ _____

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Google Forms



Eaton Conservation District

551 Courthouse Dr. Ste 3

Charlotte, MI. 48813

517-543-1512 x 5

www.eatoncd.org

March 8, 2021

Re: Regional Sustainability/Climate Planning Discussions

John,

In December 2020 the City of Lansing, E. Lansing, and MSU met to discuss climate planning and sustainability in general. This led to a kick-off meeting on Jan. 7, 2021 and the Regional Partner meeting I attended on February 5th. The notes I forwarded to you were from the Feb. 5th meeting. One of the subject areas discussed was the relationship between rural (farmers) and urban residents. There seemed to be interest in more work done here and the conservation districts were mentioned in being a valuable partner in this focus area if it becomes a subcommittee.

TCRPC is facilitating these discussions. The next meeting is going to be scheduled some time in April. I just wanted to let the BOC aware of this if they were not already in case somebody was interested in this very early stage of a Regional Partner Program.

Thank you,

Sue Spagnuolo

Executive Director

Eaton Conservation District



133 FITZGERALD PARK DR.
Grand Ledge, MI 48837
(517) 627-7351 office
(517) 627-4234 fax
www.eatoncountyparks.org

Eaton County Parks Commission
Directors Report – February 2021

Monthly Briefing

Social Media Efforts (per Month):

Facebook

Total Reach: 7,156
Post Engagements (shares/likes): 334
New Page Likes: 28

Instagram

Followers 392
Following 186

Seasonal Hiring Efforts

Parks is now accepting applications for seasonal employment opportunities. Starting wage is \$10.25 per hour for positions such as Operations, Mowing, Gate Attendants, and Recreational Programming.

Restore our Parks Meeting

The first Restore our Parks Committee met on the 15th with 9 attendees. Discussion regarding future endeavors, limiting factors and opportunities were held. A major focus of 2021 will be on advocacy messaging and branding.

Partnerships & Collaborations

Connecting Communities Collaborative – The regional trail group’s new moniker. The group continues to meet regularly to identify potential partners on an expanded group effort.

Grand Ledge Rotary – I attended and presented to the February 24 meeting for the Grand Ledge Rotary along with representatives from the Friends Group. The presentation focused on Covid’s impact on park attendance and operations and future endeavors. I also presented several volunteer opportunities (physical volunteer work and financial support)

City of Eaton Rapids – With the success of the ER Outdoor Recreation Center, a proposition to include Crandell Park as a trip opportunity was presented to City representatives. This concept will continue to be explored.

GL Church of the Nazarene – Fitzgerald Park will host the church’s annual Easter Egg Hunt on April 3, however as a drive through event. Our role will be to assist in event logistics. As a tradeoff, we will have the ability to set up a marketing/promotions station. The church will also conduct a volunteer service project sometime this spring.

April Grant Opportunities

AARP – We have had two unsuccessful application with this quick response grant to help rebuild the ledges staircase. An application is in development to address trail development at Crandell Park.

mParks Foundation – Up to \$2500 is available Grant monies which must be used for new equipment that will assist our community in providing recreational opportunities for individuals of all abilities. Staff is looking to install “Companion Swings” at Lincoln Brick Park.

Spring Development Updates/Plans – Ongoing

Crandell Parking Lot – Parking lot expansion continues to be the primary construction development project for the Department this spring. Talks and communication with both Crandell Trucking and Anderson Fisher on on-going concerning construction quotes and timeline.

Crandell Trail Development – Crandell Trucking has expressed interest in interior trail development. These talks are on-going.

Crandell Tree Planting – Staff is looking to spring grant opportunities for tree planting at Crandell Park.

Lincoln Brick Restroom Installation – New in ground vault style restroom is slated for a post May 1 delivery and installation at Lincoln Brick.

Parks and Recreation Regional Discussions

No February meetings of both the Southern Michigan Recreation and Parks Association (SMRPA), The Regional Director's Summit, and the Michigan Association of County Parks and Recreation Officials (MACPRO) were held as attendees participated in the mParks Conference.

Future Outlook

Areas of Focus:

- Re-visit County-Wide Non-Motorized Trail Development
- Programming Schedule w/ Crystal & Jackie
- Long Term Revenue Planning
- Capital Development Projects for FY 20/21
- 2021/2022 Budget Development

Respectfully Submitted,



Troy Stowell, Director
Eaton County Parks and Recreation

REVENUE

Code	Revenue Source	Annual Budget	Current Month	YTD Collected	% Collected	Accounts Receivable
208.600.752.651	Fitzgerald Park Gate Receipts	\$ 44,000.00	\$ 392.20	\$ 11,549.86	26%	
208.600.752.652	Fitzgerald Park Site Fees	\$ 10,000.00	\$ 880.00	\$ 1,500.00	15%	\$ 120.00
208.600.752.653	Recreation Programs	\$ 20,000.00	\$ -	\$ 2,650.96	13%	
208.600.752.654	Naturalist Programs	\$ 8,000.00	\$ 2,607.00	\$ 3,984.00	50%	
208.671.752.675	Donations	\$ 6,000.00	\$ -	\$ 75.00	1%	
208.600.753.651	Fox Park Gate Receipts	\$ 15,500.00	\$ 17.15	\$ 412.79	3%	
208.600.753.652	Fox Park Site Fees	\$ 2,000.00	\$ -	\$ -	0%	
General Revenue Total		\$ 105,500.00	\$ 3,896.35	\$ 20,172.61	19%	\$ 120.00
208.671.753.675.001	Donations - Private Grants	\$ -				
208.664.000.670.000	Rental Income	\$ 17,500.00				
208.580.000.580.000	Local Unit Contribution	\$ 38,000.00				
208.960.000.695.000	Fund Balance Carry Over	\$ 50,000.00				
208.960.000.699.101	Transfer In - County General Funds	\$ 571,451.00				
208.960.000.699.211	Transfer In - Special Projects	\$ -				
TOTAL REVENUE		\$ 782,451.00				

2019-2020			
Budget	Monthly	YTD	%YTD
\$ 46,000.00	\$ 780.20	\$ 5,636.95	12%
\$ 10,000.00	\$ 1,392.00	\$ 2,553.00	26%
\$ 20,000.00	\$ 30.00	\$ 2,049.96	10%
\$ 8,500.00	\$ 1,080.00	\$ 5,436.00	64%
\$ 6,000.00	\$ 100.00	\$ 100.00	2%
\$ 16,000.00	\$ 6.00	\$ 87.00	1%
\$ 2,000.00	\$ -	\$ 80.00	4%
\$ 108,500.00	\$ 3,388.20	\$ 15,942.91	15%

EXPENDITURES

Code	Account	Adopted Budget	Budget Amended	Encumbrances (PO's)	Current Month Transactions	Y-T-D Expenditures	Amended Budget Less YTD Expenses	YTD % Spent	Last Years Y-T-D Expenditures
208.751	Administration	\$ 275,567.00	\$ 275,567.00	\$ 0.00	\$ 17,670.26	\$ 112,356.65	\$ 163,210.35	40.77%	\$ 20,143.83
208.752	Fitzgerald Park	\$ 276,310.00	\$ 276,314.00	\$ -	\$ 17,845.00	\$ 91,878.18	\$ 184,435.82	33.25%	\$ 17,038.71
208.753	Fox Park	\$ 32,201.00	\$ 32,201.00	\$ 910.00	\$ 236.99	\$ 4,758.71	\$ 27,442.29	14.78%	\$ 107.49
208.754	Bellevue Area Parks	\$ 1,250.00	\$ 1,250.00	\$ -	\$ -	\$ 281.30	\$ 968.70	22.50%	\$ -
208.755	Lincoln Brick Park	\$ 34,124.00	\$ 34,124.00	\$ -	\$ 542.00	\$ 7,732.29	\$ 26,391.71	22.66%	\$ 119.02
208.756	Crandell Park	\$ 9,390.00	\$ 9,390.00	\$ -	\$ -	\$ 196.43	\$ 9,193.57	2.09%	\$ 175.00
208.901	Capital Equipment	\$ 135,100.00	\$ 135,100.00	\$ 59,700.00	\$ -	\$ 59,700.00	\$ 75,400.00	44.19%	\$ -
208.906	Debit Services	\$ 18,509.00	\$ 18,509.00	\$ -	\$ 1,542.10	\$ 7,710.50	\$ 10,798.50	41.66%	\$ 1,542.10
208.211	Transfer Out General Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	N/A	N/A
EXPENDITURES TOTAL		\$ 782,451.00	\$ 782,455.00	\$ 60,610.00	\$ 37,836.35	\$ 284,614.06	\$ 497,840.94	36.37%	\$ 39,126.15

LINCOLN BRICK

	Revenue Source		Current Month	YTD Collected		Accounts Receivable
	Gate Receipts		\$ 81.00	\$ 1,430.85		\$ 12.00
	Site Receipts		\$ 100.00	\$ 308.00		\$ 200.00
	Reimbursements/Donations		\$ -	\$ -		
	Residence		\$ 500.00	\$ 2,500.00		\$ 3,500.00
765.671.675.000	TOTAL REVENUE		\$ 681.00	\$ 4,238.85		\$ 3,712.00

2019/2020	
Monthly	Year to Date
\$ 108.95	\$ 617.01
\$ 280.00	\$ 985.00
\$ -	\$ -
\$ 500.00	\$ 2,500.00
\$ 888.95	\$ 4,102.01

765.007.001	Lincoln Brick Fund Balance:	\$ 109,456.24
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765.007.000	Lincoln Brick Perpetual Fund Balance:	\$ 67,286.37
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ACTION PLAN

Action items are action-oriented, specific in nature, and used as an organizational strategy to achieve the goals listed in the plan.

TABLE 20: EATON COUNTY PARKS & RECREATION DEPARTMENT ACTION PLAN 2021-2025

FACILITY	YEAR	ACTION PLAN ITEM	SOURCE OF FUNDING	GOAL
Fitzgerald Park*	Ongoing	Improve nature trails	County, MDNR	1, 5, 7
	Ongoing	Provide an accessible natural trail	County, MDNR	1, 5
	2022	Add pickleball courts to existing concrete pad.	County, MDNR	1
	2023	Improve canoe-kayak landing dock and portage around the dam	County, MDNR	1
	2023	Expand kids play areas and incorporate family play areas	County, MDNR	1, 5
	2023	Construct a universally accessible access site to the Grand River by replacing the Ledges Stairway Stairs	County, MDNR	1, 5
	2024	Improve accessibility of the restrooms	County, MDNR	1, 7
	2024	Pave parking areas	County, MDNR	1, 7
	2025	Design and develop an overlook providing views of the Grand River	County	1
	2025	Connect Fitzgerald Park to Lincoln Brick Park with the construction of a pedestrian bridge	County, MDNR	5
	TBD	Renovate and/or repurpose the Nature Center	County, MDNR	1, 6
	TBD	Acquire adjacent properties as they become available	County, MDNR	8
Crandell Park	2022	Design and construct a universally accessible paved multi-use trail around the lake	County, MDNR	1, 5
	2022	Develop a nature area and trail	County, MDNR	1, 5
	2022	Create a swimming beach	County, MDNR	1
	2022	Design and construct fishing piers	County, MDNR	1, 6
	2022	Design and develop picnic areas	County, MDNR	1
	2022	Design and construct a dog park	County, MDNR	1
	2022	Design and develop exercise stations on the trail	County, MDNR	1
	2023	Design and construct playground areas	County, MDNR	1
	2025	Relocate Parks Administrative Office	County	1, 2
	2025	Design and develop camping areas	County, MDNR	1
Lincoln Brick Park	Ongoing	Improve nature trails	County, MDNR	1, 5, 7
	2021	Design and construct new restroom facilities	County, MDNR	1
	2021	Design and install wayfinding signage and maps	County, MDNR	3
	2021	Design and install interpretive signage	County, MDNR	3
	2022	Install new Nature Play themed playground equipment	County, MDNR	1
	2022	Install new picnic shelter and scenic overlook	County, MDNR	1
	2023	Upgrade park road system and parking areas	County, MDNR	1, 7
	2023	Design and develop exercise stations on the trail	County, MDNR	1
	2024	Install a fishing pier at the quarry pond	County, MDNR	1
	TBD	Acquire adjacent properties as they become available	County, MDNR	8

*Note: Capital projects may change due to the legal boundaries of the park.

FACILITY	YEAR	ACTION PLAN ITEM	SOURCE OF FUNDING	GOAL
Fox Memorial Park	2021	Develop accessible routes to hiking/mountain bike trails	County, MDNR	1
	2021	Update the existing boardwalk system	County, MDNR	1
	2021	Design and install wayfinding signage and maps	County, MDNR	3
	2021	Design and install interpretive signage	County, MDNR	3
	2022	Add updated vault toilet facilities	County, MDNR	1, 7
	2022	Design and construct a universally accessible paved multi-use trail around the lake	County, MDNR	1
	2023	Add new picnic shelters	County, MDNR	1
	2024	Design nonmotorized access to the park from City of Pottersville's Lake Alliance Park	County, MDNR, MDOT	5
	2024	Design and construct a trailhead	County, MDNR	1
	2025	Resurface parking areas	County, MDNR	1, 7
	2025	Improve lake access	County, MDNR	1
	TBD	Establish or restore native habitat on the former landfill	County, MDNR	8
	TBD	Acquire adjacent properties as they become available	County, MDNR	8
Keehne & Butler Park	2023	Design and construct fishing piers and boardwalk	County, MDNR	1, 6
	2022	Design and install interpretive signage	County, MDNR	3
	2025	Improve picnic area	County, MDNR	1, 7
	2024	Resurface parking areas and launch	County, MDNR	1, 7
	2022	Design and install interpretive signage	County, MDNR	3
Trails	2023	Design and implement a County wide trail system in cooperation with surrounding municipalities	County, MDNR, MDOT	5
	2025	Acquire land and easements for trail development	County, MDNR	8
	2025	Design and construct trailheads at mutually acceptable locations	County, MDNR	1, 4, 5
	2025	Design and install wayfinding signage for the trail system; interpretive signage; mile markers; maps; directional signage	County, MDNR	3
	2025	Install site amenities at trail access points	County, MDNR	1
	Ongoing	Phasing of a riverwalk trail to connect to recreational amenities	County, MDNR, Municipalities	1
Blueways	2021	Design and install wayfinding signage for the blueway system and watersheds	County, MDNR	3
	2024	Design and construct access points to the Grand River	County, MDNR	1, 5

EATON COUNTY PARKS
NATURALIST / OPERATIONS MANAGER REPORT
February 2021
Jackie Blanc

Schedule of Meetings, Trainings and Events

02/02/21 mParks -Finding the Funny in Change
02/02/21 mParks-Activtites in a Pinch
02/02/21 mParks- Make it Stick! Make Your Trainings More Impactful
02/02/21 mParks - Everybody Plays: Best Practice Guide to Multigenerational Design
02/03/21 mParks- 3yr Nonstop Out in All 400+ National Park Service Sites
02/03/21 mParks- The Change Curve
02/03/21 mParks-Finding the Perfect Recipe For a High Moral Workplace
02/03/21 mParks-Bouncing Back form COVID: Adapt, Innovate and Overcome
02/03/21 Parks Commission Meeting
02/04/21 Staff meeting regarding snow removal, ledges stairs and brush piles
02/04/21 mParks-Future Professional Showcase/mParks organizational awards
02/04/21 mParks -Hitting the Target With Outdoor Archery Ranges
02/04/21 mParks- Leading With Health in Mind
02/04/21 mParks - How to Collaborate for Better Trails and Stronger Communities
02/05/21 MDNR Nature Center Summit-Michigan Birds: Status, Conservation and Action
02/05/21 MDNR Nature Center Summit-Kirtland's Warbler news
02/05/21 MDNR Nature Center Summit-"Fisheries Dynamics"how the Great Lakes are adapting to ecosystem changes
02/05/21 MDNR Nature Center Summit-Aquatic invasive species update
02/05/21 MDNR Nature Center Summit-"Mega Mammals" - an update on bear, wolf and cougar populations
02/05/21 MDNR Nature Center Summit-"Managing Michigan's Mystifying Mammals"-furbearers bobcat, fisher&more
02/05/21 MDNR Nature Center Summit-"Battle for the Bats" - latest news and research on white-nosed syndrome
02/05/21 MDNR Nature Center Summit-"Oh, Deer!" - managing Michigan's most popular wildlife resource
02/05/21 Naturlist Special Event, Fitzgerald,General Public, Illuminated Night X-Country Skiing and Snowshoeing
02/05/21 Naturalist Special Event, Fox Observatory, General Public, Astronomy Program/Public Viewing C
02/06/21 Naturlist Special Event, Fitzgerald,General Public, Illuminated Night X-Country Skiing and Snowshoeing
02/06/21 Naturalist Special Event, Fox Observatory, General Public, Astronomy Program/Public Viewing C
02/11/21 Friends Group Meeting
02/12/21 Naturlist Special Event, Fitzgerald,General Public, Illuminated Night X-Country Skiing and Snowshoeing
02/13/21 Naturlist Special Event, Fitzgerald,General Public, Illuminated Night X-Country Skiing and Snowshoeing
02/19/21 Naturalist Special Event, Fox Observatory, General Public, Astronomy Program/Public Viewing
02/19/21 Naturlist Special Event, Fitzgerald,General Public, Illuminated Night X-Country Skiing and Snowshoeing
02/20/21 Naturlist Special Event, Fitzgerald,General Public, Illuminated Night X-Country Skiing and Snowshoeing
02/20/21 Naturalist Special Event, Fox Observatory, General Public, Astronomy Program/Public Viewing
02/22/21 GLPTI-Approaches to Managing Small-Scale Wildlands in Parks
02/23/21 GLPTI-Lessions Learned form the COVID-19 Pandemic & How it May Impact Future Park Design and Use
02/23/21 GLPTI-Roving Interpation:Get ot Know Your Visitors While Proteting Your Resource
02/23/21 GLPTI-The Case for Coaching
02/24/21 GLPTI-Building Community Through Play
02/24/21 GLPTI-Farmland to Parkland: Praire and Oak Savanna Restoration
02/24/21 GLPTI-Informal Visitor Contacts
02/25/21 GLPTI-Reflections on 2020: Looking Back, Moving Forward
02/25/21 GLPTI-Playground Maintenance Technician Training Program
02/25/21 GLPTI-Am I Creating Barriers?
02/25/21 Municipal Invasive Species Training -invaive Species Identification

NATURALIST / OPERATIONS MANAGER REPORT

February 2021

Jackie Blanc

Cont. page 2 Of 2

02/25/21 Municipal Invasive Species Training -invaive Knotweeds
02/25/21 Municipal Invasive Species Training -Best Management Practices
02/25/21 Municipal Invasive Species Training -Workplace Decontamination
02/26/21 GLPTI-Motivators and Barriers to Use of Parks & Recreation Resources and Tourism
02/25/21 GLPTI-Accssible Pathways

Projects: On going general seasonal operations.
Applicators CEU's
Equipment maintenance and service.
Snowplowing and removal
Water samples/testing Duane Tirrell Memorial Park.
Capital Equipment/Budget

Projected March Goals:

On going general operations.
Equipment maintenance and service.
Trail maintenance and improvements.
Seasonal staff interviews and hiring.
Seasonal staffing summer schedule.
Service Learning Project development.
Applicators CEU's
National Association of Interpretation Region 4 -Professional Development
Great Lakes Park Training Institute-Professional Development cont.



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www.eatoncountyparks.org

Eaton County Parks and Recreation Commission
Wednesday March 3, 2021 6:00 p.m.

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/84061195899?pwd=eU10cStpK0FuL1FRbEs4T0tTMUx3QT09>

Passcode: 949933

1. Call to Order
 - a. Pledge of Allegiance
 - b. Roll Call
2. Introductions and Chairman's Remarks
3. Approval of Consent Agenda
 - a. Approval of Agenda for March 3, 2021
 - b. Approval of Minutes for February 3, 2021
4. Staff Reports
5. Public Comment – Limited to 3 minutes (name and address)
6. Financial Reports
 - a. Payment of Bills – January 2021
 - b. Finance Report – January 2021
7. Partner Organizations
 - a. Friends of Eaton County Parks
8. Old Business
 - a. "Restore our Parks" Long Term Revenue Subcommittee Report Ferguson
9. New Business
 - a. Re-allocation of FY21 Capital Outlay – Crandell Park Stowell
 - b. FY 2022 Capital Requests Discussions Stowell
 - c. Reschedule of April Parks Commission Meeting Stowell
10. Public Comment – Limited to 3 minutes (name and address)
11. Other Business
12. Commissioner Comments
13. Adjournment

For the Commission,

Troy Stowell, Director
Eaton County Parks and Recreation



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EATON COUNTY PARKS AND RECREATION COMMISSION MINUTES

February 3, 2021

The Eaton County Parks and Recreation Commission met virtually.

PRESENT: Eric Deibel, Brian Droscha, Jack Duffy, Duane Eldred, Sarah Ferguson, Alisa Gonzales-Pennington, Jon Horford, Barbara Rogers, and Jane Whitacre

ABSENT: Kathy Weber

GUESTS: Riley Spayde – FOECP, Gerry Goffin – FOECP

STAFF: Troy Stowell-Director, Jackie Blanc-Operations Manager/Naturalist, Crystal Smith – Recreation & Event Coordinator

1. CALL TO ORDER

Chairman Ferguson called the Parks Commission meeting to order at 6:01 p.m. followed by the Pledge of Allegiance and roll call.

2. INTRODUCTIONS/CHAIRMAN'S REMARKS

None

3. CONSENT AGENDA

Motion made by Whitacre, second by Droscha to approve the consent agenda that included February Agenda and January minutes. **Motion carried.**

4. STAFF REPORTS

- Jackie Blanc gave a brief overview of January Operations for the Department
- Crystal Smith gave a brief overview of her report that included projected programs for the future that included 9 weeks of summer camp at Lincoln Brick Park, The Ledges Auto Show at Fitzgerald Park, and Waterfest at Crandell Park and a potential Family Camp Out at Fitzgerald Park
- Director Stowell gave a brief overview of his report that was distributed by e-mail, and highlighting that the Parks Master Plan was approved by the DNR.

5. PUBLIC COMMENT

None

6. FINANCIAL REPORTS

A. Master Voucher

January Master Voucher was received. Motion made by Droscha, second by Deibel to receive the Master Vouchers. **Motion carried.**

B. Financial Report

January Financial Report was received. Motion made by Droscha, second by Deibel to receive the Financial Reports. **Motion carried.**

7. PARTNER ORGANIZATIONS

- A. Friends of Eaton County Parks** – Riley Spayde presented to the Commission that the Friends have adopted a 2021 Budget with heavy dollars allocated to advocacy efforts; that the Friends are expecting to plan an annual fundraiser in the Fall; and that donations are being accepted for a commemorative bench in the name of Dr. L Robert McConnell.

8. OLD BUSINESS

A. Recreation for Rural Economies USDA Grant Update

Director Stowell presented an update on the planning efforts for the USDA grant for technical assistance, noting that the application is nearly complete and should be ready for submittal by February 5, 2021 which would allow for ample time to make recommended adjustments by the USDA. Commissioner Droscha requested major talking points be developed so Commissioners can speak on the scope of the grant if questioned.

B. Fitzgerald Park Annual Fee and Encumbrance Update

Director Stowell reported that the Board of Commissioners approved the City of Grand Ledge's proposal of a \$10 annual motor vehicle fee for Grand Ledge residents as outlined in the 9/2020 lease extension. Grand Ledge will administer the sales and all proceeds will be sent to Eaton County Parks.

At this time, no additional information is available regarding Eaton County's potential grant encumbrance for Fitzgerald Park. Director Stowell hoped this information can be moved upon later this Spring.

9. NEW BUSINESS

C. Crandell Farm Lease Extension

Based upon the 2020 Farming Lease with Smuts Farms regarding Crandell Park, one year renewal options must be approved by the Parks Commission.

Motion by Droscha, seconded by Rogers to exercise the one year farming lease option with Smuts Farms for the 2021 calendar year. **Motion carried.**

D. Safety Concerns Discussion

Chairman Ferguson led discussion regarding procedures on how safety concerns (ice, damage, etc.) within the park system is brought to the attention to parks staff and how those issues are resolved. Additional discussion was held regarding mitigation of risk with public access and areas which could be an "eye sore." Naturalist/Operations Manager Blanc and Director Stowell pledged to follow up with both the Commission and Friends regarding their concerns.

E. Long Term Revenue Subcommittee

Chairman Ferguson asked that the Long Term Revenue Subcommittee begin meeting again to determine the viability of a 2022 Parks Operations and Development Millage. Director Stowell and Friends President Spayde will work to reestablish committee memberships and report back to the Commission monthly.

11. OTHER BUSINESS

None

12. LIMITED PUBLIC COMMENT

None

13. COMMISSIONER COMMENTS

Commissioner Deibel asked about the status of the donated pedestrian bridge for Crandell Park. Naturalist/Operation manager Blanc noted that funds are not available for installation at this time as concrete footings are required and costly based on the needed location. Deibel followed up to see if a work group can be created to rehab and clean the bridge in the meantime to ensure long term viability.

14. ADJOURNMENT

The next meeting is scheduled for March 3, 2021 at 6:00 p.m. at either Lincoln Brick Park, Grand Ledge OR virtual based on Executive Order. There being no further business, a motion for adjournment was made. The regular meeting was adjourned by Chairman Ferguson at 7:03 p.m.

For the Commission,



Troy Stowell- Director of Eaton County Parks



Eaton County
Department of Construction Codes
1045 Independence Boulevard, Charlotte, Michigan 48813
Telephone: (517) 543-3004 Fax: (517) 543-9924

MONTHLY ACTIVITY REPORT

For: Mr. John Fuentes, County Controller
From: Gene Bryan, Director

February 2020	March 2020	April 2020	May 2020	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	February 2021
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1. Code Violations not related to inspections:

0	3	2	8	9	12	14	14	15	13	20	11	8
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2. Commercial projects submitted for Plan Review:

1	1	1	1	2	2	0	1	0	0	1	1	2
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3. Complaints about Contractors:

0	0	1	0	0	0	0	0	1	0	0	0	0
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4. Address requests not related to new housing starts:

1	0	1	0	0	1	0	0	3	0	0	0	0
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5. Court Cases:

0	0	0	0	0	0	0	0	0	0	0	0	0
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6. Magistrate Hearings:

0	0	0	0	0	0	0	0	0	0	0	0	0
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Trades only BEDHD renovation
Temple renovation in Mulliken



Eaton County Department of Construction Codes

1045 Independence Boulevard, Charlotte, Michigan 48813
Telephone: (517) 543-3004 Fax: (517) 543-9924

"OUR GOAL IS TO PROVIDE A SAFER PLACE TO LIVE, WORK AND PLAY"

Gene Bryan Director Building Official Building Inspector Electrical Inspector Mechanical Inspector Plan Reviewer	Bob Simons Building Inspector Plan Reviewer	Vernon Camp Jr. Plumbing Inspector Plan Reviewer
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SINGLE FAMILY HOUSING UNITS

Respective Calendar Years

YEAR	SINGLE WIDE (MH)	DOUBLE WIDE (MFG) (DW)	SITE BUILT (N)	YEARLY TOTAL
2006	0	2	123	125
2007	0	0	86	86
2008	0	1	39	40
2009	2	3	12	17
2010	7	19	22	48
2011	3	7	28	38
2012	7	14	35	56
2013	10	37	40	87
2014	7	48	40	95
2015	20	39	43	102
2016	8	27	57	92
2017	8	12	59	79
2018	3	6	66	75
2019	8	5	53	66
2020	2	2	62	66
2021 Last Month	0	1	6	7
2021 YTD	0	1	10	11

PERMIT APPLICATIONS: MONTH BY MONTH 2011-2020

Year	Trade	January	February	March	April	May	June	July	August	September	October	November	December	YEAR TOTAL
2012	Building	4	15	30	30	29	33	36	34	30	36	19	16	312
	Mechanical	51	36	38	31	34	43	48	52	44	71	62	48	558
	Electrical	26	25	38	37	37	49	55	56	45	56	28	32	484
	Plumbing	19	12	23	24	17	27	26	31	14	20	14	19	246
MONTHLY TOTAL		100	88	129	122	117	152	165	173	133	183	123	115	1600
2013	Building	13	16	20	23	34	35	51	54	47	37	24	11	365
	Mechanical	42	38	37	57	42	44	61	39	44	61	65	43	573
	Electrical	30	15	27	58	34	50	52	47	44	68	40	29	494
	Plumbing	19	18	16	16	19	27	28	27	25	28	12	11	246
MONTHLY TOTAL		104	87	100	154	129	156	192	167	160	194	141	94	1678
2014	Building	13	17	15	38	44	43	33	69	57	48	31	66	474
	Mechanical	46	35	39	40	30	58	53	53	71	78	55	100	658
	Electrical	44	30	35	36	43	59	55	36	55	85	43	50	571
	Plumbing	21	17	20	23	21	29	24	17	22	21	18	47	280
MONTHLY TOTAL		124	99	109	137	138	189	165	175	205	232	147	263	1983
2015	Building	39	20	34	43	61	54	36	51	42	49	29	19	477
	Mechanical	88	29	50	38	50	59	46	50	55	65	61	47	638
	Electrical	53	54	53	41	51	81	54	52	49	59	43	40	630
	Plumbing	45	10	22	24	40	24	25	28	24	26	22	13	303
MONTHLY TOTAL		225	113	159	146	202	218	161	181	170	199	155	119	2048
2016	Building	23	19	21	45	45	67	58	56	57	59	44	28	522
	Mechanical	44	37	48	45	63	78	48	57	56	84	88	64	712
	Electrical	29	37	39	48	70	78	53	58	65	80	71	39	667
	Plumbing	20	20	23	26	32	34	29	33	22	31	23	24	317
MONTHLY TOTAL		116	113	131	164	210	257	188	204	200	254	226	155	2218
2017	Building	24	29	31	36	61	58	45	53	52	42	24	24	479
	Mechanical	51	50	61	50	60	53	49	67	68	75	78	44	706
	Electrical	36	40	59	48	64	62	57	73	58	78	55	45	675
	Plumbing	25	39	24	30	31	26	22	39	27	28	24	15	330
MONTHLY TOTAL		136	158	175	164	216	199	173	232	205	223	181	128	2190
2018	Building	14	21	49	53	58	60	67	64	53	54	31	27	551
	Mechanical	63	47	47	46	52	71	63	88	52	106	64	67	766
	Electrical	32	38	41	49	67	78	70	71	80	76	54	54	710
	Plumbing	24	17	20	31	27	36	27	37	21	25	12	23	300
MONTHLY TOTAL		133	123	157	179	204	245	227	260	206	261	161	171	2327
2019	Building	24	25	28	54	64	50	46	59	48	58	37	28	521
	Electrical	38	40	55	78	79	53	84	70	69	71	68	62	767
	Mechanical	51	40	43	56	66	65	71	51	53	103	65	62	726
	Plumbing	15	16	17	39	24	26	36	32	29	40	25	35	334
MONTHLY TOTAL		128	121	143	227	233	194	237	212	199	272	195	187	2348
2020	Building	18	28	20	6	53	55	71	74	47	66	45	31	514
	Electrical	62	48	43	8	49	79	85	99	93	80	88	69	803
	Mechanical	74	47	39	12	44	75	85	73	70	106	88	79	792
	Plumbing	24	30	22	11	20	32	47	45	35	39	33	30	368
MONTHLY TOTAL		178	153	124	37	166	241	288	291	245	291	254	209	2477
2021	Building	29	40											69
	Electrical	68	42											110
	Mechanical	62	68											130
	Plumbing	24	27											51
MONTHLY TOTAL		183	177	0	0	0	0	0	0	0	0	0	0	360

INSPECTIONS: MONTH BY MONTH 2011-2020

Resource Recovery Report for Public Works and Planning

February 2021

General Department Updates:

2021 Waste Hauler License Applications (due January 1, 2021) and 2020 Solid Waste Ordinance Reports (due January 15, 2021). All but one of each have been received by the department. The department is following up with the one company to receive the overdue application and report.

All first quarter SWAG reports have been received by the department.

The Sunfield Recycling Center Pilot Project:

The department has conducted fifteen visitor survey sessions at the site so far. Fourteen additional visitor survey sessions have been scheduled based on a randomized schedule and will proceed through 4/18/2021. Current visitation trends remain at approximately 14 visitors per survey session. In efforts to increase site visitation, the department has done three paid advertisements on Facebook with posts focusing on general promotion, accepted materials, and material preparation. These posts have reached an average of 7,380 people and resulted in 760 engagements. Letters were also sent to surrounding local municipalities on 1/20/2021 to notify them of the center opening, the project status, and to ask for assistance with site promotion. So far, one township has specifically indicated they are including the promotional flyer in residential tax receipts.

The department has coordinated with the site contractor, the Michigan Recycling Coalition, and the Michigan Farm Bureau to begin developing an agricultural plastics collection program. Currently, the MRC and the Michigan Farm Bureau are still working to get more material for expanded baler testing at the site.

2021 ScrapTire Grant

The 2021 Scrap Tire CleanUp Grant application was made available on 02/17/2021. The grant would allow for the collection of tires at the department's Recycle-Palooza event on August 21, 2021, as the 2020 grant extension will only provide funds for one tire collection event (Recycling Fever on June 19, 2021). Barry, Clinton and Ingham Counties have indicated interest in partnering with us again and have begun coordinating their collection dates and required documentation for completion of the grant application. The application is due April 2, 2021.

The department issued an RFP for the selection of the scrap tire collection vendor on 3/3/2021. The RFP was sent to ten potential vendors, all that are listed on the Michigan Scrap Tire Processor List developed and provided by EGLE. Bids responses are due on 3/17/2021 and the bid award will immediately follow the due date.

2021-2022 Battery Collection Program:

On 02/22/2021, Battery Solutions, the department's current battery recycling vendor, approved reimbursement, in the form of credit, for inconsistencies found between contract line item prices and line item prices charged since the 2017 program year. The amount credited covers all of the line item overcharged inconsistencies, totaling \$1,429.33.

Requests for Proposals for the department's 2021-2022 Battery Collection Program were due on 12/15/2020. The department received two bids from those that have bid in the past: Battery Solutions (the program's current vendor) and Environmental Recycling Group (ERG). The bids were compared by assessing battery program weights/totals from the 2018-2020 program years to the proposed prices in each company's bid. As a result, the department recommends Battery Solutions be awarded the 2020-2021 Battery Collection Program contract. Analysis results are summarized below.

	2018-2020 Average Costs (1 year)	2020-2022 Battery Solutions Proposed and Projected Prices (1 year)	2020-2022 Environmental Recycling Group (ERG) Proposed and Projected Prices (1 year)
Collected Material Management	\$6,664.03 (24,798.5 lbs, \$0.27 per lb average)	\$7,456.06 (24,798.5 lbs, \$0.30 per lb average)	\$11,180.63 (24,798.5 lbs, \$0.45 per lb average)
Transportation	\$835.00	\$1,500.00	\$2,700.00 (Total does not included the 5 drum minimum requirement)
Other fees	\$77.40	\$77.40	-
Total	\$7,576.43	\$9,033.46	\$13,880.63

EATON COUNTY BOARD OF COMMISSIONERS

MARCH 17, 2021

RESOLUTION TO APPROVE CONTRACT FOR BATTERY RECYCLING

Introduced by the Public Works and Planning Committee

WHEREAS, the County is charged by the Public Act 451, Part 115, as amended, Eaton County Solid Waste Management Plan Update of February 1999 to enhance the separation, collection, and utilization of materials to increase the percentage of the solid waste stream diverted; and,

WHEREAS, the County Department of Resource Recovery operates a household battery collection program, which diverts potentially hazardous materials from improper disposal; and,

WHEREAS, Battery Solutions, LLC agreed to recycle all household batteries brought to Eaton County collection sites per Federal and State guidelines and in accordance with the proposals submitted to the Department of Resource Recovery; and

WHEREAS, the County Department of Resource Recovery recommended the vendor for a two-year contract extending from April 1, 2021-December 31, 2021; and

WHEREAS, the Public Works and Planning Committee reviewed two proposals and recommended that a contract be established between the County and Battery Solutions, LLC for a two-year battery recycling contract at its regular meeting held on March 10, 2021; and

NOW, THEREFORE, BE IT RESOLVED, that the Eaton County Board of Commissioners officially approves the recommended contract.

EATON COUNTY BOARD OF COMMISSIONERS

MARCH 17, 2021

RESOLUTION TO APPROVE A MICHIGAN DEPARTMENT OF ENVIRONMENT GREAT LAKES AND ENERGY SCRAP TIRE RECYCLING GRANT APPLICATION

Introduced by the Public Works and Planning Committee

WHEREAS, the Resource Recovery Department has been established for the development and administration of the County Solid Waste Management Plan under Act 641; and

WHEREAS, key components of the Resource Recovery Department include increasing the amount of materials recycled; and

WHEREAS, the Michigan Department of Environment Great Lakes and Energy Scrap Tire Recycling Grant is designed to provide assistance in the removal of residential tires; and

WHEREAS, the Resource Recovery Department offers two Scrap Tire collection events annually; and

WHEREAS, the Michigan Department of Environment Great Lakes and Energy has encouraged regional applications and Eaton County has been approached by Clinton County, Barry County, and Ingham County to submit one grant for all four communities; and

WHEREAS, the grant program does not have any matching requirements; and

WHEREAS, Eaton County will serve as the applicant and fiduciary for the grant; and

NOW, THEREFORE, LET IT BE RESOLVED that Eaton County approves the application of the Scrap Tire grant; and

BE IT FURTHER RESOLVED, that acceptance of the grant award is contingent upon the approval of Memorandums of Understanding between the County and other individual participating entities providing for said participating entities to reimburse the County for any non-grant costs associated with collection events held within their jurisdiction; and

BE IT FURTHER RESOLVED, that the Chairperson of the Board of Commissioners, or his designee, is authorized to sign any necessary grant documents; and

BE IT FURTHER RESOLVED, that the Controller is authorized to make budgets amendments to the adopted budget, in the event the grant is authorized.

Eaton County Resource Recovery
Financial Report
Fiscal Year 2020/21
Through the end of March, 2021

	ORIGINAL BUDGET	ADJUSTED BUDGET	ACTUAL YEAR TO DATE	REMAINING BALANCE	% USED
Revenues					
Administration					
Private Grant	36,000	36,000	-	(36,000.00)	0%
Resource Recovery Services	4,000	4,000	-	(4,000.00)	0%
Donations	11,000	11,000	-	(11,000.00)	0%
Transfers-In	-	-	-	-	0%
Total Administration Revenues	51,000	51,000	-	(51,000.00)	
Operational Revenues					
Waste Hauler Licenses	2,010	2,010	1,770.00	(240.00)	88%
Solid Waste Surcharge	310,000	310,000	161,715.85	(148,284.15)	52%
Total Operational Revenues	312,010	312,010	163,485.85	(148,524.15)	
Total Revenues	363,010	363,010	163,485.85	(199,524.15)	45%
Expenditures					
Administration					
Personnel	126,195	130,071	45,358.13	84,712.87	35%
Supplies	1,850	1,850	225.86	1,624.14	12%
Other Services	7,183	7,183	2,805.97	4,377.03	39%
Debt Service - Vehicle Lease	8,295	8,295	3,455.90	4,839.10	42%
Transfer Out - General Fund	9,698	9,698	4,849.00	4,849.00	50%
Total Administration Expenditures	153,221	157,097	56,694.86	100,402.14	36%
Operational Expenditures					
County Projects	138,050	138,050	2,480.20	135,569.80	2%
Local Projects	133,296	149,876	41,252.43	108,623.57	28%
Total Operational Expenditures	271,346	287,926	43,732.63	244,193.37	15%
Total Expenditures	424,567	445,023	100,427.49	344,595.51	23%
Excess Revenues over Expenses (Net Carryover)	(61,557)	(82,013)	63,058.36	145,071.36	-77%
Administration					
Revenues	51,000	51,000	-	(51,000.00)	0%
Expenditures	153,221	157,097	56,694.86	100,402.14	36%
Available Resources from Administration	(102,221)	(106,097)	(56,694.86)	49,402.14	
Operations					
Revenues	312,010	312,010	163,485.85	(148,524.15)	52%
Expenditures	271,346	287,926	43,732.63	244,193.37	15%
Available Resources from Operations	40,664	24,084	119,753.22	95,669.22	
Projected Net Carryover	(61,557)	(82,013)	63,058.36	145,071.36	
9/30/2019 Fund Balance	90,395	90,395	90,395		
Projected 9/30/2020 Fund Balance	163,065	163,065	163,065		
Projected 9/30/2021 Fund Balance	101,508	81,052	226,123		

Eaton County Resource Recovery
Program Update
Fiscal Year 2020/21
Through the end of March, 2021

	Adopted Budget	Budget Amendments	Amended Budget	YTD Transactions	Amended Budget Less YTD Transactions	% Used
Summary of Programs						
529 - County Programs						
Roadside Cleanup	1,400.00	-	1,400.00	812.54	587.46	58.0%
Household Battery Collection	9,000.00	-	9,000.00	1,637.66	7,362.34	18.2%
Scrap Tire Collection	36,000.00	-	36,000.00	-	36,000.00	0.0%
Sharps Compliance Program	1,000.00	-	1,000.00	-	1,000.00	0.0%
Household Hazardous Waste Collection	52,500.00	-	52,500.00	-	52,500.00	0.0%
Education/Promotion Programs	13,050.00	-	13,050.00	30.00	13,020.00	0.2%
Electronic Recycling	21,900.00	-	21,900.00	-	21,900.00	0.0%
Book Recycling/Paper Shredding	3,200.00	-	3,200.00	-	3,200.00	0.0%
Total	138,050.00	-	138,050.00	2,480.20	135,569.80	1.8%
530 - SWAG Programs						
Bellevue/Olivet	18,296.00	-	18,296.00	3,849.30	14,446.70	21.0%
Charlotte Area Recycling (CARA)	29,500.00	-	29,500.00	11,675.61	17,824.39	39.6%
Delta Twp - Recycling Center	30,000.00	-	30,000.00	6,923.56	23,076.44	23.1%
City of Eaton Rapids	17,500.00	-	17,500.00	5,835.78	11,664.22	33.3%
City of Grand Ledge - Recycling	23,000.00	-	23,000.00	6,475.89	16,524.11	28.2%
Mulliken Recycling Center	4,500.00	-	4,500.00	1,362.00	3,138.00	30.3%
City of Pottersville - Recycling	10,500.00	(10,500.00)	-	-	-	0.0%
Sunfield Recycling Center (Pilot Project)	-	27,080.00	27,080.00	5,130.29	21,949.71	18.9%
Total	133,296.00	16,580.00	149,876.00	41,252.43	108,623.57	27.5%



**Community Development and Housing Department Report 2/28/2021
For Public Works & Planning Committee March 10, 2021**

Case Status: (Permits and Applications Activity summarized on attached table):

- The **Planning Commission** met February 2, 2021 and approved one change of conditions to an existing Conditional Use Permit for a Commercial Recreation Facility (campground) in Walton Township.
- The **Board of Appeals** met February 2, 2021 and approved one variance request for a sign at Williams Farm Machinery in Eaton Township. Elections were also conducted: Nikki Chmielewski – Chairperson; Don Chase – Vice Chairperson and April Stopczynski – Secretary.

Zoning and Junk Code Enforcement (Activity is summarized on attached table):

- Currently there are thirty-four (34) junk violations and ten (10) zoning violations. Two (2) tickets were issued for the keeping of junk and debris for properties located in Sunfield Township.

Housing Department Activities:

- There currently are no active housing files, however, there have been several inquiries recently and three applications have been mailed out to potential participants.
- Available amount to spend is \$37,049. Three project payoffs have been received since July 1, 2020. The total Program Income revolving loan fund balance is \$81,139.

Economic Development Activities:

- CDBG CARES Act MEDC update. All documents for reimbursement were submitted February 26, 2021.
- Ms. Williams attended (via zoom) a LEAP EPA Coalition meeting on February 4, and a Business Attraction meeting on February 26, 2021.
- Ms. Williams received (and forwarded to all locals) four site searches in the month of February.

Veteran Service Activities:

- Eighty-eight (88) Veteran appointments were conducted in February. Most appointments are being conducted over the phone, however, some appointments being held in person with proper protections in place two days per week.
- Two (2) veterans were transported to the Ann Arbor hospital by a volunteer driver.

Other:

Ms. Williams attended (via zoom) a Michigan Agricultural Preservation Fund Board meeting on February 16, 2021. The purpose of the meeting was to score and rank grant applications and determine financial awards for community Purchase of Development Rights Programs. Ms. Williams was notified on February 23, 2021 that Eaton County has been awarded funding to purchase the development rights of Michael and Laureen Whittum's property located in Brookfield Township. We do not have the grant paperwork yet, however, the award should be approximately \$62,000.

On February 24, 2021 Ms. Williams attended (via zoom) a Connecting Michigan Taskforce webinar. Several webinars were hosted across the state by Connect Michigan. The webinars provided information about state efforts and resources and gathered information in reference to broadband challenges in communities.

Ms. Williams also attended (virtually) a Healthy! Capital Counties Stakeholder meeting on February 26, 2021.

Additionally, Ms. Williams attended the following meetings: Health and Human Services, Collaborative Council, Continuum of Care, CARTS, Continuum of Care Strategies and Grants Committee, and several other zoom meetings.

CASES	Conditional Use Permits		Board of Appeals		Adminis- trative Variances		District Change Amend- ments		Site Plan Reviews		Zoning Referrals		Private Roads		Agricultural Buildings		Lot Line Adjustments		Land Divisions Reviewed		TOTAL	
																					MONTH	
MO/YR	"20"	"21"	"20"	"21"	"20"	"21"	"20"	"21"	"20"	"21"	"20"	"21"	"20"	"21"	"20"	"21"	"20"	"21"	"20"	"21"	"20"	"21"
JAN	2	1	0	0	0	0	0	0	0	0	8	18	0	0	1	3	2	5	2	31	15	31
FEB	0	1	0	1	0	0	0	0	3	0	14	8	0	0	1	1	2	2	4	14	24	2
MARCH	2	0	0	1	0		2	0	0	1	12		0		0		3		4	2	23	1
APRIL	3	1	1	0	0		0	2	0		2		0		1		1		1	3	9	0
MAY	0		1		1		0		0		32		0		2		4		2		42	0
JUNE	0		0		0		0		0		34		0		2		1		0		37	0
JULY	1		0		0		1		1		42		0		3		1		3		52	0
AUG	0		1		0		0		0		41		0		2		2		2		48	0
SEPT	0		3		0		0		1		26		0		2		5		3		40	0
OCT	1		0		0		0		1		36		1		2		7		1		49	0
NOV	0		0		0		0		0		20		0		1		5		4		30	0
DEC	1		1		0		0		0		17		0		1		5		2		27	0
TOTALS	10	3	7	2	1	0	3	2	6	1	284	26	1	0	18	4	38	7	28	50	396	34

CASES	JUNK	JUNK	JUNK	JUNK	ZONING	ZONING	ZONING	ZONING
	(NEW)	(NEW)	(CLOSED)	(PENDING)	(NEW)	(NEW)	(CLOSED)	(PENDING)
		2020 carryover: 33				2020 carryover: 11		
MO/YR	2020	2021	2021	2021(PENDING)	2020	2021	2021	2021(PENDING)
JAN	3	0	1	33	0	3	0	11
FEB	0	1	0	34	1	1	2	10
MARCH	3				5			
APRIL	0				0			
MAY	0				0			
JUNE	3				0			
JULY	8				7			
AUG	2				1			
SEPT	3				1			
OCT	1				5			
NOV	1				1			
DEC	2				2			
TOTALS	23	1	1	34	23	4	2	10
			TOTAL PENDING JUNK & ZONING VIOLATIONS					44

2020 Local Road Millage Program



Eaton County
Road Commission



1112 Reynolds Road | Charlotte, MI 48813 | 517-543-1630

www.eatoncountyrad.com

Version 3-21



2020 LOCAL ROAD MILLAGE PROGRAM REPORT

AS OF DECEMBER 31, 2020

Board of Eaton County Road Commissioners



Benjamin S.
Lyons
CHAIR

Term expires:
12-31-2026

Timothy J.
Lamoreaux
VICE CHAIR

Term expires:
12-31-2022

Jerry L.
Frazier
MEMBER

Term expires:
12-31-2022

Duane A.
Eldred
MEMBER

Term expires:
12-31-2025

Lauren K. Aitch-
Guerrant
MEMBER

Term expires:
12-31-2025

BLAIR E. BALLOU, P.E., *ENGINEER-MANAGER*

PATRICIA M. LOOSEMORE, *FINANCE DIRECTOR*

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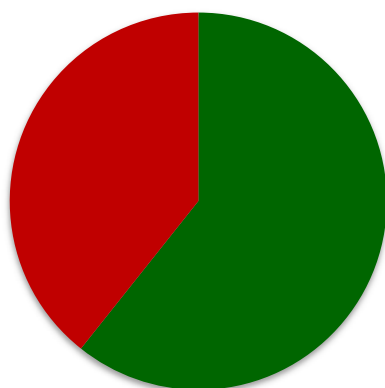
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LOCAL ROAD MILLAGE PROGRAM DASHBOARD

As of 12-31-20

Paved Local Roads

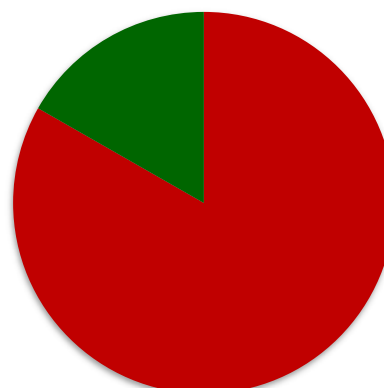
Total Miles in Program



■ Miles Completed

Gravel Local Roads

Total Miles in Program



■ Miles Completed

Township	Total Miles in Millage Program		Millage Projects Complete as of 12/31/20		Percent of Total Miles Complete	
	Asphalt	Gravel	Asphalt	Gravel	Asphalt	Gravel
Bellevue Twp	3.88	44.78	3.88	13.74	100.0%	30.7%
Benton Twp	6.98	26.60	5.91	3.37	84.7%	12.7%
Brookfield Twp	9.12	44.83	8.12	4.00	89.0%	8.9%
Carmel Twp	8.48	33.66	5.72	8.35	67.5%	24.8%
Chester Twp	4.46	44.10	4.46	12.43	100.0%	28.2%
Delta Twp	92.22	8.01	48.16	-	52.2%	0.0%
Eaton Rapids Twp	7.64	35.70	6.88	1.00	90.1%	2.8%
Eaton Twp	21.61	18.61	11.74	8.50	54.3%	45.7%
Hamlin Twp	12.90	31.76	8.63	7.61	66.9%	24.0%
Kalamo Twp	8.38	39.10	8.38	2.01	100.0%	5.1%
Oneida Twp	24.87	14.74	14.88	6.50	59.8%	44.1%
Roxand Twp	9.81	34.52	7.02	5.83	71.6%	16.9%
Sunfield Twp	13.60	23.74	9.87	4.40	72.6%	18.5%
Vermontville Twp	3.54	38.57	3.54	12.78	100.0%	33.1%
Walton Twp	11.75	35.42	9.54	2.41	81.2%	6.8%
Windsor Twp	23.83	26.10	13.60	7.78	57.1%	29.8%
	263.07	500.24	170.33	100.71	64.7%	20.1%

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FINANCIAL SUMMARY

	<u>2016 ACTUAL</u>	<u>2017 ACTUAL</u>	<u>2018 ACTUAL</u>	<u>2019 ACTUAL</u>	<u>2020 ACTUAL</u>	<u>PROGRAM TO DATE</u>	<u>2021 BUDGET</u>
Paved Road Resurfacing	\$ 3,337,884	\$ 3,686,294	\$ 5,391,764	3,670,891	5,128,716 *	\$ 21,215,549	\$ 4,066,754
Gravel Road Resurfacing	543,914	83,330	346,047	430,337	321,396	\$ 1,725,024	500,000
County-Wide Dust Control	406,117	434,229	469,304	479,137	469,734	\$ 2,258,521	500,000
Total Expenditures	\$ 4,287,915	\$ 4,203,853	\$ 6,207,115	\$ 4,580,365	\$ 5,919,846	\$ 25,199,094	\$ 5,066,754
Property Taxes Collected	3,936,010	3,961,768	4,088,246	4,289,816	4,408,110	20,683,950	4,566,754
Net Revenues (Expenditures)	\$ (351,905)	\$ (242,085)	\$ (2,118,870)	\$ (290,549)	\$ (1,511,736)	\$ (4,515,144)	\$ (500,000)

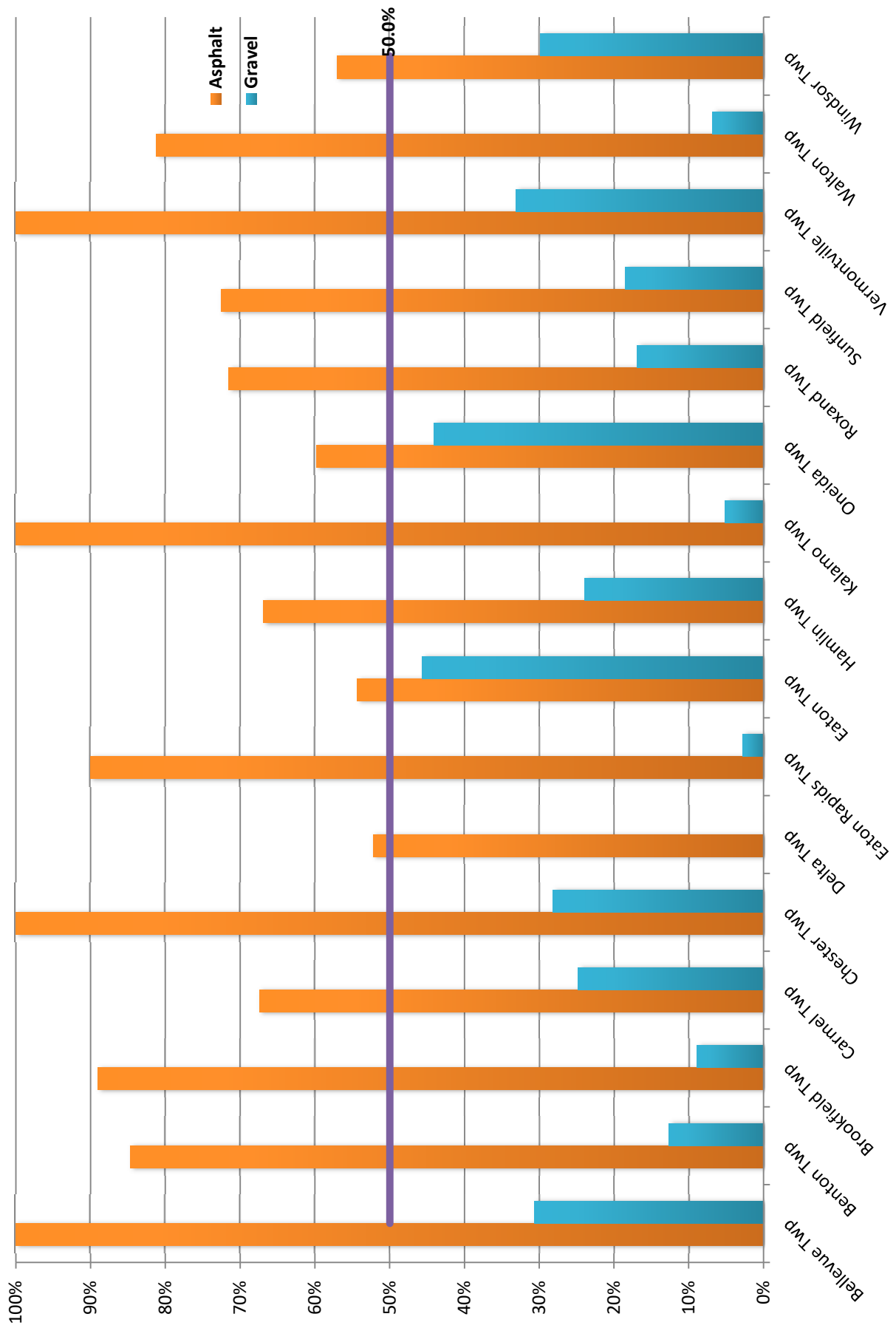
Average Cost Per Mile:

Paved Road Resurfacing:	\$ 123,645	\$ 126,660	\$ 200,892	\$ 156,408	\$ 193,536
Gravel Road Resurfacing	\$ 17,213	\$ 19,623	\$ 20,727	\$ 23,789	\$ 18,066
County-Wide Dust Control	\$ 812	\$ 868	\$ 938	\$ 958	939

*Includes appx \$1,243,452 of 2019 Local Road Millage projects that were completed in 2020.

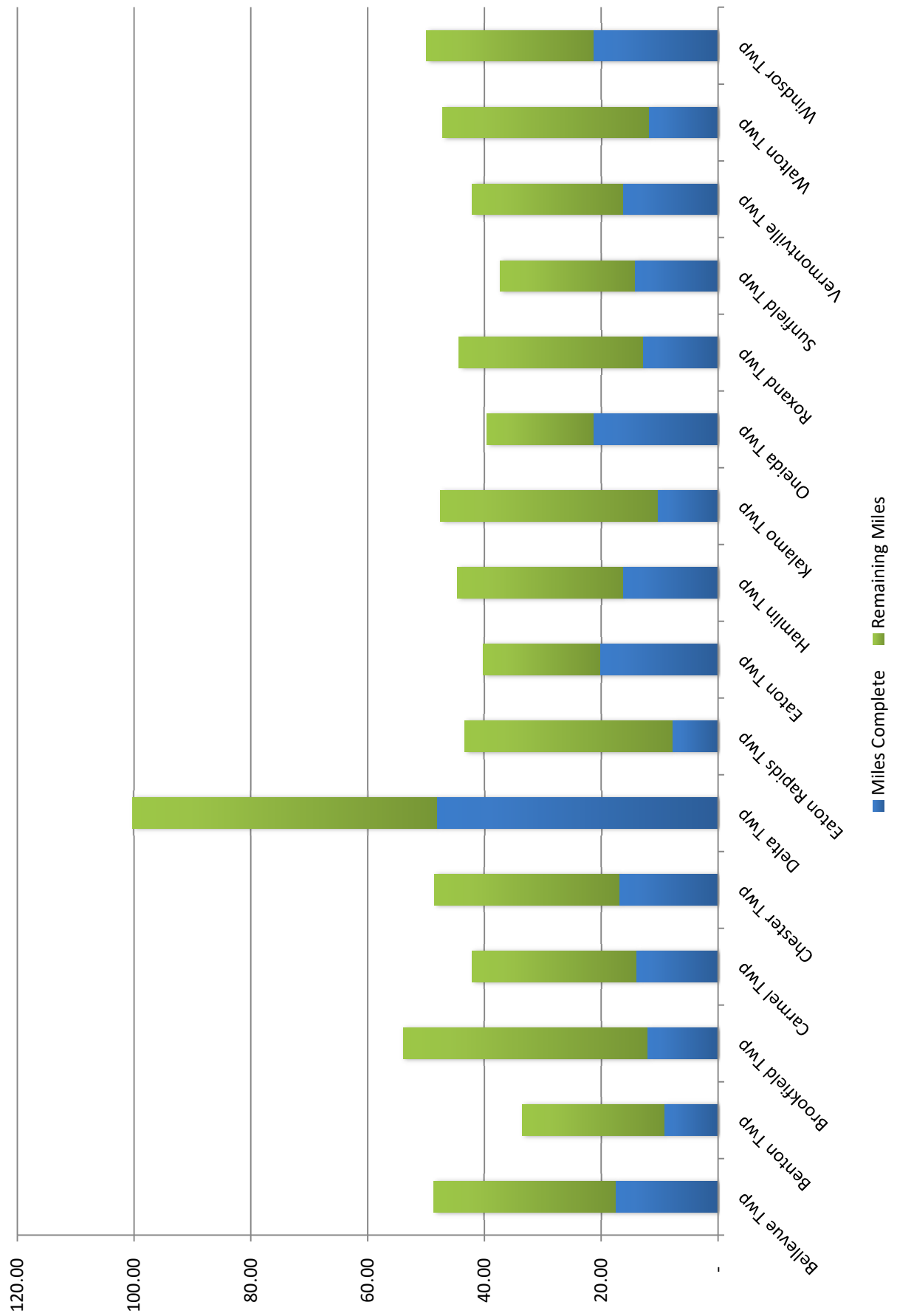
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Percent Complete by Township and Road Type



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Local Road Millage Program: Miles by Township



2020 LOCAL ROAD MILLAGE PROGRAM

BELLEVUE TOWNSHIP

Gravel Road Resurfacing:

Babcock Rd, W Baseline Hwy to Sherwood Hwy	1.27 mi	24,772
Cook Rd, W Butterfield Hwy to Sherwood Hwy	0.55 mi	10,768
Sherwood Hwy, Hall Rd to City/ Twp Line	2.04 mi	41,495
Total gravel miles resurfaced	3.85 mi	

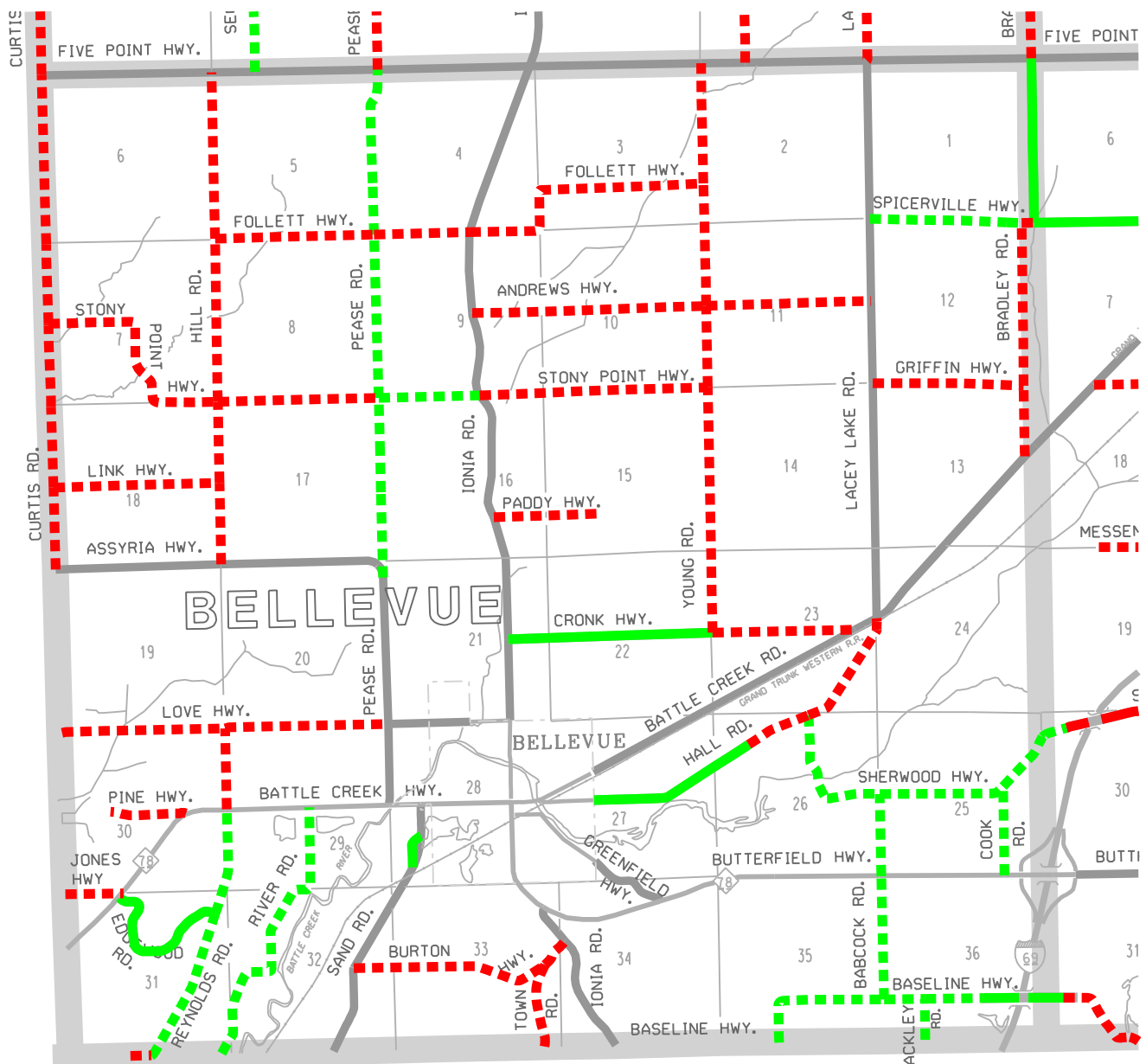
<i>County-Wide Dust Control:</i>	44.78 mi	\$	42,835
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MILLAGE PROGRAM STATUS - ENDING 12/31/2020

BELLEVUE TOWNSHIP

	PAVED ROADS TO BE COMPLETED		PAVED ROADS COMPLETED
	GRAVEL ROAD TO BE COMPLETED		GRAVEL ROAD COMPLETED

REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

BENTON TOWNSHIP

Gravel Road Resurfacing:

E Santee Hwy, N Cochran Rd to Benton Rd	<u>1.00</u>	mi	\$	18,848
<i>Total paved miles resurfaced</i>	1.00			

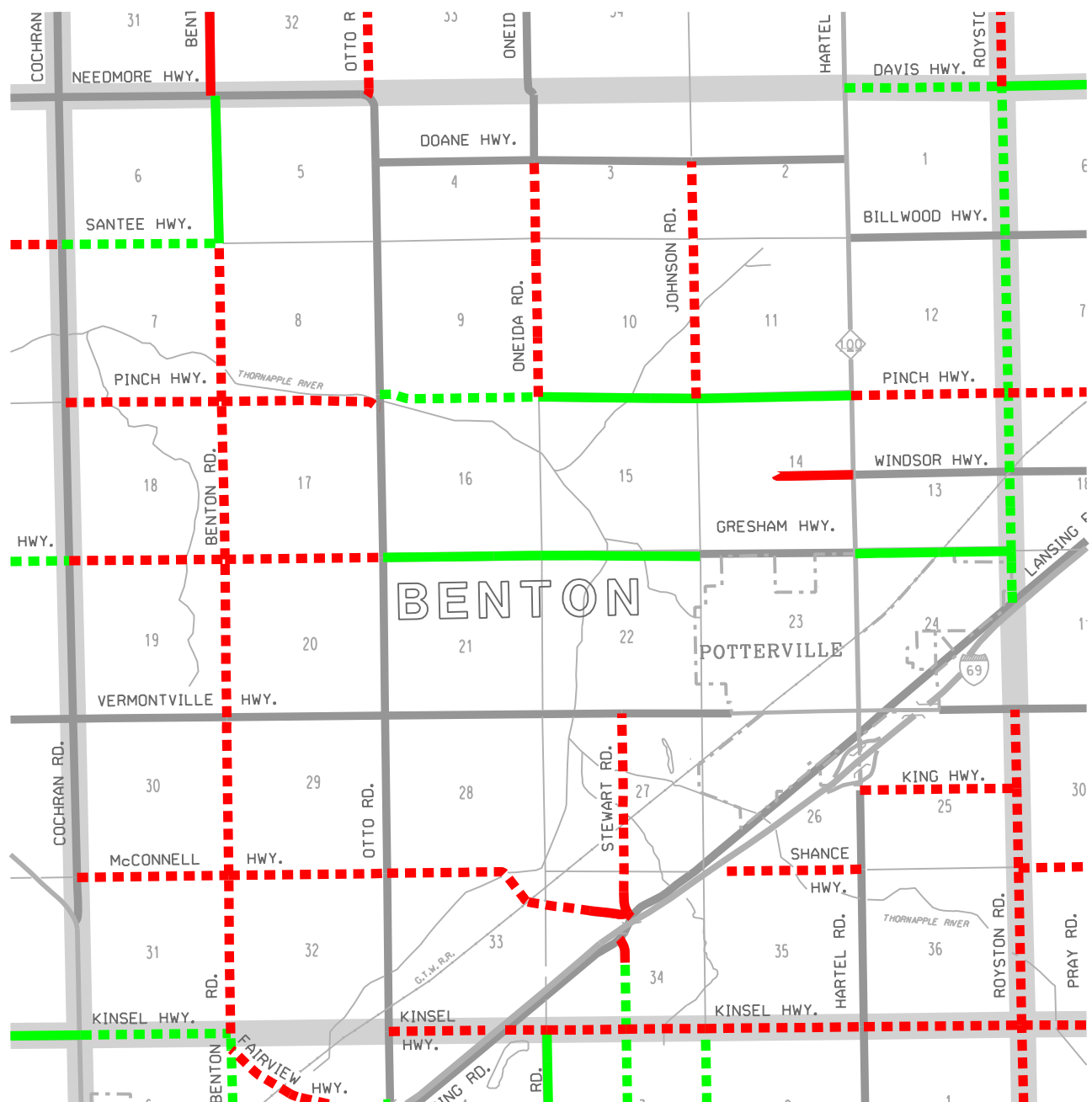
<i>County-Wide Dust Control:</i>	26.60	mi	\$	25,433
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MILLAGE PROGRAM STATUS - ENDING 12/31/2020

BENTON TOWNSHIP

	PAVED ROADS TO BE COMPLETED		PAVED ROADS COMPLETED
	GRAVEL ROAD TO BE COMPLETED		GRAVEL ROAD COMPLETED

REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

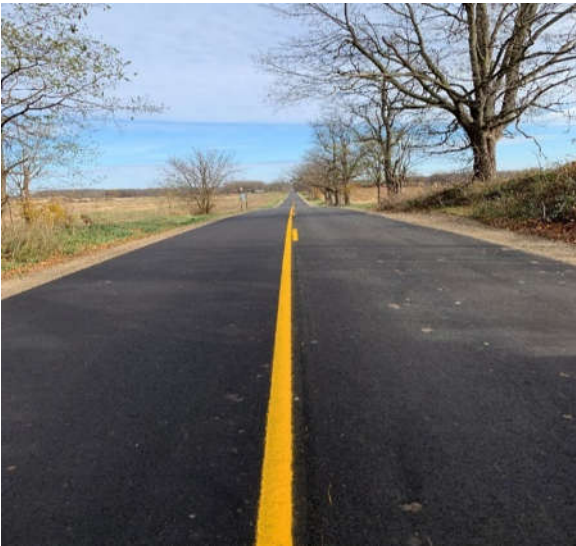
BROOKFIELD TOWNSHIP

Paved Road Resurfacing:

E Spicerville Hwy, Cochran Rd to Sherman Rd	<u>0.99</u> mi	\$	204,279
<i>Total paved miles resurfaced</i>	0.99		

County-Wide Dust Control:

44.83 mi \$ 41,236

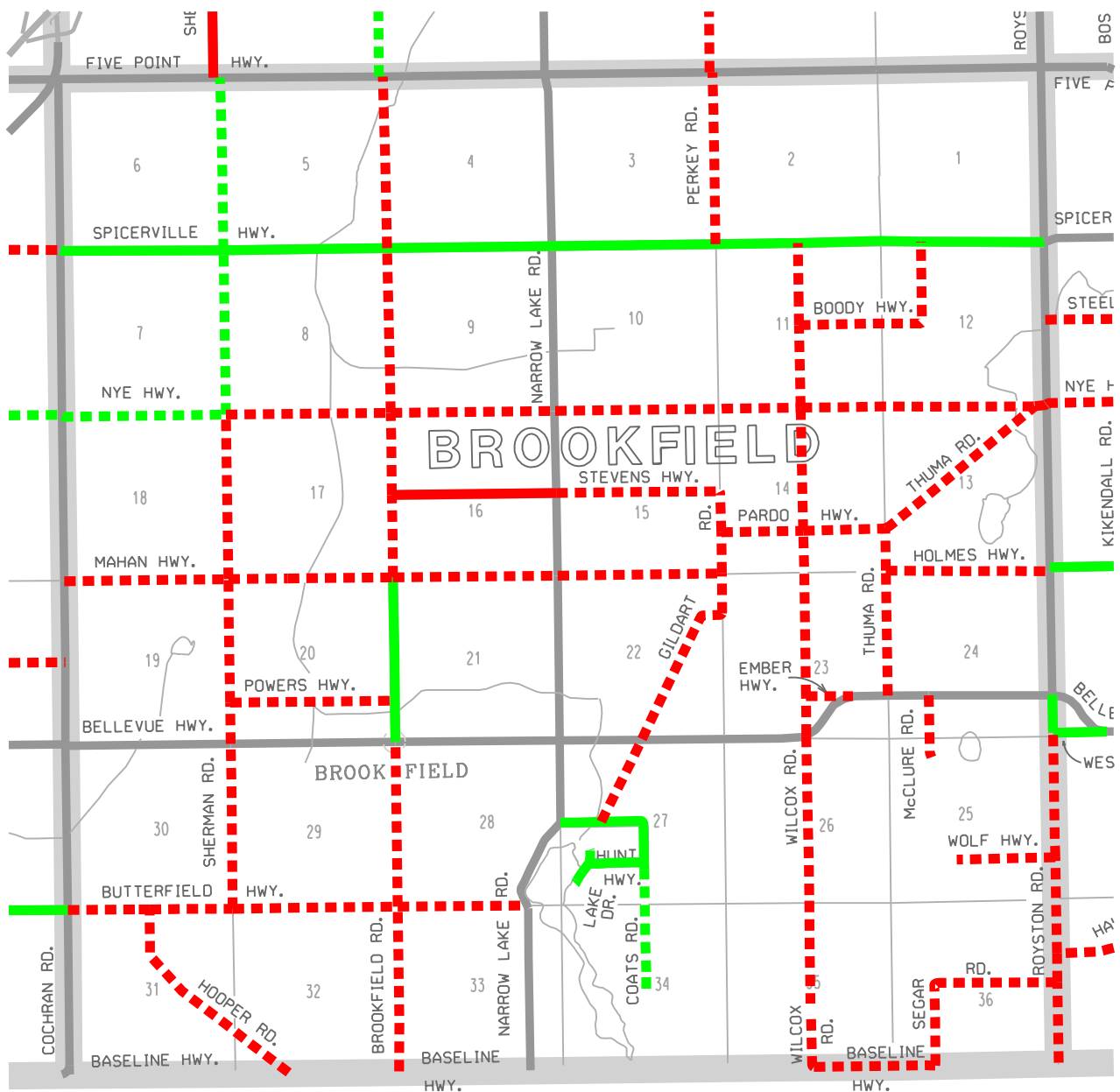


MILLAGE PROGRAM STATUS - ENDING 12/31/2020

BROOKFIELD TOWNSHIP

	PAVED ROADS TO BE COMPLETED		PAVED ROADS COMPLETED
	GRAVEL ROAD TO BE COMPLETED		GRAVEL ROAD COMPLETED

REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

CARMEL TOWNSHIP

Paved Road Resurfacing:

N Bradley Rd, W Lawrence Hwy to Valley Hwy	<u>1.01</u>	mi	\$	97,018
<i>Total paved miles resurfaced</i>	1.01			

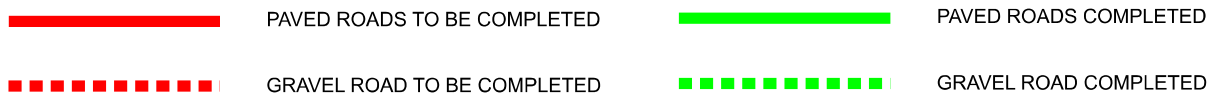
County-Wide Dust Control:

33.66 mi \$ 32,085

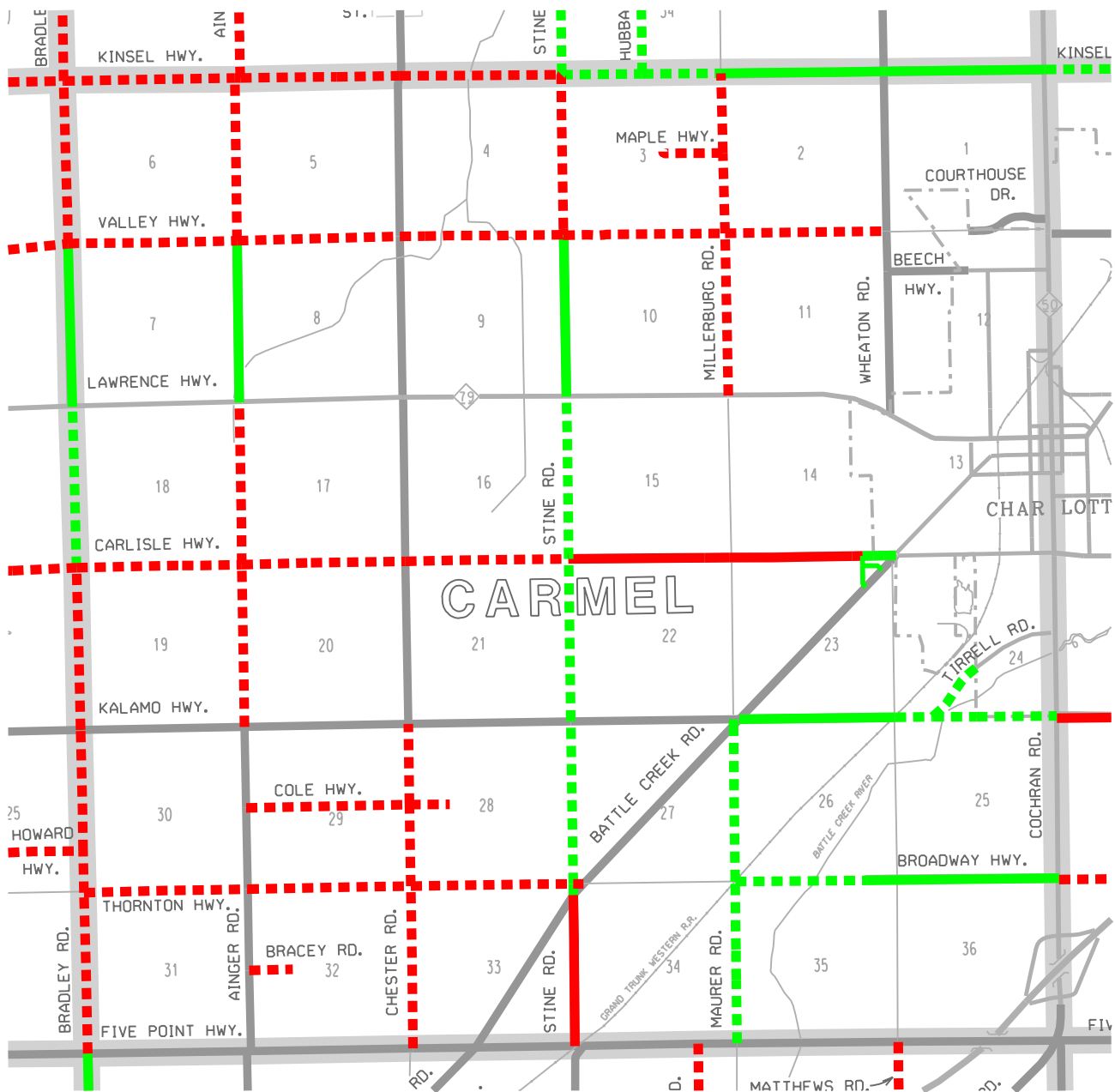


MILLAGE PROGRAM STATUS - ENDING 12/31/2020

CARMEL TOWNSHIP



REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

CHESTER TOWNSHIP

Gravel Road Resurfacing:

Lamie Hwy, N Chester Rd to Stine Rd	1.00	mi	\$	20,215
Mulliken Rd, Lamie Hwy to W Vermontville Hwy	1.08	mi	\$	21,875
N Bradley Rd, Lamie Hwy to W Vermontville Hwy	1.01	mi	\$	23,500
N Stine Rd, W Kinsel Hwy to Lamie Hwy	1.01	mi	\$	21,938
<i>Total gravel miles resurfaced</i>	4.10			

County-Wide Dust Control:

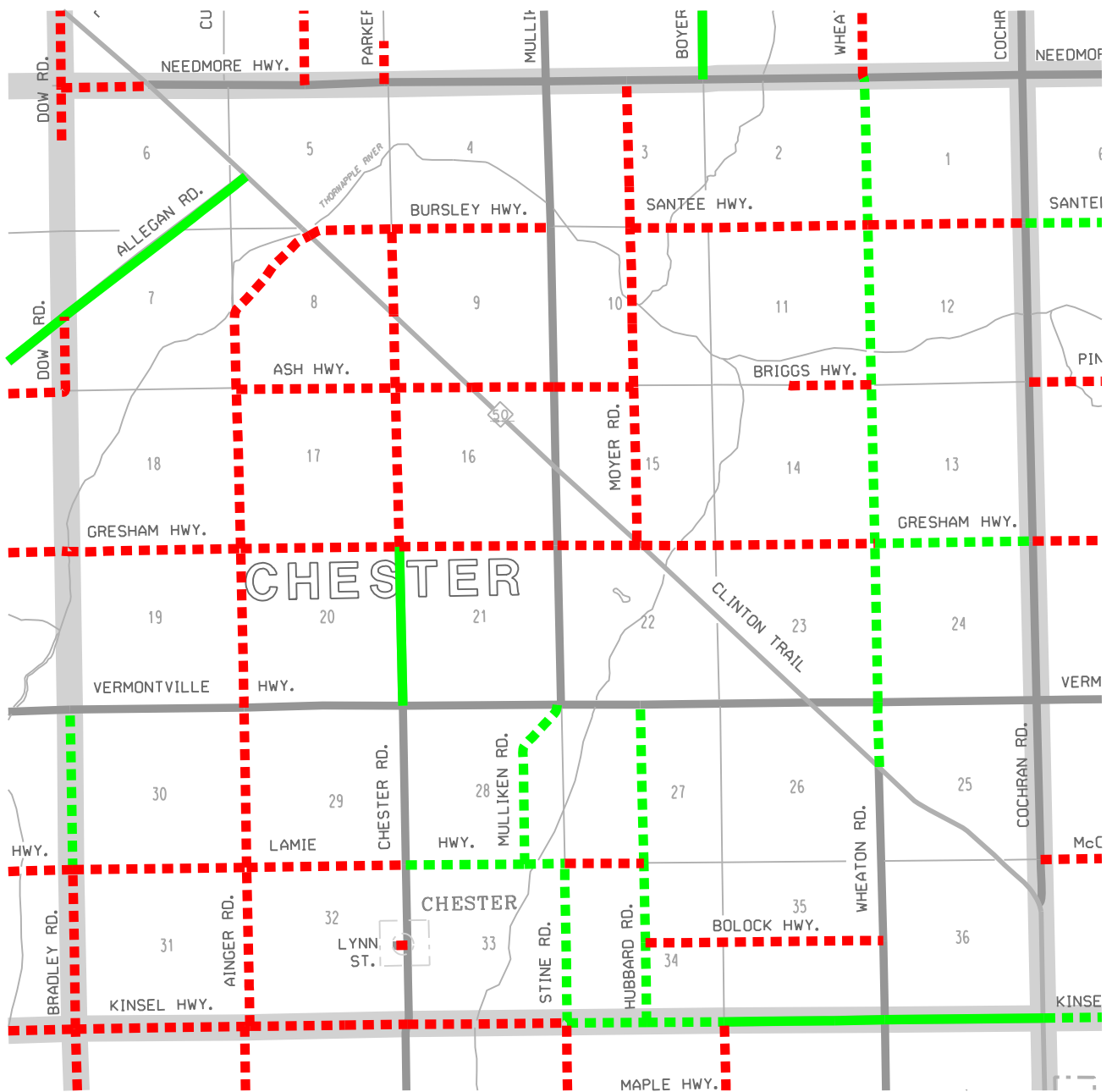
44.10	mi	\$	41,719
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MILLAGE PROGRAM STATUS - ENDING 12/31/2020

CHESTER TOWNSHIP

	PAVED ROADS TO BE COMPLETED		PAVED ROADS COMPLETED
	GRAVEL ROAD TO BE COMPLETED		GRAVEL ROAD COMPLETED

REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

DELTA TOWNSHIP

Paved Road Resurfacing:

Amberina Dr, Ruby Glass Rd to Cardinal Ln	0.23	mi	\$	37,674
Armstrong Dr, Willow Hwy to Webster Rd	0.24	mi	\$	34,005
Aspen Dr, Powderhorn Dr to Sow Rd	0.21	mi	\$	49,447
Birchwood Way, Boxwood Lane to Elmwood Rd	0.22	mi	\$	35,948
Bobsyl Lane, Denmark Ave to Countryside Dr	0.12	mi	\$	27,499
Cardinal Lane, Lindy Dr to Amberina Dr	0.12	mi	\$	22,136
Chimneyrock Dr, Powderhorn Dr to Durnago Dr	0.17	mi	\$	28,931
Clearview Ave, River Ridge to Edmund Way	0.16	mi	\$	32,556
Countryside Dr, Dead end/start to Denmark Ave	0.12	mi	\$	25,208
Crawford Rd, Old Lansing Rd to Marylouise St	0.08	mi	\$	73,086
Denmark Ave, Bobsyl Ln to Corkery Ln	0.12	mi	\$	22,813
Durango Dr, Otter Dr to Chimneyrock Dr	0.27	mi	\$	61,280
Dutch Hill Dr, E St Joe Hwy to Omar St	0.27	mi	\$	75,463
Edmund Way, Willow Hwy to River Ridge Dr	0.12	mi	\$	4,551
Elmwood Rd, Willow Hwy to Greenbriar Rd	0.13	mi	\$	20,757
Fairbanks Dr, Powderhorn Dr to Durango Dr	0.17	mi	\$	27,496
Grand Woods Dr, Willow Hwy to Dead end	0.47	mi	\$	112,667
Greenbriar Rd, Holiday Ln to Elmwood Rd	0.15	mi	\$	29,355
Hamlet Ct, Countryside Dr to Dead end/start	0.04	mi	\$	15,625
Hilltop Dr, Toboggan Ln to Lindy Dr & Pony Tr	0.06	mi	\$	11,835
Holiday Ln, Willow Hwy to River Ridge Dr	0.23	mi	\$	38,960
Jade Dr, Dutch Hill Dr to Omar St	0.21	mi	\$	39,987
Lindy Dr, Willow Hwy to Pony Tr	0.08	mi	\$	13,422
Malta Circle, Dutch Hill Dr to Dead end	0.04	mi	\$	15,536
Marylouise St, Begin to its end	0.14	mi	\$	25,092
Midland Dr, Elmwood Rd to E. Mall Dr	0.14	mi	\$	26,339
Moultrie Cir, Dutch Hill Dr to Dead end	0.06	mi	\$	16,985
Omar St, Dutch Hill Dr to Jade Dr	0.11	mi	\$	23,600

Otter Dr, South Fork Cir to Durango Dr	0.14	mi	\$	24,914
Pepperwood Dr, Asper Dr to Chimneyrock Dr	0.13	mi	\$	24,233
Pony Tr, Toboggan Ln to Armstrong Dr	0.18	mi	\$	33,573
Powderhorn Dr, South Fork Cir to E St Joe Hwy	0.39	mi	\$	68,293
Provincial Ave, Wildon Way to Dead end/start	0.08	mi	\$	14,576
River Ct, River Ridge Dr to Dead end	0.04	mi	\$	16,470
River Ridge Dr, Boxwood Ln to Grandwoods Park Dr	0.86	mi	\$	183,258
Rubina Way, Amberina Dr to Dead end or start	0.06	mi	\$	17,985
Ruby Glass Rd, Lindy Dr to Dead end or start	0.11	mi	\$	17,956
Sierra Dr, Powderhorn Dr to Pepperwood Dr	0.12	mi	\$	18,226
Southfork Cir, Powderhorn Dr to Dead end	0.04	mi	\$	13,741
Toboggan Lane, Armstrong Dr to Pony Trl	0.17	mi	\$	28,125
Wayland Dr, River Ridge Dr to Grandwoods Dr	0.11	mi	\$	23,333
Wildon Way, Provincial Ave to Countryside Dr	0.13	mi	\$	22,552
<i>Total paved miles resurfaced</i>	7.03			

2019 Paved Road Resurfacing -Completed 2020

Apple Ridge Dr, Kenway Dr to Chanticleer Tr	0.12	mi	\$	10,272
Applewood Dr, Plum Hollow Dr to Plum Hollow Dr	0.25	mi	\$	72,772
Barton Rd, Waverly Rd to its end	0.62	mi	\$	154,693
Bentwood Dr, Fieldcrest Dr to Blackberry Ln	0.09	mi	\$	22,238
Berrywood Pl, Applewood Dr to its end	0.03	mi	\$	14,312
Blackberry Ln, Maycroft Rd to Barton Dr	0.40	mi	\$	59,936
Chanticleer Trl, Farmstead Ln to Green Meadows Dr	0.46	mi	\$	96,115
Dorene Dr, Elmwood Rd to its end	0.09	mi	\$	23,032
Farmstead Ln, St Joe Hwy to Chanticleer Trl	0.44	mi	\$	100,629
Fieldcrest Dr, Maycroft Rd to Bentwood Dr	0.17	mi	\$	34,850
Grape Arbor Ln, Elmwood Rd to Lotipac Pl	0.22	mi	\$	38,933
Green Meadows Dr, Kenway Dr to Michigan Ave	0.37	mi	\$	78,428
Kenilworth Dr, Fieldcrest Dr to Blackberry Ln	0.10	mi	\$	17,580
Kenway Dr, St Joe Hwy to Green Meadows Dr	0.50	mi	\$	98,984
Lotipac Pl, Palisade Dr to Grape Arbor Ln	0.06	mi	\$	21,482
Mar-Moor Dr, Willow Hwy to to Waverly Rd	0.67	mi	\$	89,799
Maycroft Rd, Arden Rd to Sherwood Ln	0.11	mi	\$	64,058
Palisade Dr, Spearberry Ln to Lotipac Pl	0.06	mi	\$	26,790
Plum Hollow Dr, Elmwood Rd to Maycroft Rd	0.28	mi	\$	74,359

Sagebrush, Grape Arbor to End	0.04 mi	\$	1,425
Shady Hill Lane, Willow Hwy to Barton Dr	0.25 mi	\$	46,744
Shannon Ln, Fieldcrest Dr to Blackberry Ln	0.11 mi	\$	62,447
Sherwood Ln, Blackberry Ln to its end	0.04 mi	\$	17,780
Spearberry Ln, Plum HollowDr to Palisade Dr	0.06 mi	\$	15,796
<i>Total paved miles resurfaced</i>	5.53		

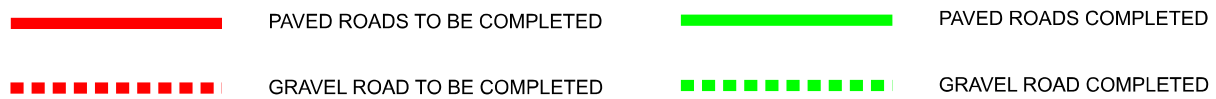
County-Wide Dust Control:

8.01 mi \$ 7,606

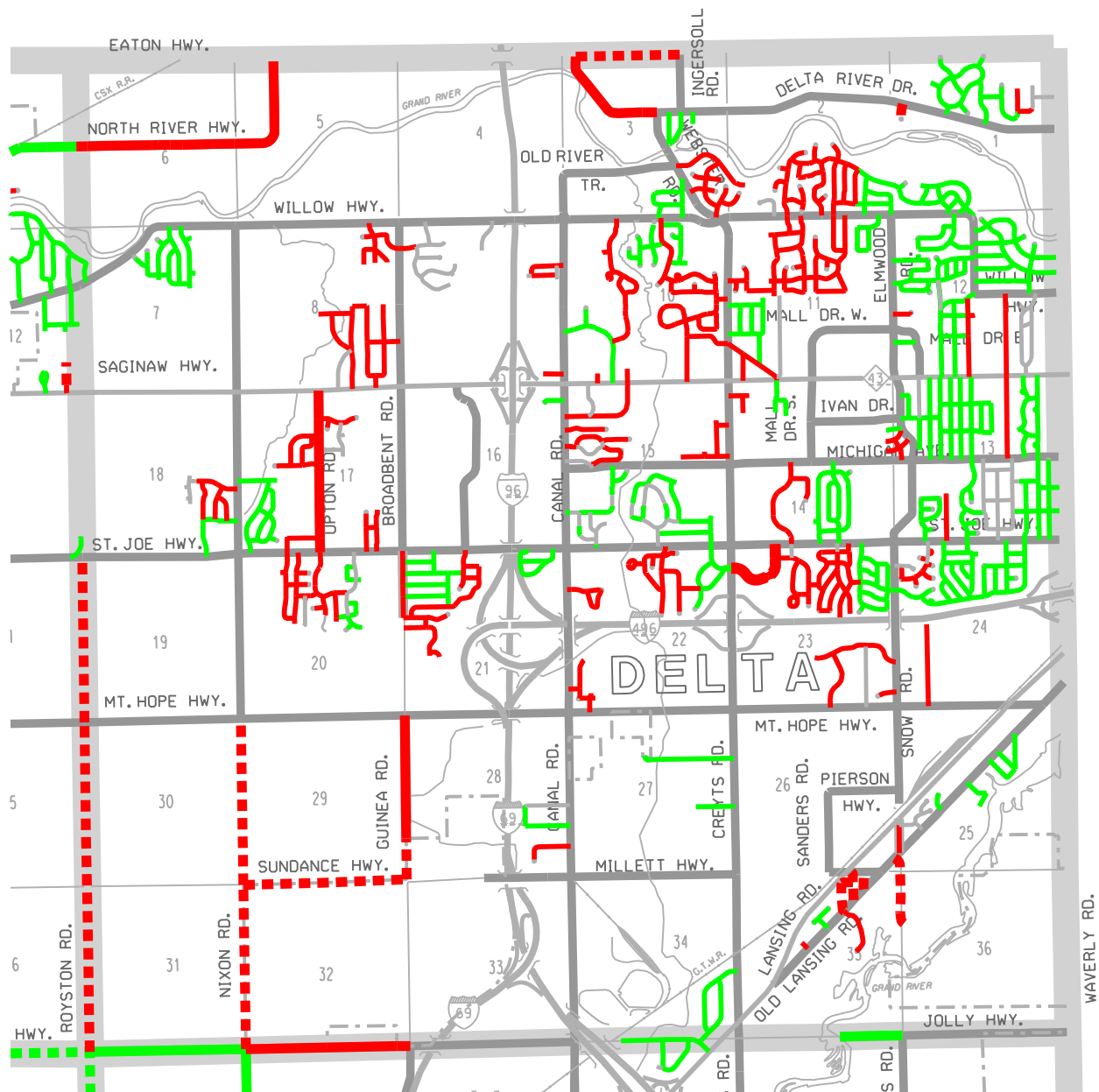


MILLAGE PROGRAM STATUS - ENDING 12/31/2020

DELTA TOWNSHIP



REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

EATON TOWNSHIP

Paved Road Resurfacing:

S Stewart Rd, Mills Hwy to E Clinton Trl	2.01	mi	\$	218,085
<i>Total paved miles resurfaced</i>	2.01			

County-Wide Dust Control:

18.61 mi \$ 17,579

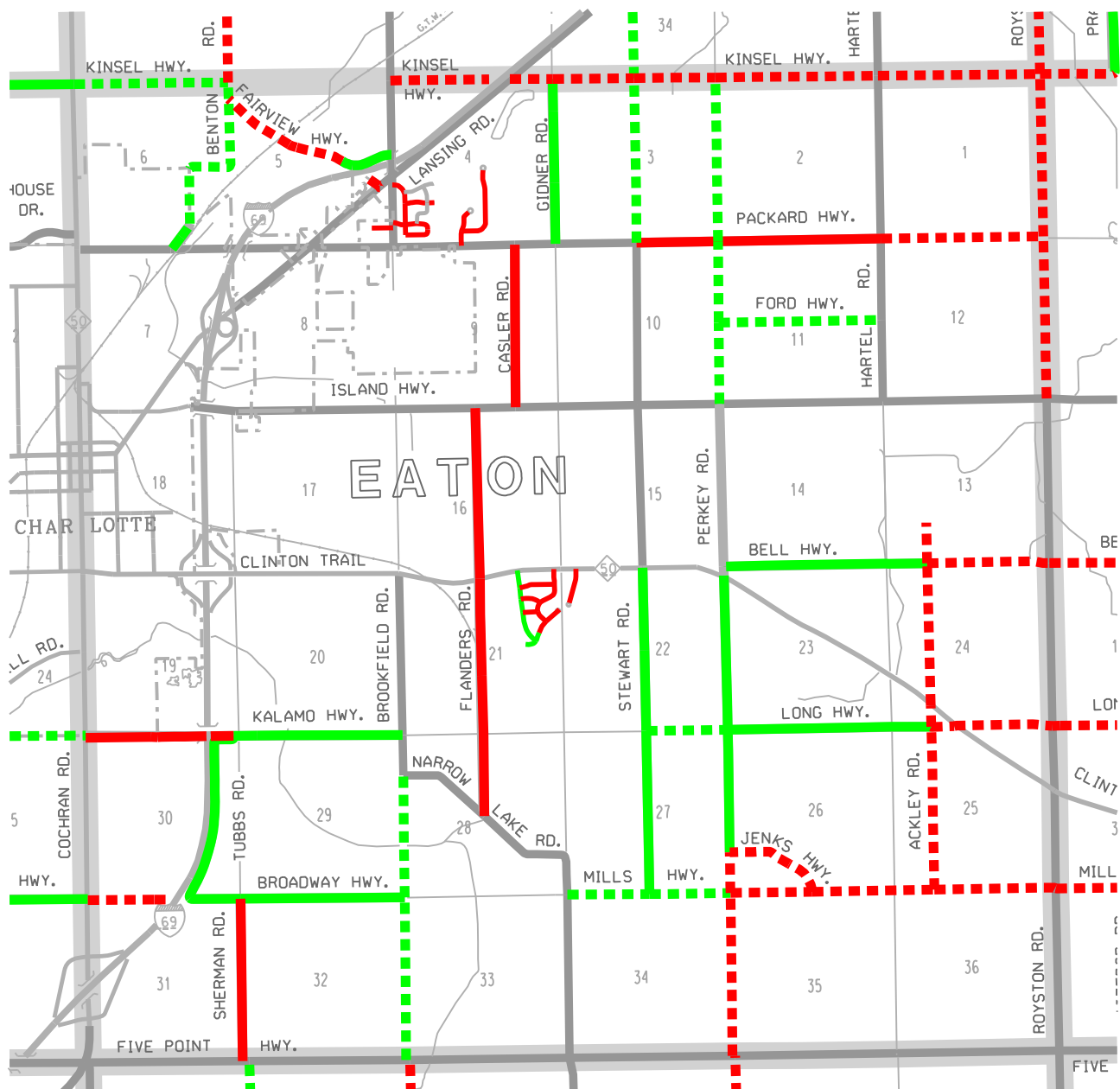


MILLAGE PROGRAM STATUS - ENDING 12/31/2020

EATON TOWNSHIP

	PAVED ROADS TO BE COMPLETED		PAVED ROADS COMPLETED
	GRAVEL ROAD TO BE COMPLETED		GRAVEL ROAD COMPLETED

REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

EATON RAPIDS TOWNSHIP

Paved Road Resurfacing:

Arch Rd, Barnes Rd to Toles Rd	1.00	mi	\$	104,254
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<i>Total paved miles resurfaced</i>	<u>1.00</u>
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County-Wide Dust Control:

35.70	mi	\$	32,786
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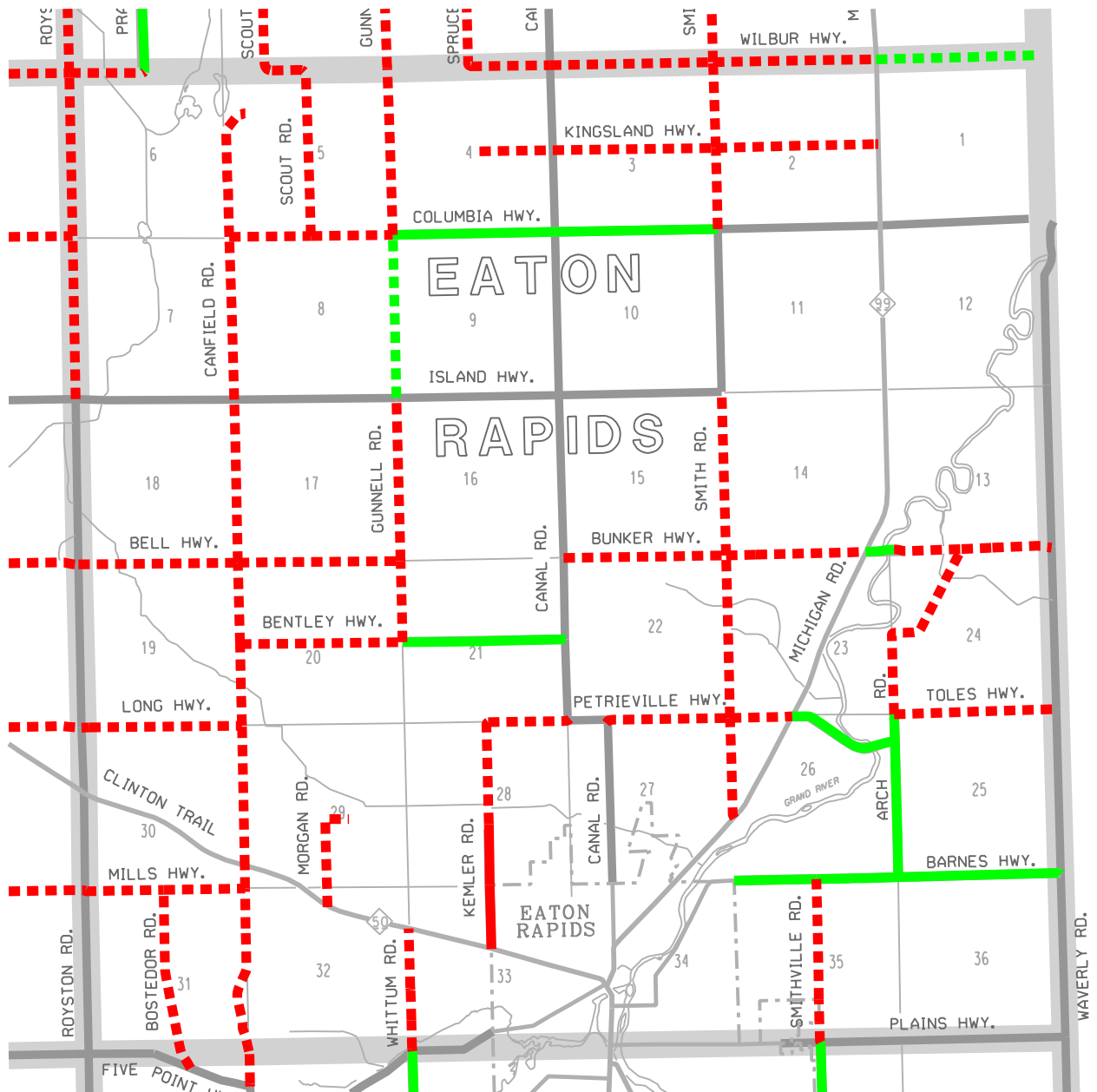


MILLAGE PROGRAM STATUS - ENDING 12/31/2020

EATON RAPIDS TOWNSHIP

	PAVED ROADS TO BE COMPLETED		PAVED ROADS COMPLETED
	GRAVEL ROAD TO BE COMPLETED		GRAVEL ROAD COMPLETED

REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

HAMLIN TOWNSHIP

Gravel Road Resurfacing:

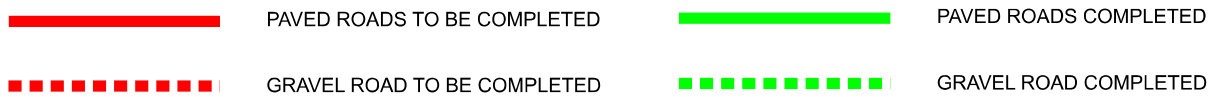
Hale Hwy, Kinneville Rd to Tucker Rd	0.46	mi	\$	8,528
Hogsback Rd, E Spicerville Hwy to City/Twp Line	0.62	mi	\$	10,823
Taylor Rd, Tucker Rd to VFW Hwy	0.29	mi	\$	5,521
Tucker Rd, Kinneville Rd to VFW Hwy	1.22	mi	\$	24,037
<i>Total paved miles resurfaced</i>	2.59			

County-Wide Dust Control:

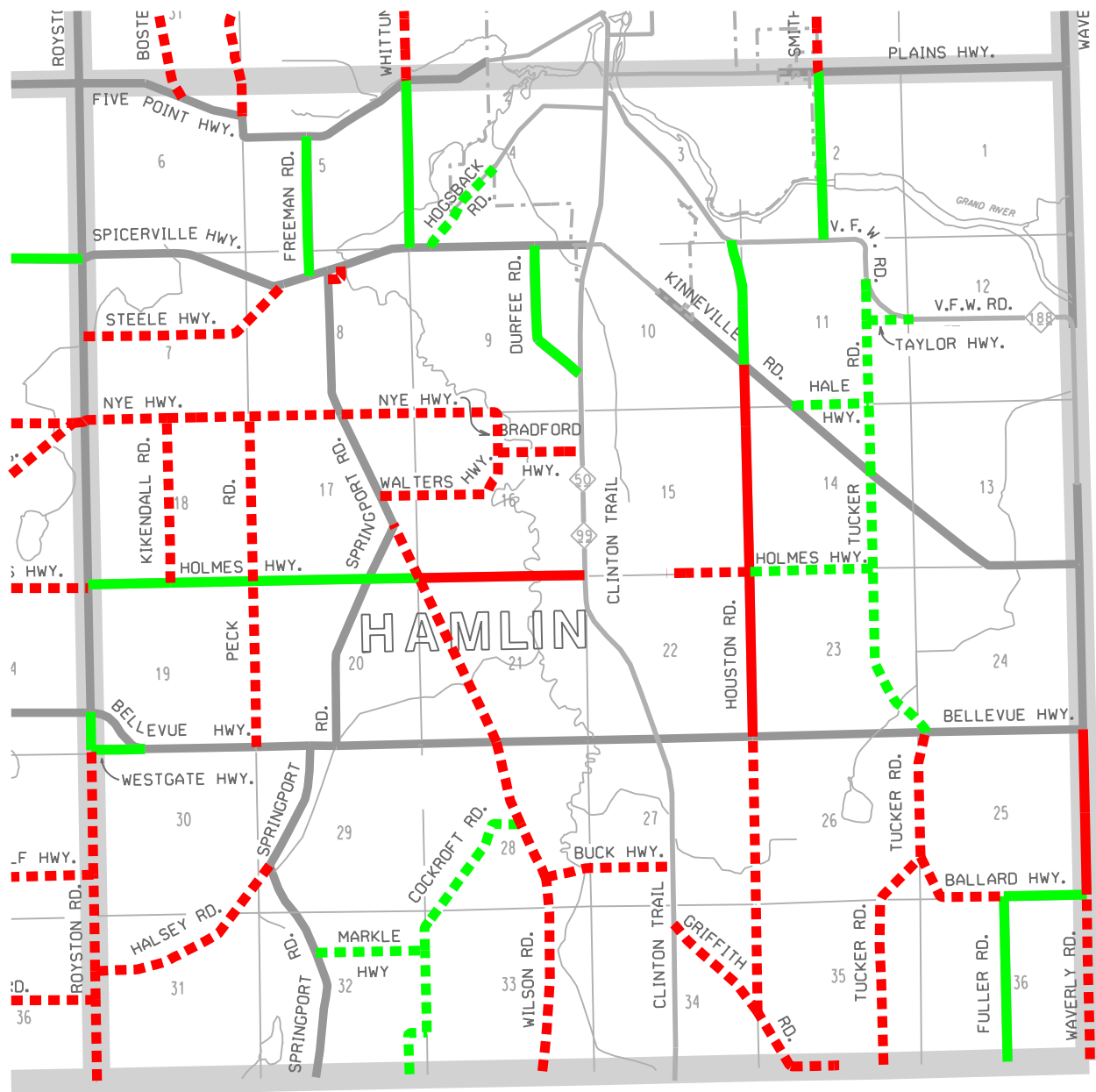
31.76	mi	\$	31,702
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MILLAGE PROGRAM STATUS - ENDING 12/31/2020

HAMLIN TOWNSHIP



REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

KALAMO TOWNSHIP

Paved Road Resurfacing:

Carlisle Hwy, S Ionia Rd to Perry Rd	1.00	mi	\$	112,460
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<i>Total paved miles resurfaced</i>	<u>1.00</u>
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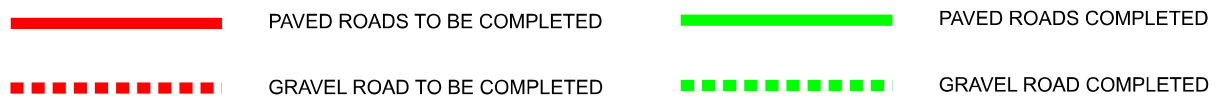
County-Wide Dust Control:

39.10	mi	\$	36,525
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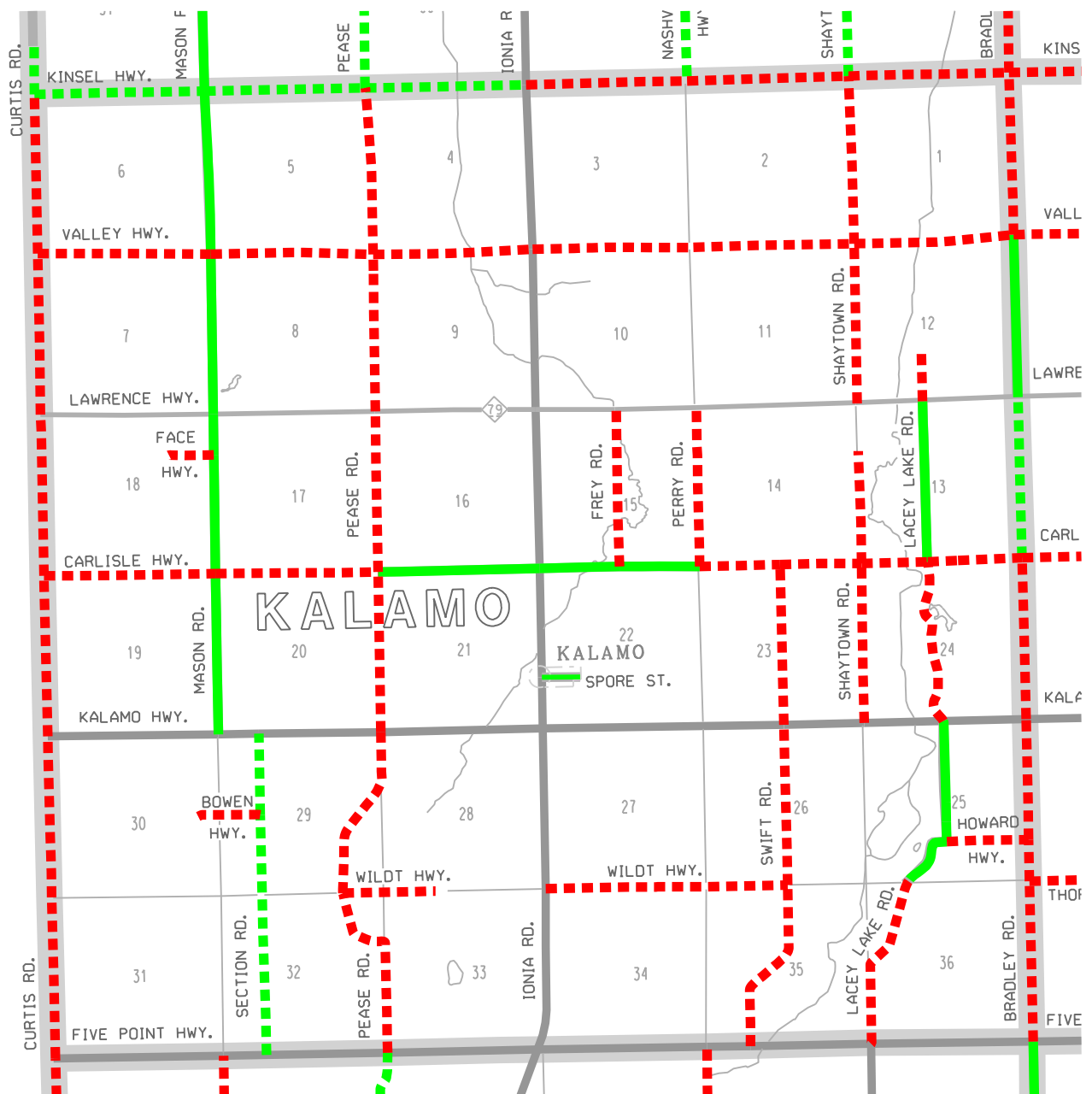


MILLAGE PROGRAM STATUS - ENDING 12/31/2020

KALAMO TOWNSHIP



REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

ONEIDA TOWNSHIP

Paved Road Resurfacing:

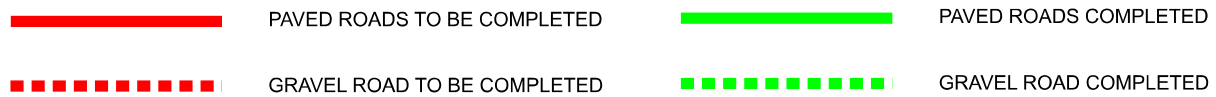
Maywood Dr, E Saginaw Hwy to Ruth Dr	0.15	mi	\$	14,427
Ruth Ave, Maywood Dr to Maywood Dr	0.08	mi	\$	10,238
E Strange Hwy, Benton Rd to Oneida Rd	2.00	mi	\$	362,074

Total paved miles resurfaced 2.23

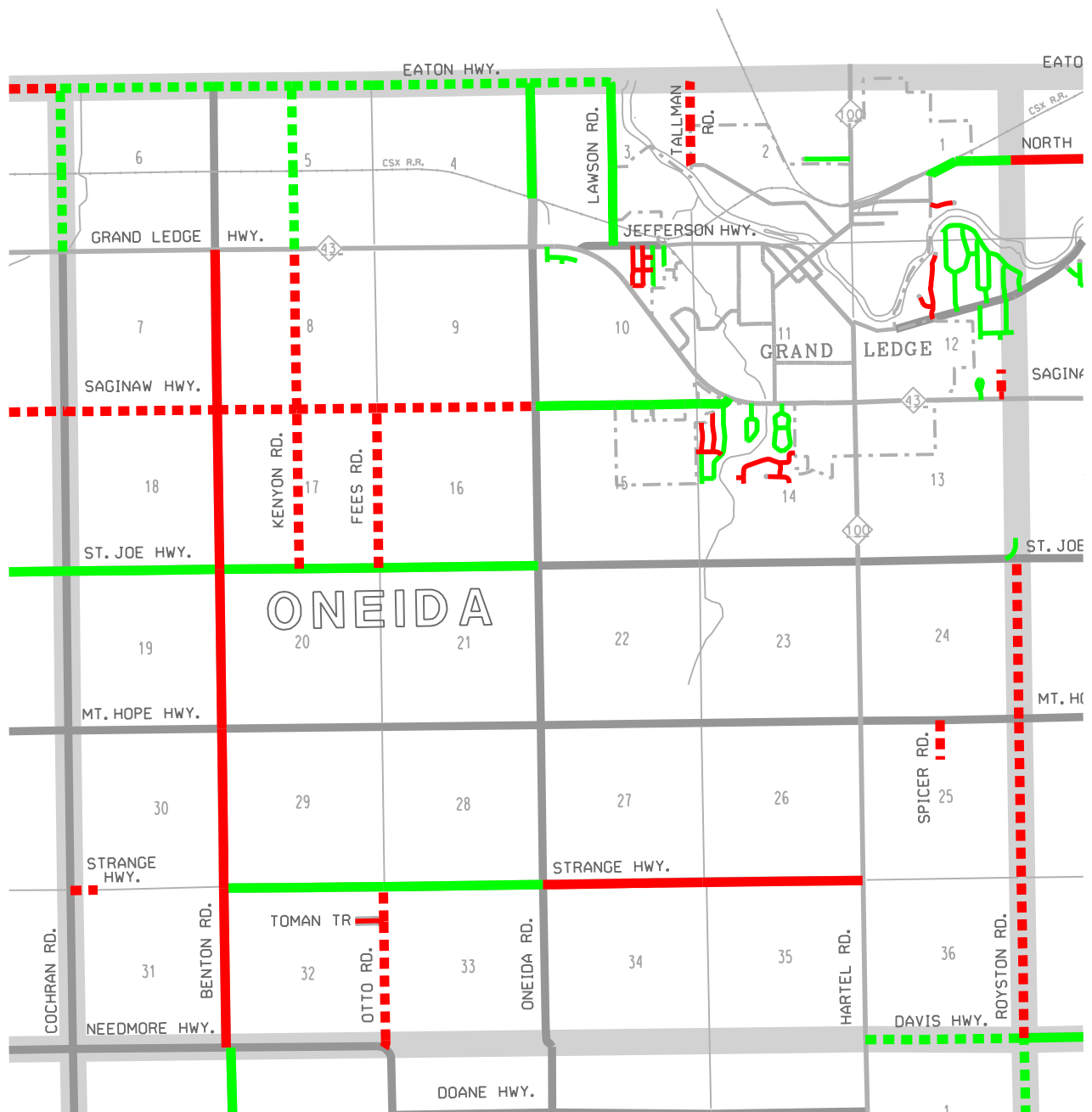
<i>County-Wide Dust Control:</i>	14.74	mi	\$	7,606
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MILLAGE PROGRAM STATUS - ENDING 12/31/2020

ONEIDA TOWNSHIP



REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

ROXAND TOWNSHIP

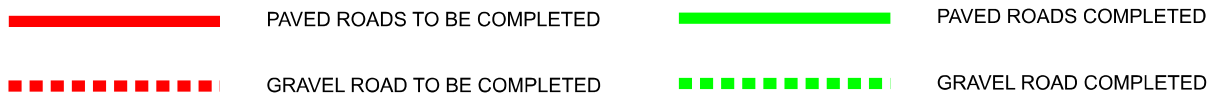
Paved Road Resurfacing:

W St Joe Hwy, Section line to Mulliken Rd	<u>1.01</u>	mi	\$	134,678
<i>Total paved miles resurfaced</i>	1.01			

<i>County-Wide Dust Control:</i>	34.52	mi	\$	31,914
---	-------	----	----	--------

MILLAGE PROGRAM STATUS - ENDING 12/31/2020

ROXAND TOWNSHIP



REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

SUNFIELD TOWNSHIP

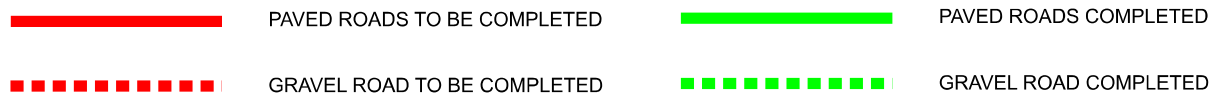
Paved Road Resurfacing:

Granger Hwy, Brown Rd to M-50	1.99	mi	\$	484,169
<i>Total paved miles resurfaced</i>	1.99			

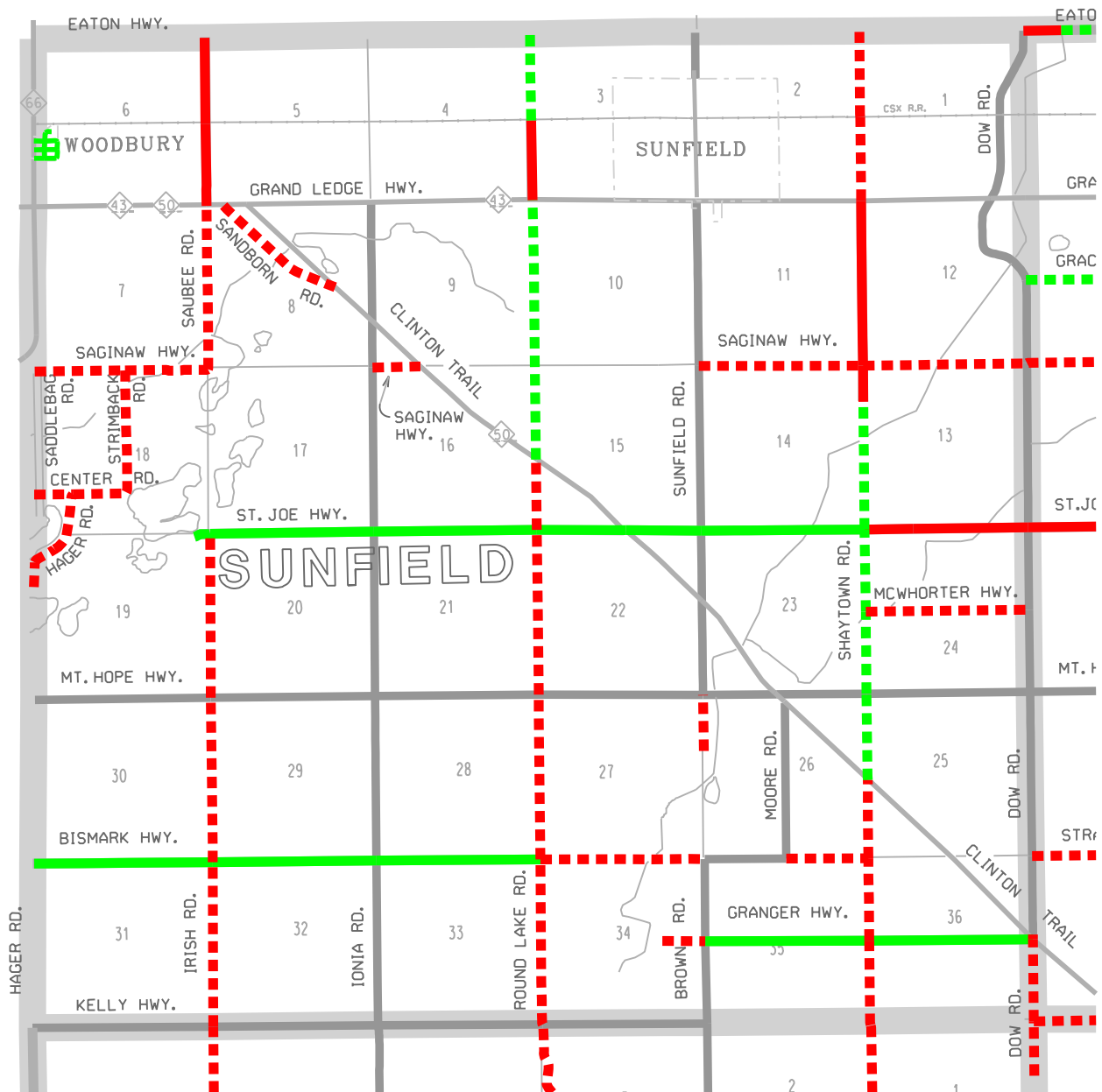
<i>County-Wide Dust Control:</i>	23.74	mi	\$	22,608
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MILLAGE PROGRAM STATUS - ENDING 12/31/2020

SUNFIELD TOWNSHIP



REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

VERMONTVILLE TOWNSHIP

Gravel Road Resurfacing:

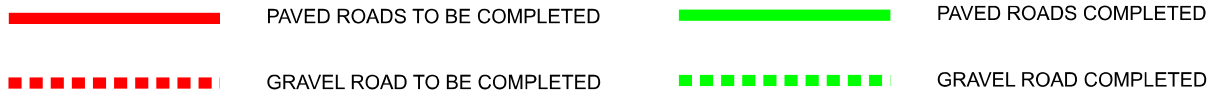
Nashville Hwy, N Ionia Rd to W Kinsel Hwy	2.37	mi	\$	44,685
N Shaytown Rd, W Kinsel Hwy to W Vermontville Hwy	2.00	mi	\$	41,486

<i>Total gravel miles resurfaced</i>	4.37
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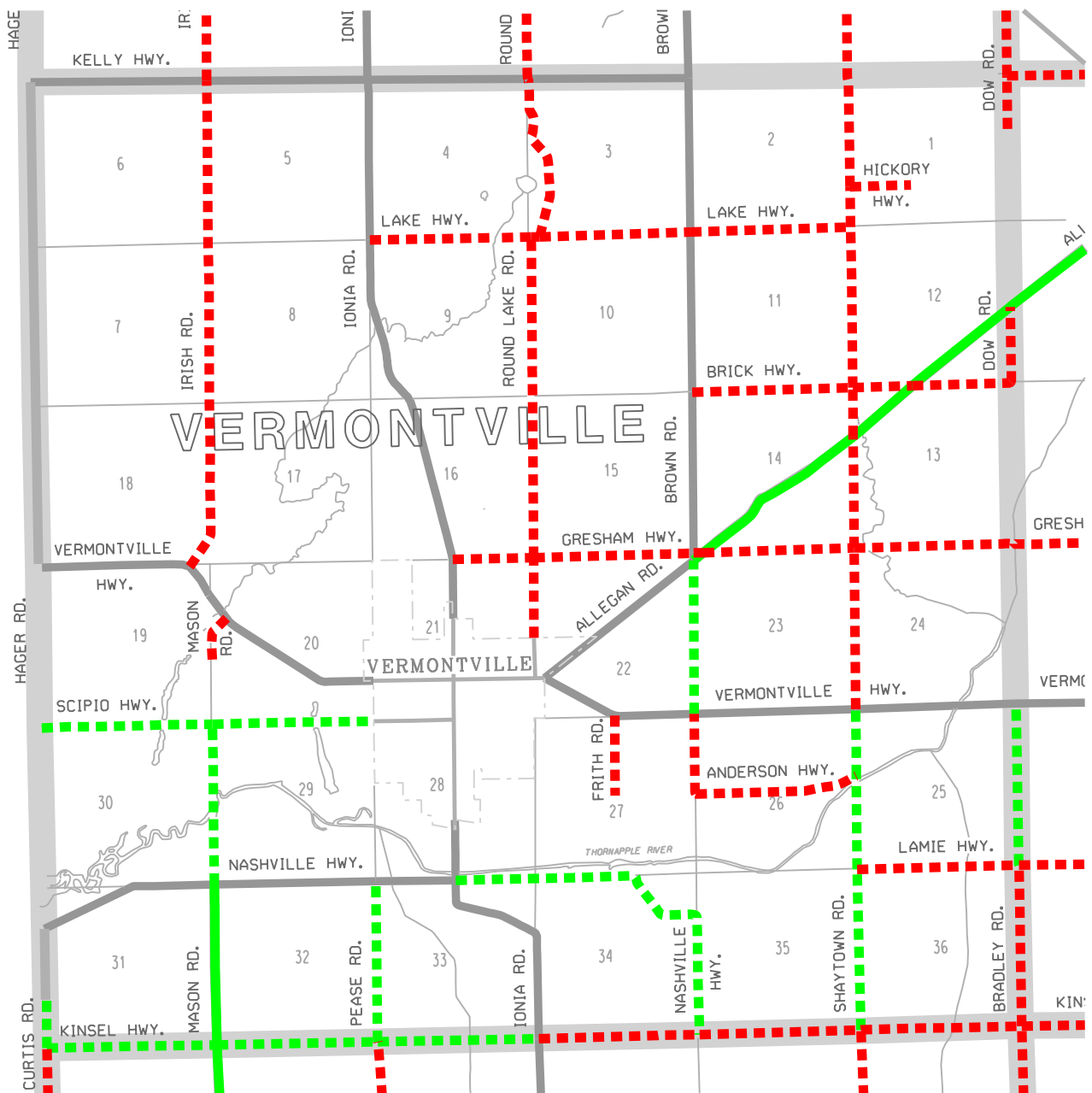
County-Wide Dust Control:	38.57	mi	\$	36,045
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MILLAGE PROGRAM STATUS - ENDING 12/31/2020

VERMONTVILLE TOWNSHIP



REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

WALTON TOWNSHIP

Paved Road Resurfacing:

S Bradley Rd, W Spicerville Hwy to W Five Point Hwy	1.01	mi	\$	148,061
<i>Total paved miles resurfaced</i>	1.01			

Gravel Road Resurfacing:

Sherwood Hwy, City /Twp line to end of gravel	0.16	mi	\$	2,908
<i>Total gravel miles resurfaced</i>	0.16			

County-Wide Dust Control:

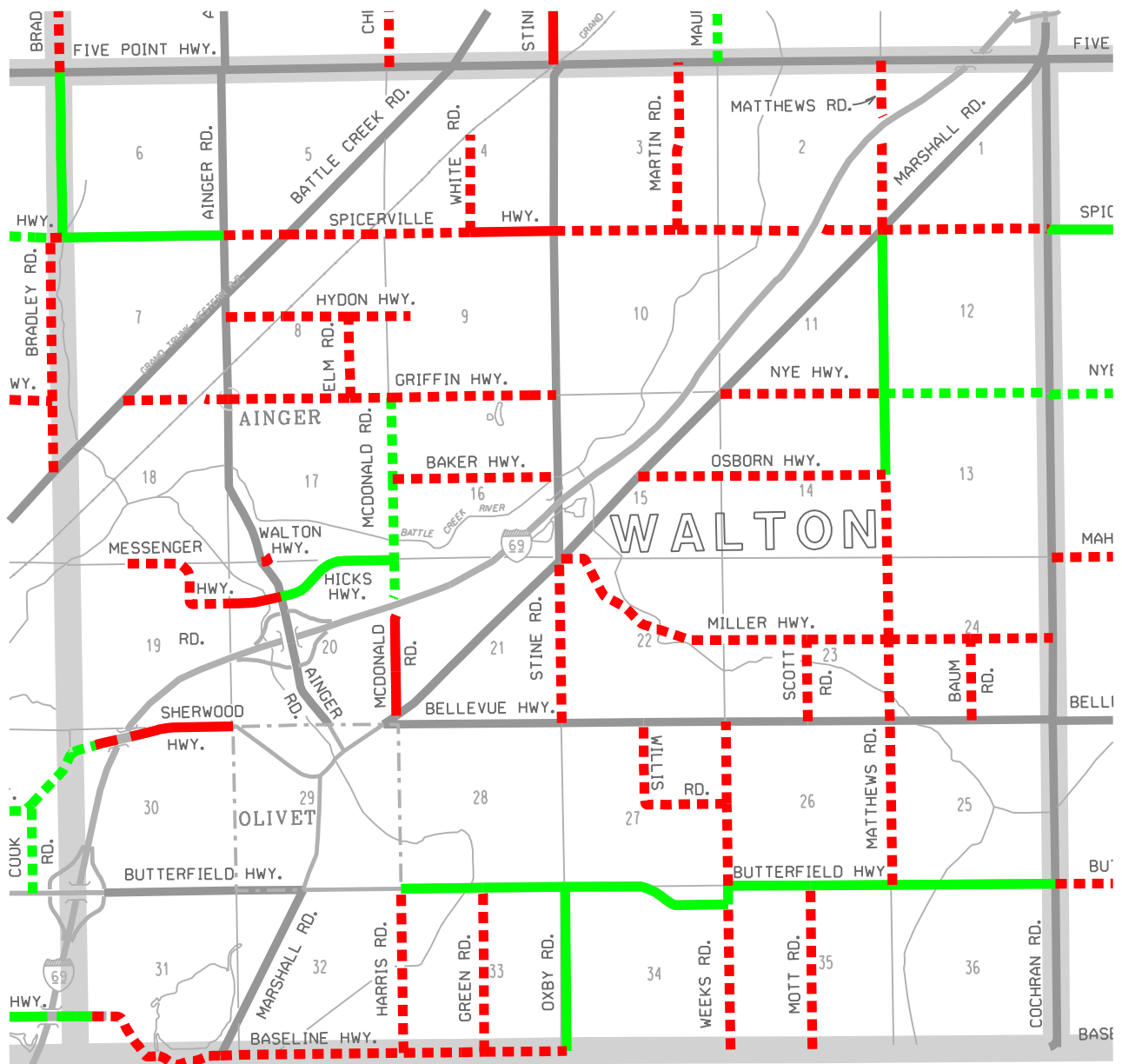
35.42	mi	\$	32,123
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MILLAGE PROGRAM STATUS - ENDING 12/31/2020

WALTON TOWNSHIP

	PAVED ROADS TO BE COMPLETED		PAVED ROADS COMPLETED
	GRAVEL ROAD TO BE COMPLETED		GRAVEL ROAD COMPLETED

REVISION DATE: 02-09-2021



2020 LOCAL ROAD MILLAGE PROGRAM

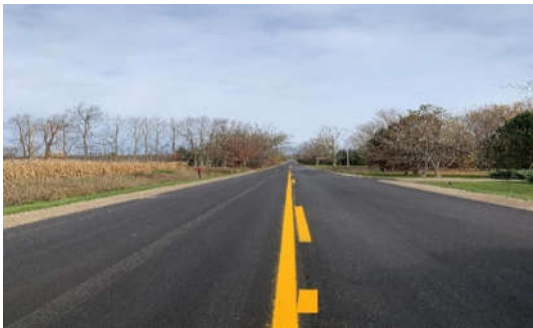
WINDSOR TOWNSHIP

Paved Road Resurfacing:

Nixon Rd, Rossman Hwy to W Vermontville Hwy	1.00	mi	\$	223,905
Pray Rd, E Kinsel Hwy to Rossman Hwy	1.00	mi	\$	232,250
Rossman Hwy, Pray Rd to Nixon Rd	0.25	mi	\$	83,878
<i>Total paved miles resurfaced</i>	<u>2.25</u>			

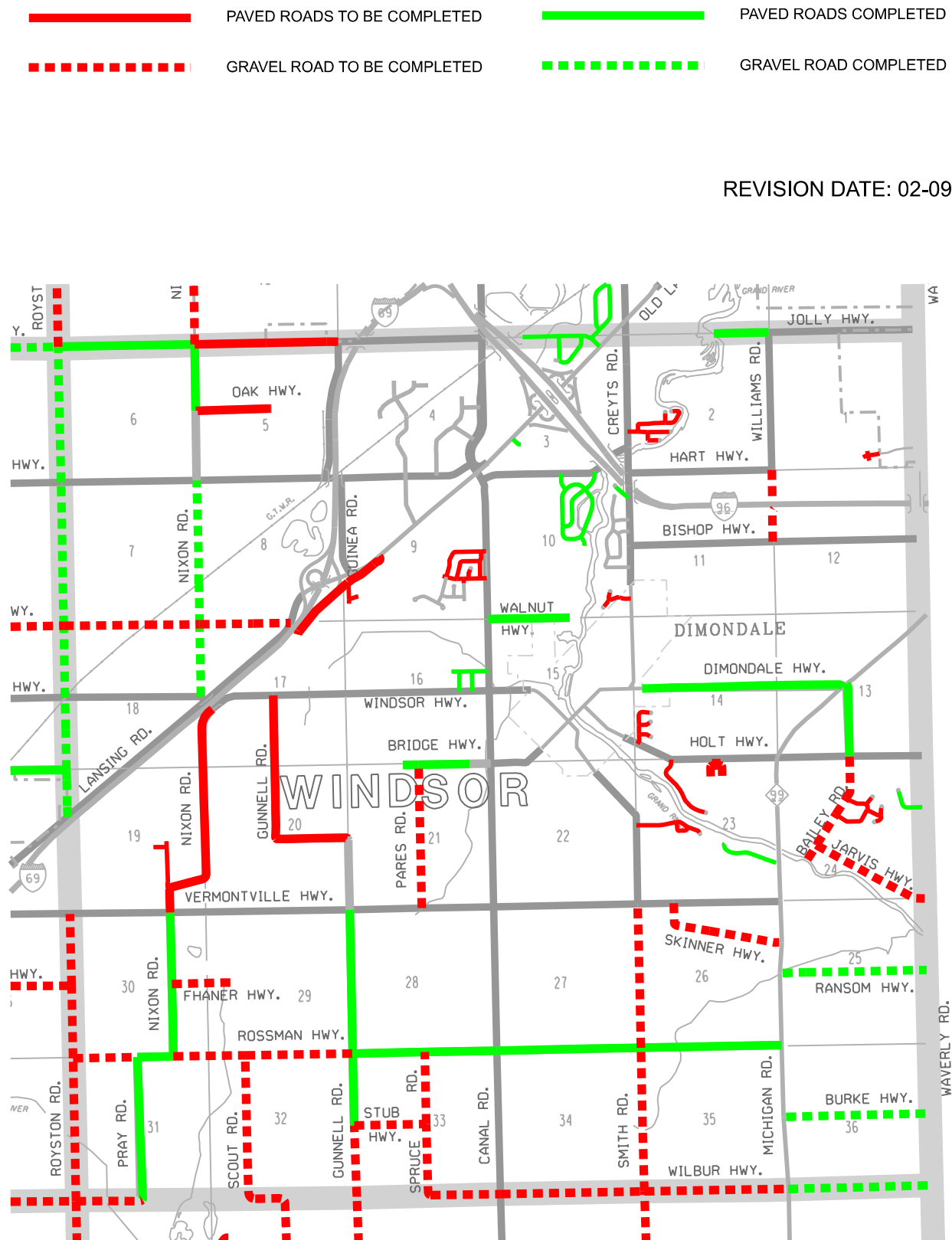
County-Wide Dust Control:

26.10 mi \$ 25,570



MILLAGE PROGRAM STATUS - ENDING 12/31/2020

WINDSOR TOWNSHIP



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EATON COUNTY ROAD COMMISSION

POLICY NO. 2014-01: LOCAL ROAD MILLAGE PROGRAM PROJECT SELECTION GUIDELINES

The citizens of Eaton County approved the following ballot proposal at the general election held November 14, 2014:

For the sole purpose of funding the rehabilitation, restoration, and resurfacing of existing paved and gravel surfaced county local roads within the townships and municipal streets in Eaton County, and including two (2) applications of dust control each year on all gravel surfaced county local roads within the townships in Eaton County, shall the Constitutional limitation upon the total amount of taxes which may be assessed in one (1) year upon all property within the County of Eaton, Michigan be increased, and shall the County be authorized to levy, up to 1.5000 of a mill (\$1.5000 on each \$1,000 dollars of taxable value) for a period of twelve (12) years, 2014 to 2025, inclusive?

The Board of Road Commissioners hereby establishes the Local Road Millage Program and adopts the following policy regarding the planning and project selection process using all funds from the millage levied annually by the Board of Eaton County Commissioners as authorized by the ballot proposal.

Project Eligibility

Consistent with the conditions in the ballot language, all restoration, rehabilitation and resurfacing projects to be included in the Millage Program shall be chosen from those paved local roads identified as being in poor or fair condition on the 2014 local paved road condition inventory as published, or shall be an existing gravel surfaced local road. Millage funds shall not be expended for any purpose on county Primary roads or state highways.

The scope of all projects shall be limited to the restoration, rehabilitation and resurfacing of existing roads. Millage funds shall not be used to construct new roads or to reconstruct and/or place new pavement on existing gravel roads. Millage funds shall not be used for minor or routine maintenance activities including but not limited to snow removal, brush cutting, pothole patching, mowing, etc.

Road restoration, rehabilitation and resurfacing projects in the Millage Program may include incidental repairs or replacements of cross road culverts, catch basins and minor drainage structures as may be necessary to facilitate the road work. Millage funds shall not be used to reconstruct, widen or replace bridges or large drainage structures or culverts originally built to convey drainage that does not originate on the road project.

Project Planning Process

Each year's Millage Program will be designed to accomplish approximately 1/12th of the overall program in each township. Adjustments in the extent of each year's program shall be made as necessary to meet budget requirements.

Projects that are proposed to be included in the annual program will be reviewed and approved as a preliminary list by the Board of Eaton County Road Commissioners during the month of December each year.

A tabulation and description of those projects on the preliminary list in each township will be provided to each township board by January 1st each year for review and comment and will be posted on the Road Commission's web site and provided to the County Board of Commissioners and the public.

The Road Commission Board will review and consider comments and information received regarding the projects on the preliminary list until February 15th each year, and may add, delete or modify projects in the annual program as they determine appropriate. The Road Commission Board will approve a final list of projects included in the annual program before March 1st each year, and will post the final list on the Road Commission's web site and provide the list to the County Board of Commissioners and the public.

Project Selection Guidelines

A. Paved local roads

Road segments included in the program each year will initially be prioritized by lowest PASER rating on local roads in each township separately, and within that listing further prioritized by the following criteria:

1. PASER Road segments considered for projects shall be shortened, lengthened, or combined as necessary to be made continuous from intersection to intersection, and may include shorter segments with a higher PASER rating when necessary to achieve continuity.
2. Projects on road segments using similar type work will be grouped together as much as possible in combination with other criteria.
3. Road segments in a recognizable neighborhood, subdivision, or locale should be grouped or combined and completed at the same time. Grouped segments may include shorter segments with a higher PASER rating when this is necessary to complete an entire neighborhood or subdivision, or as may be needed to avoid creating short or isolated road segments with different pavement condition ratings.

4. Projects may be advanced in timing or delayed to subsequent years as needed to:
 - a. Coordinate with planned utility or other construction work affecting those segments by other agencies such as the Drain Commission, Township or city sewer and water departments and other public utilities, significant private development, and construction on adjacent Primary roads or state highways.
 - b. Meet annual budgetary constraints.

B. Gravel surfaced local roads

Projects will initially be prioritized by the age of the existing surface material on each road segment in each township separately, and within that listing then further prioritized by the following criteria:

1. Safety
2. Road segments with higher existing or expected traffic volumes will be given a higher priority.
3. Road segments with low traffic volumes and/or dead end segments will be given lower priority.
4. Road segments considered for projects shall be shortened, lengthened, or combined as necessary to be made continuous from intersection to intersection.
5. Road segments that are a continuation of prior year's projects and/or that will complete a continuous route between paved cross roads will be given higher priority.
6. Projects may be advanced in timing or delayed to subsequent years as needed to:
 - a. Coordinate with planned utility or other construction work affecting those segments by other agencies such as the Drain Commission, Township or city sewer and water departments and other public utilities, planned major private development, and construction on adjacent Primary roads or state highways.
 - b. Meet annual budgetary constraints.

Chloride Dust Control

The Road Commission will place two applications of chloride dust control on all gravel surfaced local roads each year during the millage period. Dust control application shall be made continuous from intersection to intersection and not applied as a spot treatment. Application will be made as weather permits in the late spring and in mid to late summer.

Reporting

Each year the Road Commission will prepare and publish a year-end report on the activity and progress of the Local Road Millage Program separate from other reports by the Road Commission. The report will contain both annual and cumulative financial information over the duration of the millage levy.

*Adopted by the Board of Eaton County Road Commissioners on **December 23, 2014.***

*Revisions adopted by the Board of Eaton County Road Commissioners on **September 12, 2017.***

Supplemental Annual Report

2019-2020



Eaton County
Road Commission



1112 Reynolds Road | Charlotte, MI 48813 | 517-543-1630

www.eatoncountyrroad.com

Version 3-21

SUPPLEMENTAL ANNUAL REPORT

OCTOBER 1, 2019 – SEPTEMBER 30, 2020

Board of Eaton County Road Commissioners



Benjamin S. Lyons
CHAIR
Term expires: 12-31-26



**Timothy J.
Lamoreaux**
VICE CHAIR
Term expires: 12-31-2022



Jerry L. Frazier
MEMBER
Term expires: 12-31-22



Duane A. Eldred
MEMBER
Term expires: 12-31-25



**Lauren K. Aitch-
Guerrant**
MEMBER
Term expires: 12-31-25

Blair E. Ballou, P.E., Engineer-Manager

Patricia M. Loosemore, Finance Director

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INTRODUCTION

The Eaton County Road Commission was established in 1912 by resolution of the County Board of Supervisors and charged by law with the duty “to keep in reasonable repair, so that they shall be reasonably safe and convenient for public travel, all county roads, bridges, and culverts that are under their care and control, and which are open to public travel.” State law also requires the Road Commission to permit and regulate certain activities in road right-of-way, authorizes the Road Commission to set reasonable standards for adopting new roads into the county system and to enforce state restrictions on vehicle size and weight on county roads.

Over the past 109 years, the Eaton County road system has grown to include over 391 miles that are now designated as Primary roads. Passage of the McNitt Act in 1931 abolished the old township road system and transferred over 650 miles of township roads to the Road Commission. These old township roads, together with over 125 miles of subdivision streets built since that time, make up what is now the nearly 783-mile system of County Local roads. Overall, 57%, or 676 miles, of all Eaton County roads are paved, with the remaining 500 miles being gravel surfaced but otherwise unimproved.

Routine maintenance by Road Commission workers is organized into four service areas. Crews working in the southeast and southwest areas of the County operate out of the main garage in Charlotte. The northwest quarter of the County is served by the crew based in Vermontville, and the northeast area covered by workers from our garage in Delta Township.

While the Road Commission continues to use its own forces for emergency and minor repairs, and most of the routine maintenance of snow removal, gravel blading and seal coating, all road and bridge construction and most other heavy maintenance work is performed by private contractors selected through competitive bids. Many other routine maintenance operations that require specialized equipment such as mowing, pavement markings and street sweeping are also provided by private firms. The dollar amount contracted with private companies in fiscal year 2019-2020 equaled 66% of the total expenditures for road maintenance and construction.

On Primary roads in 2020, the Road Commission was able to use funding from the Michigan Transportation Fund (MTF) to resurface 19.4 miles of primary roads using hot mix asphalt, and also placed a new sealcoat surface with fog seal on an additional 43 miles. Using federal USTP grant funds, the Road Commission began a \$600,000 resurfacing and lane conversion project on

Michigan Avenue from Dibble Avenue to Creyts Road in Delta township. That project will be completed in the summer of 2021. Using federal RSTP grant funds along with state economic development grant funds, the road commission rehabilitated and repaved 3.5 miles of Battle Creek Road from Bradley Road to Five Point Highway at a total construction cost of \$1,500,000.

One Primary Road Bridge was replaced in 2020 on Mt. Hope Highway over Sebewa Creek in Sunfield Township. State and federal critical bridge grant funds paid 95% of the \$850,000 total cost of the project. Using a portion of the increased MTF funds, the Road Commission was able to replace a large culvert on Royston Road over the Mills and Post drain in Brookfield and Hamlin townships, and replaced several other crossroad culverts as needed on Primary road resurfacing projects throughout the county.

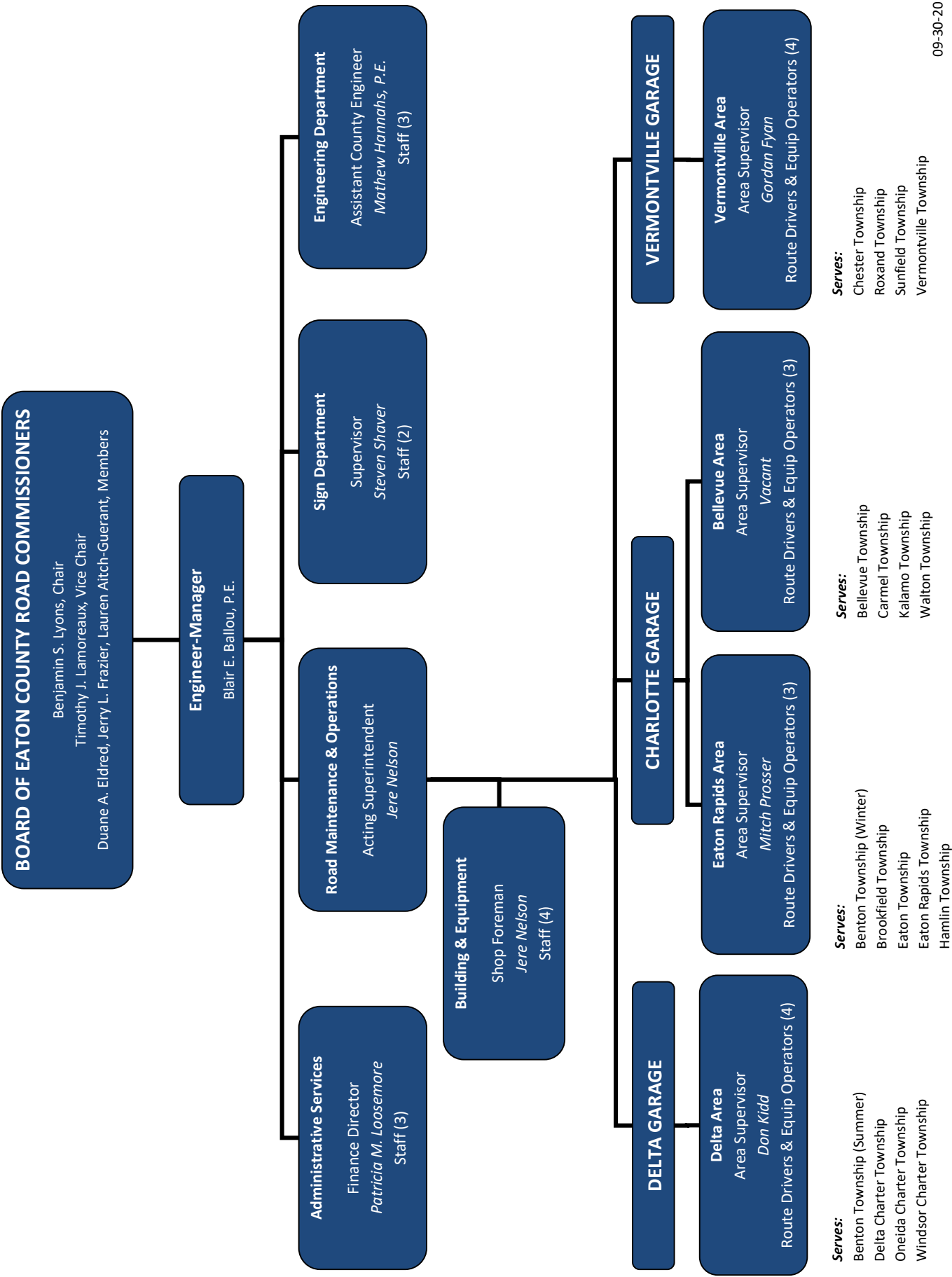
On Local Roads, 2020 marked the half-way point of the 12-year road rehabilitation program funded by the county-wide road millage. The Road Commission repaired and resurfaced 26.6 miles of paved Local Roads and re-graded and re-graveled 16 miles of unimproved Local Roads using millage funds supplemented with state MTF revenue. While all completed millage program projects are noted in the following pages, a supplemental multi-year report regarding the millage program projects and additional information is available separately.

No Local road bridges were replaced in 2020, but over 4 dozen crossroad culverts were repaired, replaced and extended as needed on Local Road resurfacing and re-gravelling projects, or as were requested through cost sharing agreements with Township Boards as noted in the township section of the report.

While the Road Commission's first priority is public safety on all county roads, the Road Commission continues to utilize state Asset Management principals in working towards keeping the existing good roads in Eaton County in good condition, rather than deferring preventive maintenance on those roads in order to pay for the improvement and/or construction of new paved roads.

Recognizing the need for long range planning for improvements on the county road system, the Road Commission participates in the Tri-County Regional Planning Commission planning process, and actively seeks and competes for federal and state grant funds and other local government funds for specific improvement projects whenever possible.

The Road Commission welcomes comments, suggestions and discussion on both programs and specific projects at any time.



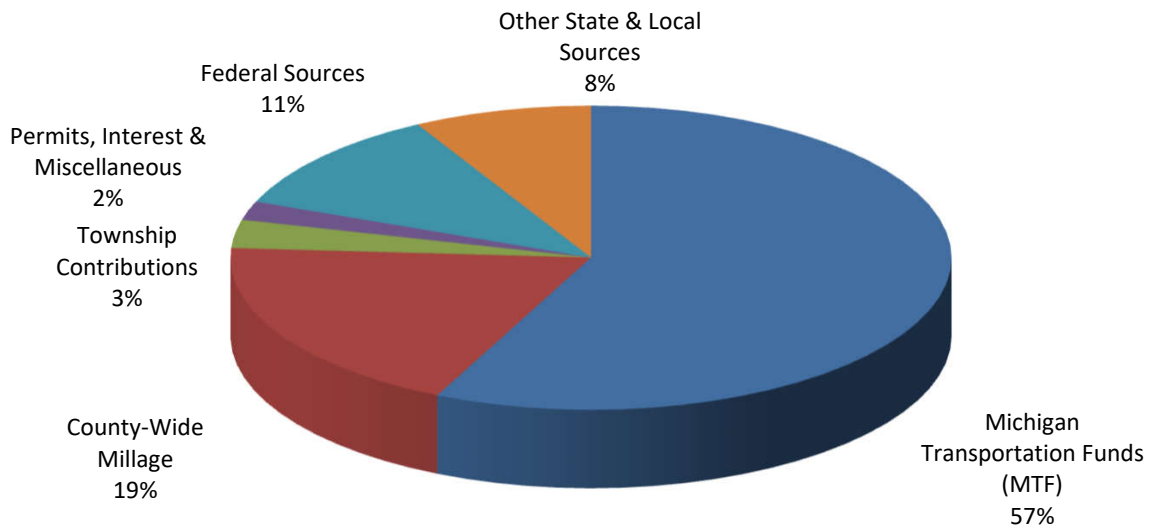
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FINANCIAL SUMMARY

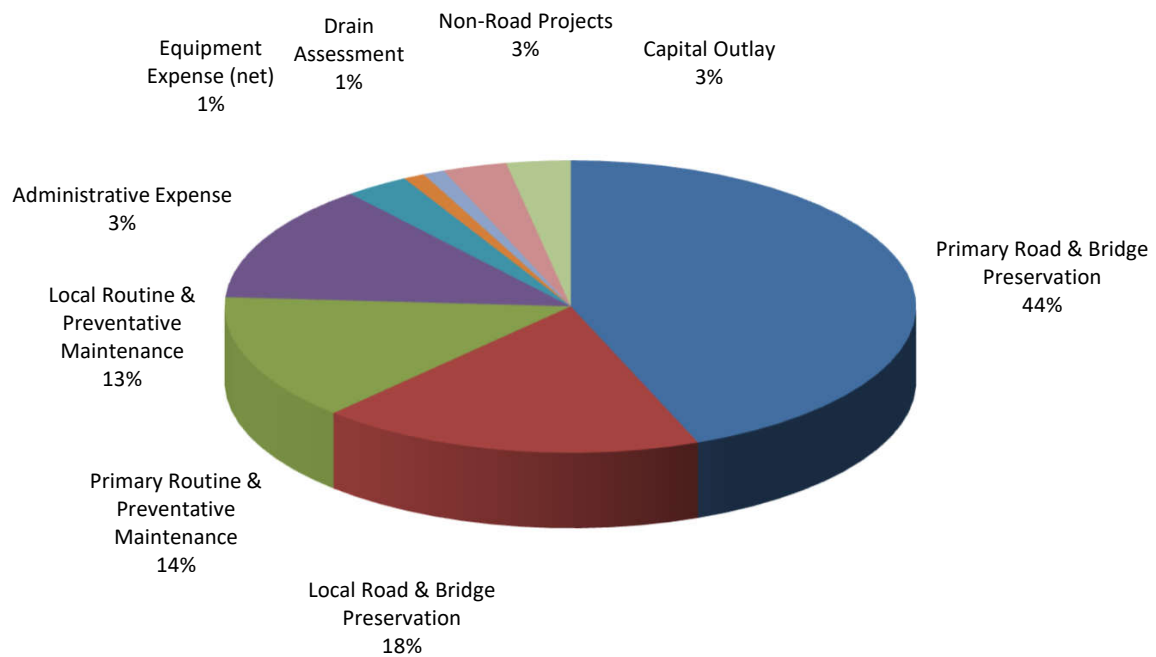
	2016-2017 ACTUAL	2017-2018 ACTUAL	2018-2019 ACTUAL	2019-2020 ACTUAL	2020-2021 BUDGET
REVENUES					
County-Wide Millage	\$ 3,964,117	\$ 4,088,338	\$ 4,289,816	\$ 4,408,110	\$ 4,566,754
Permit Revenue	87,227	91,186	81,930	95,365	75,000
Intergovernmental:					
Federal Sources	2,503,173	232,133	2,417,537	1,676,552	3,730,900
Michigan Transportation Funds	10,578,775	11,766,271	12,757,871	13,298,859	14,166,049
Other State Sources	193,777	1,235,888	1,862,096	135,817	191,673
Township Contributions	501,944	196,958	772,747	183,601	717,600
Other Local Sources	17,156	24,030	25,204	-	-
Charges for Services	1,841	2,437	2,964	281	-
Interest and Rentals	54,245	174,555	213,741	71,584	10,000
Other Revenue	81,629	70,548	72,399	96,890	267,100
Total Revenues	\$ 17,983,884	\$ 17,882,344	\$ 22,496,305	19,967,058	\$ 23,725,076
EXPENDITURES					
Primary Roads and Bridges:					
Construction/Capacity Improvements	\$ -	\$ -	\$ -		\$ -
Preservation/Structural Improvements	4,871,913	3,647,030	10,333,681	\$ 6,597,945	11,419,273
Routine Maintenance	1,863,465	2,369,967	1,672,063	1,703,984	2,100,000
Preventative Maintenance	1,339,123	883,166	1,548,892	1,334,187	1,200,000
Local Roads and Bridges:					
Construction/Capacity Improvements	-	-	-	-	-
Preservation/Structural Improvements	4,459,885	4,867,992	4,182,711	5,160,120	6,206,754
Routine Maintenance	2,758,640	2,814,074	2,971,591	2,946,197	3,300,000
Preventative Maintenance	100	-	-	-	-
Equipment Expense (net)	(19,476)	208,311	202,740	37,464	150,000
Administration (net)	676,992	761,273	741,702	799,076	800,000
Maintenance Service for Other Units	87,482	94,622	76,463	73,970	100,000
Non-Road Projects	-	307	793,933	17,950	-
Capital Outlay (net)	(167,845)	(98,577)	637,685	129,676	1,210,248
Debt Service	517,225	516,085	-	-	-
Drain Assessment	242,576	276,584	199,547	218,789	300,000
Total Expenditures	\$ 16,630,080	\$ 16,340,834	\$ 23,361,008	\$ 19,019,359	\$ 26,786,275
Net Revenues (Expenditures)	1,353,804	1,541,510	(864,703)	947,700	(3,061,199)
Fund Balance at Beginning of Year	5,876,078	7,229,882	8,771,392	7,906,689	8,854,389
Fund Balance at End of Year	\$ 7,229,882	\$ 8,771,392	\$ 7,906,689	\$ 8,854,389	\$ 5,793,190

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REVENUE

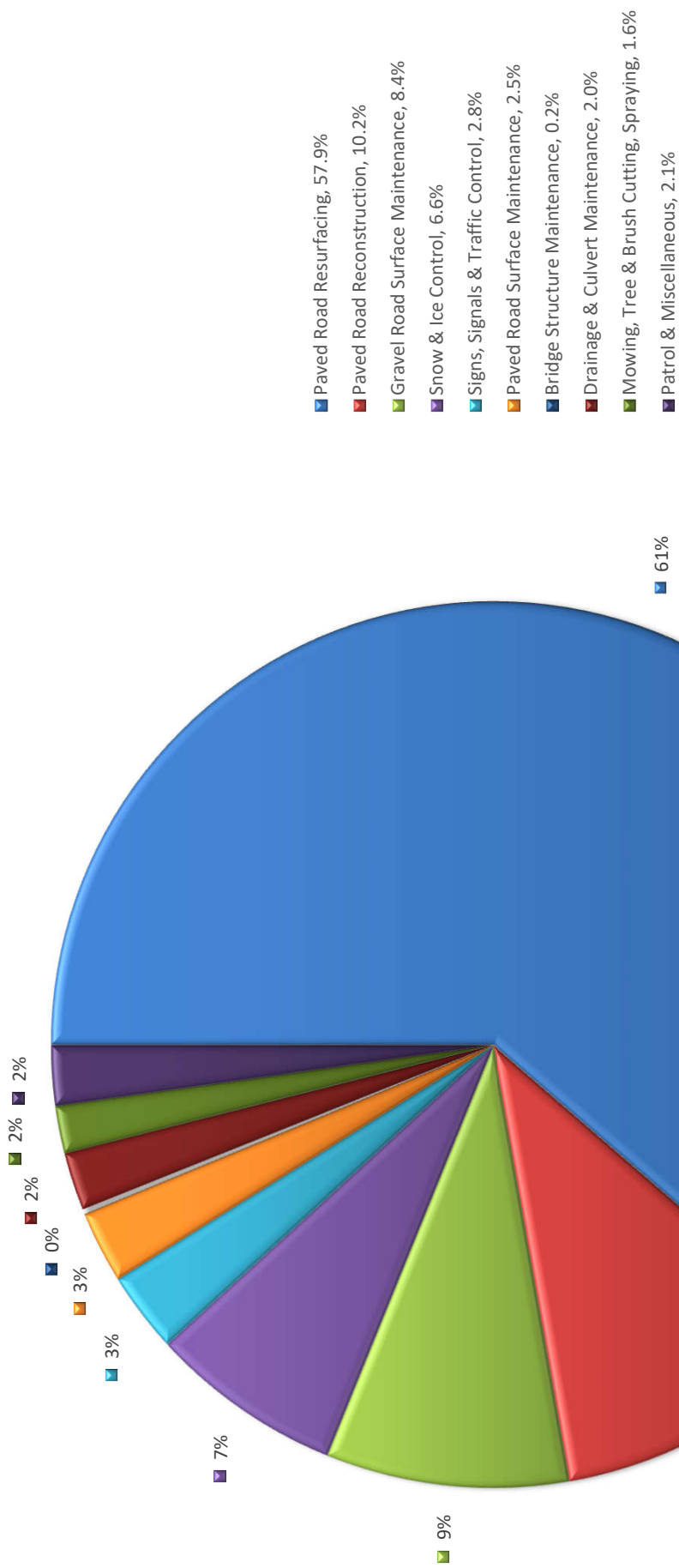


EXPENDITURES

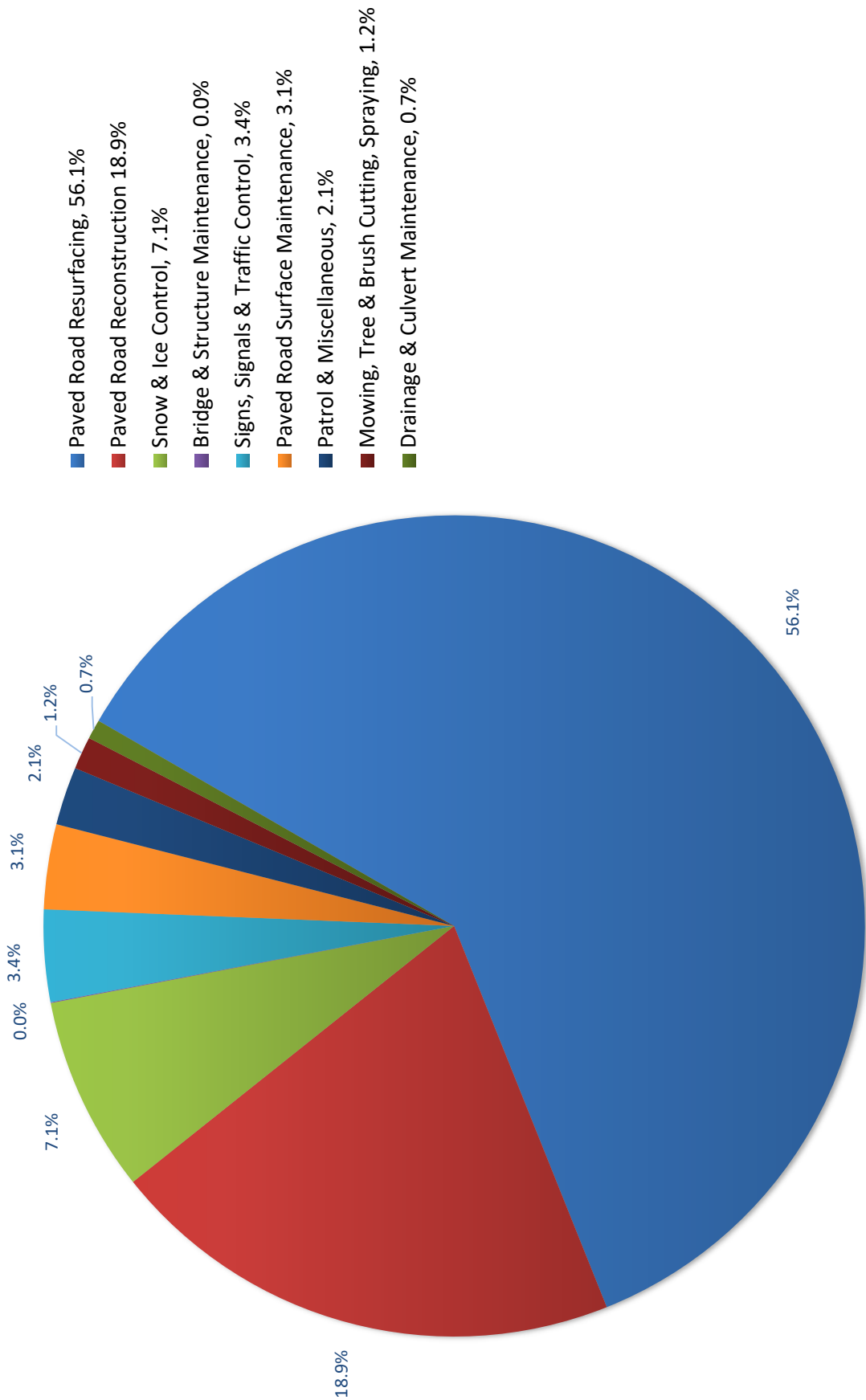


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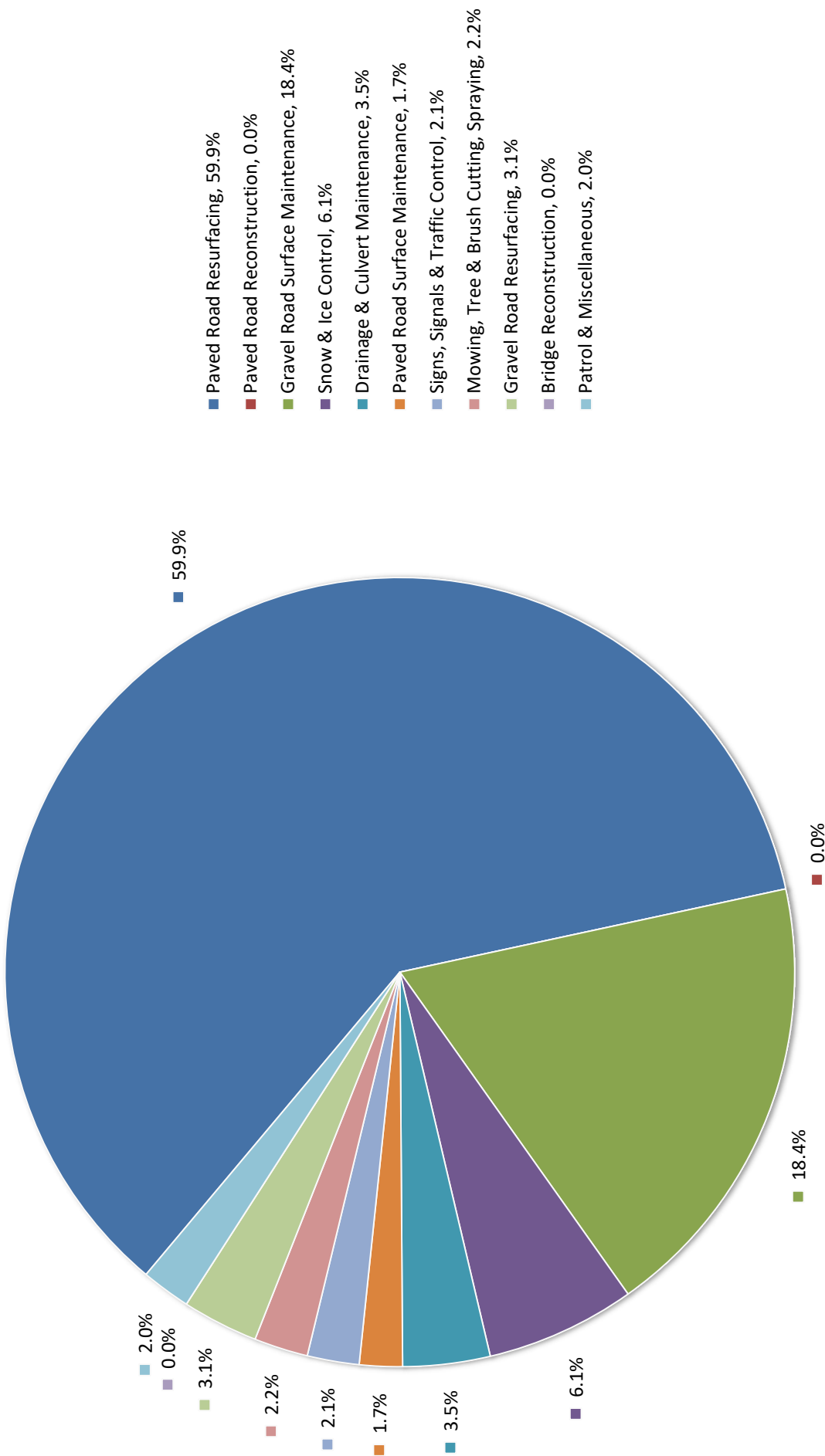
OVERALL PRIMARY AND LOCAL ROAD AND BRIDGE EXPENDITURES



PRIMARY ROAD AND BRIDGE EXPENDITURES



LOCAL ROAD AND BRIDGE EXPENDITURES



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2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

SUMMARY

Primary Roads:

Total Construction/Capacity Improvement Projects	-
Total Preservation/Structural Improvement Projects	6,597,945
Total Preventative Maintenance Projects	<u>1,334,187</u>
Total Primary Road and Bridge Projects	<u><u>7,932,132</u></u>

Local Roads:

Total Construction/Capacity Improvement Projects	-
Total Preservation/Structural Improvement Projects	5,160,120
Total Preventative Maintenance Projects	<u>14,535</u>
Total Local Road and Bridge Projects	<u><u>5,174,654</u></u>

Grand Total	<u><u>13,106,786</u></u>
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2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

BELLEVUE TOWNSHIP

Primary Roads:

<i>Final Expenditures for Prior Year Projects</i>	22,532
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Local Roads:

Local Road Millage Regravel:

Babcock Rd, W Baseline Hwy to Sherwood Hwy	1.27 mi	24,772
Cook Rd, W Butterfield Hwy to Sherwood Hwy	0.55 mi	10,768
Sherwood Hwy, Hall Rd to Twp Line	2.04 mi	41,495

Bellevue Township Total	99,566
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Bellevue Township Contributions	-
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BENTON TOWNSHIP

Primary Roads:

Bridge Replacement:

Vermontville Hwy Bridge (2021)	19,292
--------------------------------	--------

Sealcoat:

Billwood Hwy, Hartel Rd to Royston Rd	1.00 mi	29,404
Lansing Rd, Kinsel Hwy to Nelson St	2.63 mi	131,142
Lansing Rd, Main St to Royston Rd	0.68 mi	61,057
Windsor Hwy, M-100 to Royston Rd	0.99 mi	40,162

<i>Final Expenditures for Prior Year Projects</i>	13,923
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<i>Initial Expenditures for Future Projects</i>	172
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Local Roads:

Culvert Replacement:

Pinch Hwy - Over Schrontz Ext Drain	14,314
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<i>Final Expenditures for Prior Year Projects</i>	5,006
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Benton Township Total	314,473
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Benton Township Contributions	3,910
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2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

BROOKFIELD TOWNSHIP

Primary Roads:

Sealcoating:

Narrow Lake Rd, Bellevue to Five Point Hwy	4.06 mi	79,063
<i>Final Expenditures for Prior Year Projects</i>		3,521

Local Roads:

Local Road Millage Paved Road Resurface:

Spicerville Hwy, Cochran Rd to Sherman Rd	0.99 mi	186,514
<i>Final Expenditures for Prior Year Projects</i>		225

Brookfield Township Total

269,323

Brookfield Township Contributions

-

CARMEL TOWNSHIP

Primary Roads:

Crush, Shape, Resurface

Ainger Rd, Five Point Hwy to Kalamo	2.01 mi	160,318
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Asphalt Overlay:

Courthouse Dr, M-50 to Independence	0.51 mi	172,648
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Rehabilitate:

Battle Creek Rd, Carlisle Hwy to Five Point Hwy	4.04 mi	65,814
<i>Final Expenditures for Prior Year Projects</i>		7,924

Local Roads:

Culvert Replacement:

Cole Rd over the Cole Drain		7,295
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Local Road Millage Paved Road Resurface:

N. Bradley Rd, W Lawrence Hwy to Valley Hwy	1.01 mi	97,018
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Carmel Township Total

511,016

Carmel Township Contributions

-

2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

CHESTER TOWNSHIP

Local Roads:

Local Road Millage Regravel:

Lamie Hwy, N Chester Rd to Stine Rd	1.00 mi	20,215
Mulliken Rd, Lamie Hwy to W Vermontville Hwy	1.08 mi	21,875
N Bradley Rd, Lamie Hwy to W Vermontville Hwy	1.01 mi	23,500
N Stine Rd, W Kinsel Hwy to Lamie Hwy	1.01 mi	21,904

Chester Township Total		87,493
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Chester Township Contributions		-
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2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

DELTA TOWNSHIP

Primary Roads:

Asphalt Resurface:

Mall Drive South, Michigan Ave to M-43	0.50 mi	153,094
Canal Rd, St Joe Hwy to 180' N of Westshire	0.83 mi	254,381
Mt Hope Hwy, Canal Rd West to Bridge Approach	0.25 mi	78,349
Nixon Rd, Abbey Ln to M-43	0.48 mi	113,868

Full Depth Reclamation and Asphalt Resurface:

Mall Dr West, M-43 to Elmwood Rd	0.75 mi	563,868
Michigan Ave, Resurface and Lane Conversion	1.88 mi	112,944

Sealcoating:

Broadbent, St Joe Hwy to M-43	1.00 mi	22,572
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Final Expenditures for Prior Year Projects 3,913

Initial Expenditures for Future Projects 13,086

Local Roads:

Local Road Millage Paved Road Resurface:

Aspen Dr, Powderhorn Dr to Sow Rd	0.21 mi	42,116
Birchwood Way, Boxwood Lane to Elmwood Rd	0.22 mi	35,948
Clearview Ave, Edmund Way to Grandwoods Dr	0.16 mi	32,556
Durango Dr, Otter Dr to Chimneyrock Dr	0.27 mi	30,446
Dutch Hill Dr, E St Joe Hwy to Omar St	0.27 mi	75,262
Edmund Way, Willow Hwy to River Ridge Dr	0.12 mi	16,417
Elmwood Rd, Willow Hwy to Greenbriar Rd	0.13 mi	19,497
Fairbanks Dr, Powderhorn Dr to Durnago Dr	0.17 mi	27,496
Grand Woods Dr, Willow Hwy to Dead end	0.47 mi	111,714
Greenbriar Rd, Holiday Ln to Elmwood Rd	0.15 mi	28,522
Holiday Ln, Willow Hwy to River Ridge Dr	0.23 mi	38,390
Jade Dr, Dutch Hill Dr to Omar St	0.21 mi	39,987
Malta Circle, Dutch Hill Dr to Dead end	0.04 mi	15,005
Moultrie Cir, Dutch Hill Dr to Dead end	0.06 mi	16,985
Omar St, Dutch Hill Dr to Jade Dr	0.11 mi	23,436
Otter Dr, South Fork Cir to Durango Dr	0.14 mi	24,669
Powderhorn Dr, South Fork Cir to E St Joe Hwy	0.39 mi	45,226
River Ct, River Ridge Dr to Dead end	0.04 mi	16,309
River Ridge Dr, Boswood Ln to Grandwoods Park Dr	0.86 mi	180,259
Wayland Dr, River Ridge Dr to Grandwoods Dr	0.11 mi	22,763

2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

DELTA TOWNSHIP

2019 Local Road Millage Paved Road Resurface:

Completed in FY 2020

Applewood Dr, Plum Hollow to Berrywood	0.25 mi	72,634
Barton Rd, Waverly to its end	0.62 mi	154,205
Bentwood Dr, Fieldcrest Dr to Blackberry Ln	0.09 mi	22,200
Berrywood Pl, Applewood to its end	0.03 mi	14,312
Blackberry Ln, Sherwood to Barton	0.40 mi	59,732
Blanche Ave, Dibble Ave to Waverly Rd	0.13 mi	22,146
Chanticleer Trl, Farmstead Ln to Green Meadows Dr	0.46 mi	87,639
Dorene Dr, Elmwood Rd to its end	0.09 mi	23,032
Farmstead Ln, St Joe Hwy to Chanticleer Trl	0.44 mi	97,261
Fieldcrest Dr, Maycroft Rd to Bentwood Dr	0.17 mi	34,811
Grape Arbor Ln, Elmwood to Lotipac Pl	0.22 mi	38,795
Green Meadows Dr, Farmstead Ln to Kenway Dr	0.37 mi	75,107
Hume Blvd, St Joe Hwy to its end	0.49 mi	105,185
Kenilworth Dr, Fieldcrest Dr to Blackberry Ln	0.10 mi	17,541
Kenway Dr, St Joe Hwy to Green Meadows Dr	0.50 mi	88,125
Lotipac Pl, Palisade Dr to Grape Arbor Ln	0.06 mi	21,444
MarMoor Dr, Willow Hwy to Waverly Rd	0.67 mi	89,799
Maycroft Rd, Arden Rd to Sherwood Ln	0.11 mi	64,058
Otis Ave, Dibble Ave to Waverly Rd	0.13 mi	25,172
Palisade Dr, Spearberry Ln to Lotipac Pl	0.10 mi	26,790
Plum Hollow Dr, Elmwood Rd to Maycroft Rd	0.28 mi	74,359
Shady Hill Lane, Willow Hwy to Barton Dr	0.25 mi	46,744
Shannon Lane, Fieldcrest to Blackberry Ln	0.11 mi	62,447
Sherwood Lane, Blackberry to its end	0.04 mi	17,780
Spearberry Ln, Plum Hollow to Palisade Dr	0.06 mi	15,796

Final Expenditures for Prior Year Projects 28,643

Initial Expenditures for Future Projects 39,757

Delta Township Total 3,584,590

Delta Township Contributions 163,820

2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

EATON TOWNSHIP

Primary Roads:

Asphalt Resurface:

Island Hwy, Hartel Rd to Royston Rd	1.01 mi	140,711
Packard Hwy, Stewart Rd to Otto Rd	1.50 mi	208,904

Crush, Shape, Asphalt Resurface:

Otto Rd, Packard Hwy to Lansing Rd	0.43 mi	79,647
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Sealcoating:

Island Hwy, Hartel Rd to Royston Rd	1.01 mi	32,025
Lansing Rd, Otto Hwy to Kinsel Hwy	0.78 mi	63,200
Narrow Lake Rd, Five Pt Hwy to Mills	1.01 mi	19,667

<i>Final Expenditures for Prior Year Projects</i>		12,020
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Local Roads:

Local Road Millage Paved Road Resurface:

Fairview Hwy, Otto Rd to 1700 Ft West	0.32 mi	49,231
S Stewart Rd, Mills Hwy to E Clinton Trl	2.01 mi	215,992

<i>Final Expenditures for Prior Year Projects</i>		2,991
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Eaton Township Total		824,386
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Eaton Township Contributions		-
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EATON RAPIDS TOWNSHIP

Primary Roads:

Asphalt Resurface:

Island Hwy, Royston Rd to Smith Rd	3.97 mi	552,617
Smith Rd, Island Hwy to Columbia Hwy	1.00 mi	157,175

Sealcoating:

Columbia Hwy, Smith Rd to Waverly Rd	1.90 mi	51,041
Island Hwy, Royston Rd to Smith Rd	3.98 mi	126,201
Smith Rd, Island Hwy to Columbia Hwy	1.00 mi	26,433

Local Roads:

Local Road Millage Paved Road Resurface:

Arch Rd, Barnes Rd to Toles Rd	1.00 mi	104,254
Columbia Hwy, Gunnell to Canal	1.00 mi	133,617

Eaton Rapids Township Total		1,151,338
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Eaton Rapids Township Contributions		-
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2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

HAMLIN TOWNSHIP

Primary Roads:

Structural Improvements/Culvert Replacement:

Royston Rd, over Mills and Post Drain		155,552
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Sealcoat:

Kinneville Hwy, Eaton Rapid City Limits to Waverly Rd	3.20 mi	61,593
Waverly Rd, Bellevue to M-188	1.50 mi	29,651

Final Expenditures for Prior Year Projects		1,234
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Local Roads:

Local Road Millage Paved Road Resurface:

Smithville Rd, Plains Rd to VFW	1.00 mi	126,676
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Local Road Millage Regravel:

Hale Hwy, Kinneville Rd to Tucker Rd	0.46 mi	8,528
Hogsback Rd, E Spicerville Hwy to City/Twp Line	0.62 mi	10,823
Taylor Rd, Tucker Rd to VFW Hwy	0.29 mi	5,521
Tucker Rd, Kinneville Rd to VFW Hwy	1.22 mi	24,037

Hamlin Township Total		423,615
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Hamlin Township Contributions		6,100
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KALAMO TOWNSHIP

Primary Roads:

Crush, Shape & Asphalt Resurface:

Ionia Rd, M-79 to Kinsel	2.02 mi	403,118
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Sealcoating:

Kalamo Hwy, Curtis Rd to Ionia Rd	3.02 mi	15,514
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Final Expenditures for Prior Year Projects		15,012
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Initial Expenditures for Future Projects		2,118
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Local Roads:

Local Road Millage Paved Road Resurface:

Carlisle Hwy, S Ionia Rd to Perry Rd	1.00 mi	112,460
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Final Expenditures for Prior Year Projects		366
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Kalamo Township Total		548,587
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Kalamo Township Contributions		-
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2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

ONEIDA TOWNSHIP

Primary Roads:

<i>Final Expenditures for Prior Year Projects</i>	2,241
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Local Roads:

Local Road Millage Paved Road Resurface:

Austin Way-St Joe Hwy to Its end	0.16 mi	21,216
E Strange Hwy, Benton Rd to Oneida Rd	2.00 mi	132,672

<i>Final Expenditures for Prior Year Projects</i>	3,110
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Oneida Township Total	159,239
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Oneida Township Contributions	-
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ROXAND TOWNSHIP

Primary Roads:

Asphalt Resurface:

Mt Hope Hwy, Dow Rd to Cochran Rd	6.08 mi	54,464
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Local Roads:

Culvert Replacement:

Boyer Rd, Over Parker Ext Drain		10,241
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Local Road Millage Paved Road Resurface:

St Joe Hwy, West to Section line to Mulliken Rd	1.01 mi	133,930
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<i>Final Expenditures for Prior Year Projects:</i>	10,721
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<i>Initial Expenditures for Future Year Projects:</i>	823
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Roxand Township Total	210,180
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Roxand Township Contributions	4,135
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2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

SUNFIELD TOWNSHIP

Primary Roads:

Asphalt Resurface:

Mt Hope Hwy, M-50 to Dow Rd	1.56 mi	47,229
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Bridge/Structural Improvements:

Mt Hope Hwy Bridge over Sebawa Creek-Replace		534,450
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Sealcoat:

Dow Rd, M-43 to Eaton Hwy	1.07 mi	32,726
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Ionia Rd, Kelly Hwy to Mt Hope Hwy	2.01 mi	43,330
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Final Expenditures for Prior Year Projects		4,798
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Local Roads:

Local Road Millage Crush, Shape, Asphalt Surface

Granger Hwy, Brown Rd to Dow Rd	1.99 mi	285,317
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Final Expenditures for Prior Year Projects		16,543
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Sunfield Township Total		964,393
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Sunfield Township Contributions		-
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VERMONTVILLE TOWNSHIP

Primary Roads:

Sealcoat:

Ionia Rd, Lake to Kelly	1.00 mi	21,555
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Nashville Hwy, Curtis Rd to Ionia Rd	2.62 mi	15,063
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Vermontville Hwy, Vermontville City Limit to Hager Rd	2.37 mi	39,419
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Local Roads:

Culvert Replacement:

Pease Rd Culvert extension, North of Kinsel		16,017
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Local Road Millage Regravel:

Shaytown Rd, Kinsel Hwy to Vermontville Hwy	2.00 mi	15,154
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Final Expenditures for Prior Year Projects		953
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Initial Expenditures for Future Projects		92
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Vermontville Township Total		108,254
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Vermontville Township Contributions		5,636
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2019-2020

PRIMARY AND LOCAL ROAD IMPROVEMENTS

WALTON TOWNSHIP

Primary Roads:

Asphalt Resurface:

Battle Creek Hwy, Five Pt Hwy to Twp Line	3.50 mi	1,450,809
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Ainger Rd, Battle Creek Hwy to Five Pt Hwy	1.39 mi	124,545
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Final Expenditures for Prior Year Projects		1,656
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Local Roads:

Local Road Millage Paved Road Resurface:

S Bradley Rd, Spicerville Hwy to Five Pt Hwy	1.01 mi	131,318
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Local Road Millage Regravel:

Sherwood Hwy, Twp line to Hall Rd	0.16 mi	2,907
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Final Expenditures for Prior Year Projects		16
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Walton Township Total

1,711,251

Walton Township Contributions

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WINDSOR TOWNSHIP

Primary Roads:

Asphalt Resurface:

Bishop Hwy, Creyts Rd to Waverly Rd	1.99 mi	344,615
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Creyts Rd, Lansing to Dimondale Village Limit	1.83 mi	583,676
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Smith Rd, Vermontville Hwy to Dimondale VL	1.05 mi	0
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Sealcoat:

Billwood Hwy, Royston Rd to Canal Rd	2.90 mi	85,277
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Guinea, Billwood Hwy to Davis Hwy	0.96 mi	31,025
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Lansing Rd, Royston Rd to I-69 Ramp	2.30 mi	206,504
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Windsor Hwy, Royston Rd to Lansing Rd	1.00 mi	39,396
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Local Roads:

Local Road Millage Paved Road Resurface:

Gunnell Rd, Stub Hwy to Vermontville Hwy	1.50 mi	208,423
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Nixon Rd, Rossman Hwy to W Vermontville Hwy	1.00 mi	139,797
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Pray Rd, E Kinsel Hwy to Rossman Hwy	1.00 mi	140,743
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Rossman Hwy, Gunnell Rd to Canal	1.00 mi	148,350
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Rossman Hwy, Pray Rd to Nixion Rd	0.25 mi	56,169
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Rossman Hwy, Smith to M-99	1.00 mi	144,293
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Windsor Township Total

2,128,269

Windsor Township Contributions

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2019-2020

PRIMARY ROAD ROUTINE MAINTENANCE

SUMMARY BY TOWNSHIP

TOWNSHIP	ROAD COMMISSION COST	MILES	AVERAGE COST PER MILE
Bellevue	\$ 192,014	18.40	\$ 10,436
Benton	171,180	28.13	6,085
Brookfield	198,458	18.33	10,827
Carmel	174,284	23.36	7,461
Chester	207,047	13.70	15,113
Delta	256,011	55.85	4,584
Eaton	149,297	25.99	5,744
Eaton Rapids	187,910	24.09	7,800
Hamlin	158,250	26.47	5,978
Kalamo	197,124	18.30	10,772
Oneida	142,253	23.51	6,051
Roxand	141,494	20.72	6,829
Sunfield	182,268	22.80	7,994
Vermontville	204,811	17.51	11,697
Walton	168,351	23.08	7,294
Windsor	200,911	31.54	6,370
Total Primary Maintenance	\$ 2,931,663	391.78	\$ 7,483

2019-2020

LOCAL ROAD ROUTINE MAINTENANCE

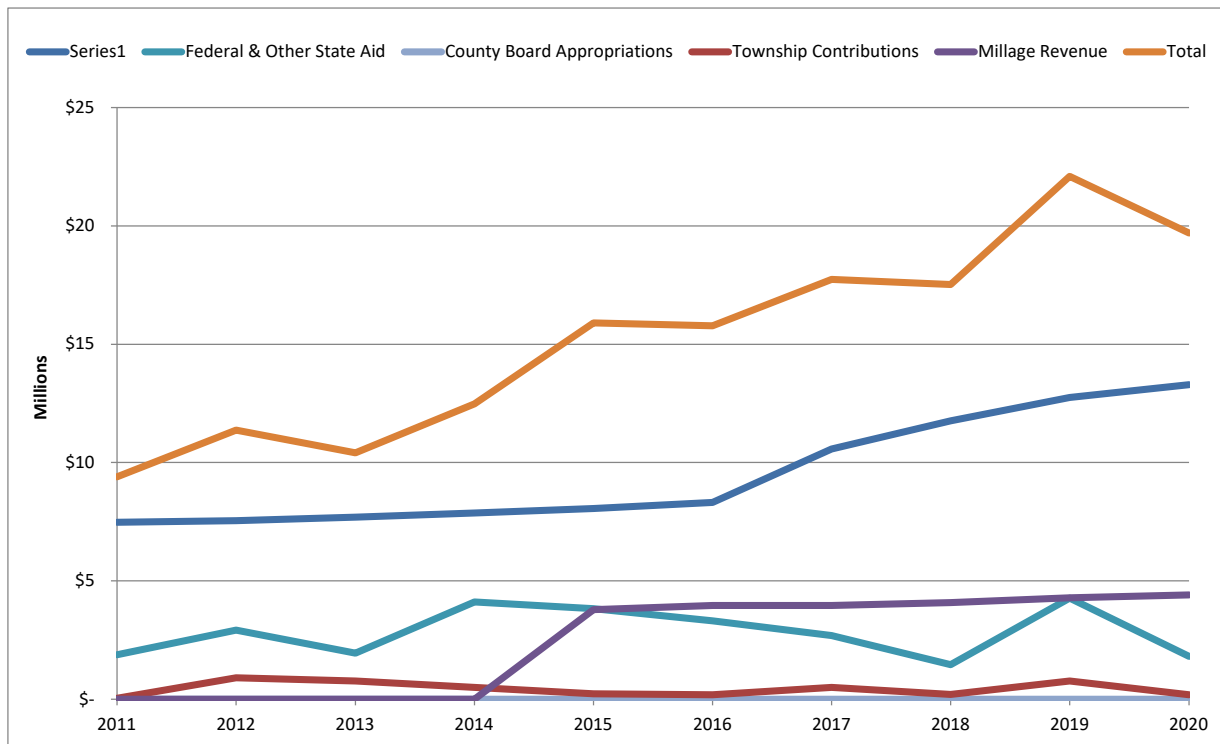
SUMMARY BY TOWNSHIP

TOWNSHIP	ROAD COMMISSION COST	MILES	AVERAGE COST PER MILE
Bellevue	\$ 181,722	48.67	\$ 3,734
Benton	164,625	33.62	4,897
Brookfield	201,200	54.02	3,725
Carmel	161,120	42.25	3,813
Chester	208,218	48.62	4,283
Delta	370,480	110.86	3,342
Eaton	149,217	42.17	3,538
Eaton Rapids	191,620	43.29	4,426
Hamlin	142,112	44.82	3,171
Kalamo	163,231	47.62	3,428
Oneida	152,596	40.40	3,777
Roxand	162,332	44.59	3,641
Sunfield	143,877	37.41	3,846
Vermontville	203,260	42.13	4,825
Walton	166,735	47.71	3,495
Windsor	200,566	52.51	3,820
Total Local Maintenance	\$ 2,962,912	780.69	\$ 3,795

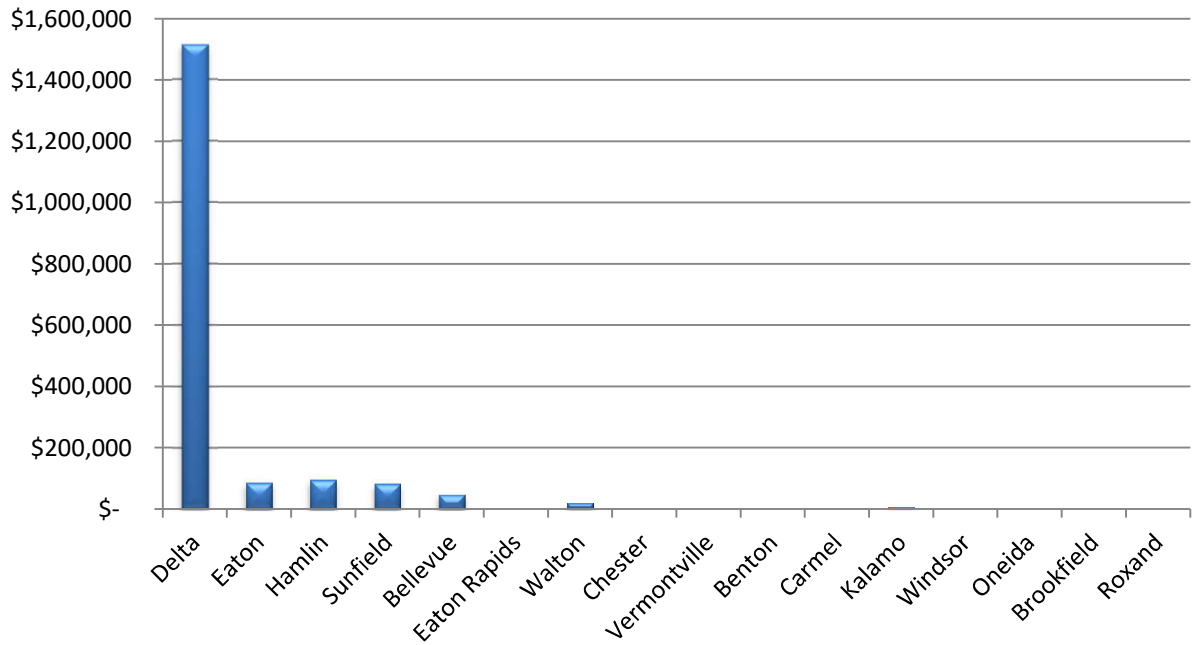
TEN YEAR HISTORY

MTF REVENUE, TOWNSHIP CONTRIBUTIONS, COUNTY BOARD APPROPRIATIONS AND MILLAGE REVENUE

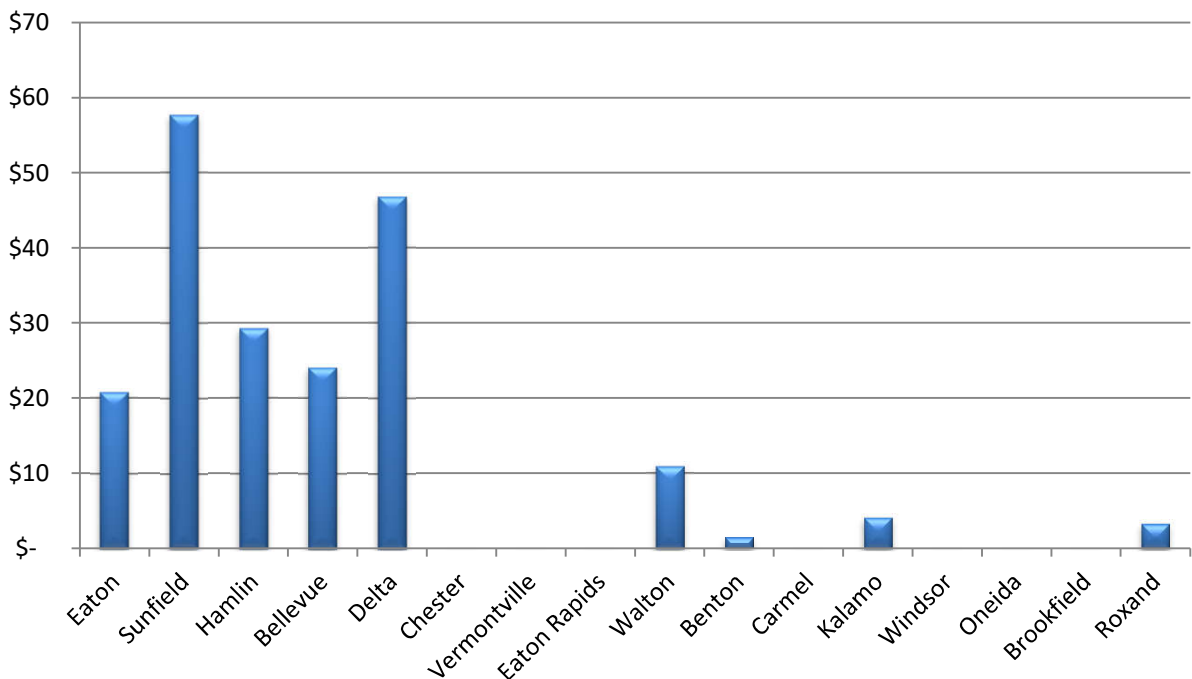
YEAR	EATON COUNTY SHARE OF MTF	FEDERAL & OTHER STATE AID	COUNTY BOARD APPROP.	TOWNSHIP CONTR.	MILLAGE PROCEEDS	TOTAL	TOWNSHIP CONTR. AS % OF MTF
2011	7,475,999	1,877,891	-	42,128	-	9,396,018	0.6%
2012	7,545,228	2,920,113	-	902,228	-	11,367,569	12.0%
2013	7,695,041	1,943,833	-	773,359	-	10,412,233	10.1%
2014	7,871,876	4,112,744	-	500,127	-	12,484,747	6.4%
2015	8,057,044	3,821,769	-	228,788	3,790,275	15,897,876	2.8%
2016	8,315,167	3,310,134	-	190,786	3,964,993	15,781,080	2.3%
2017	10,578,775	2,696,950	-	501,944	3,964,117	17,741,786	4.7%
2018	11,766,271	1,468,021	-	196,958	4,088,338	17,519,588	1.7%
2019	12,757,872	4,279,633	-	772,746	4,289,816	22,100,067	6.1%
2020	13,298,859	1,812,368	-	183,601	4,408,110	19,702,939	1.4%



Five Year Township Contributions by Dollar to Primary and Local Roads



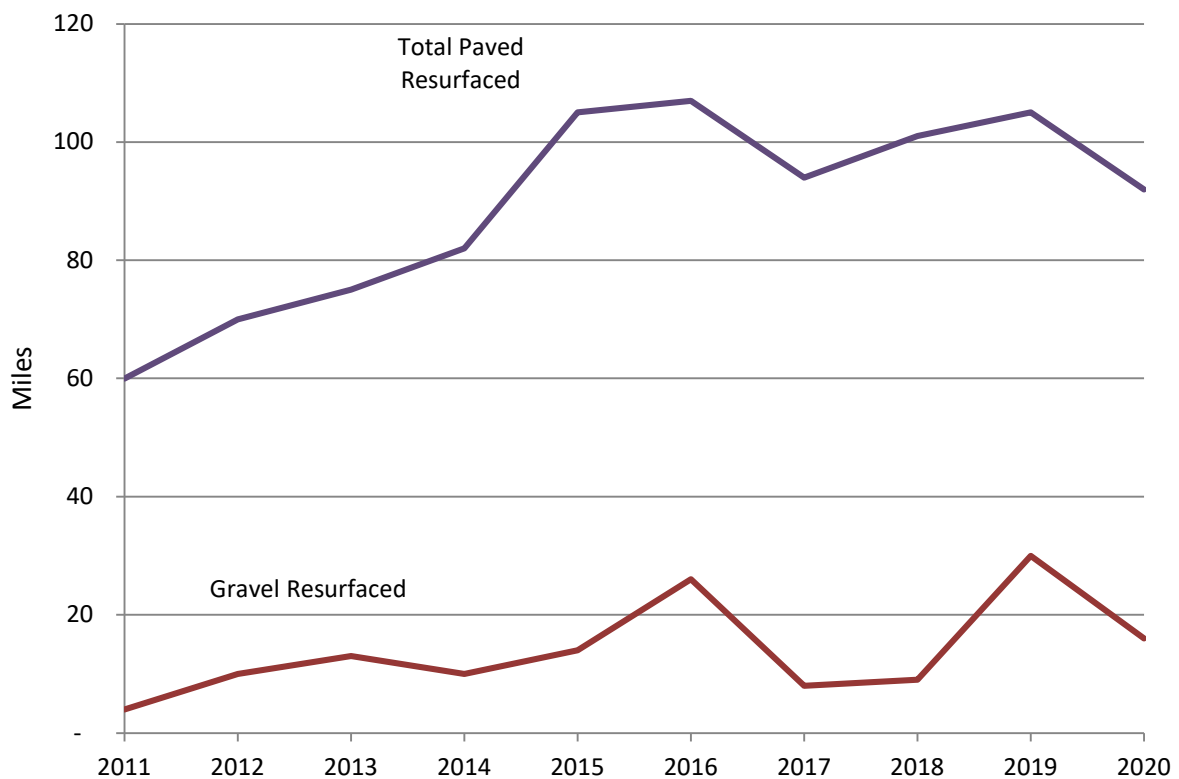
Five Year Township Contributions Per Capita to Primary and Local Roads



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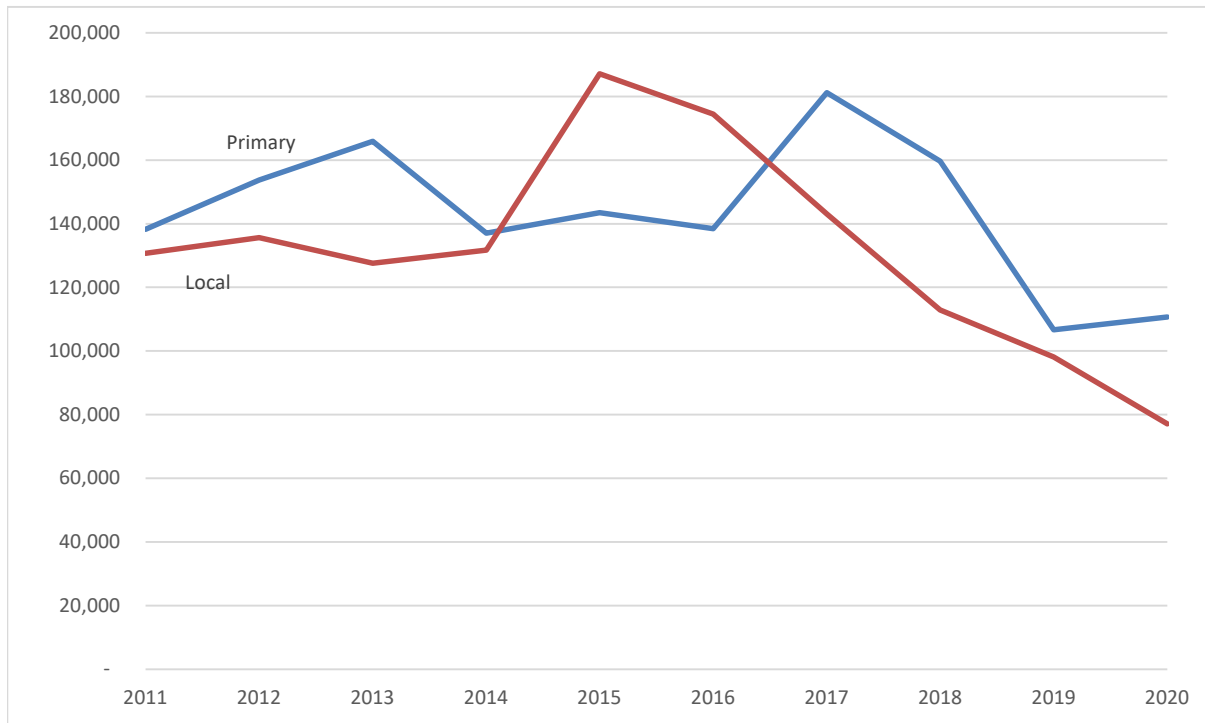
TEN YEAR HISTORY ROAD RESURFACING

YEAR	PRIMARY PAVED MILES RESURFACED	LOCAL PAVED MILES RESURFACED	TOTAL MILES RESURFACED	LOCAL MILES GRAVELED
2011	56	4	60	4
2012	61	9	70	10
2013	66	9	75	13
2014	76	6	82	10
2015	77	28	105	14
2016	77	30	107	26
2017	62	32	94	8
2018	69	32	101	9
2019	81	24	105	30
2020	66	26	92	16

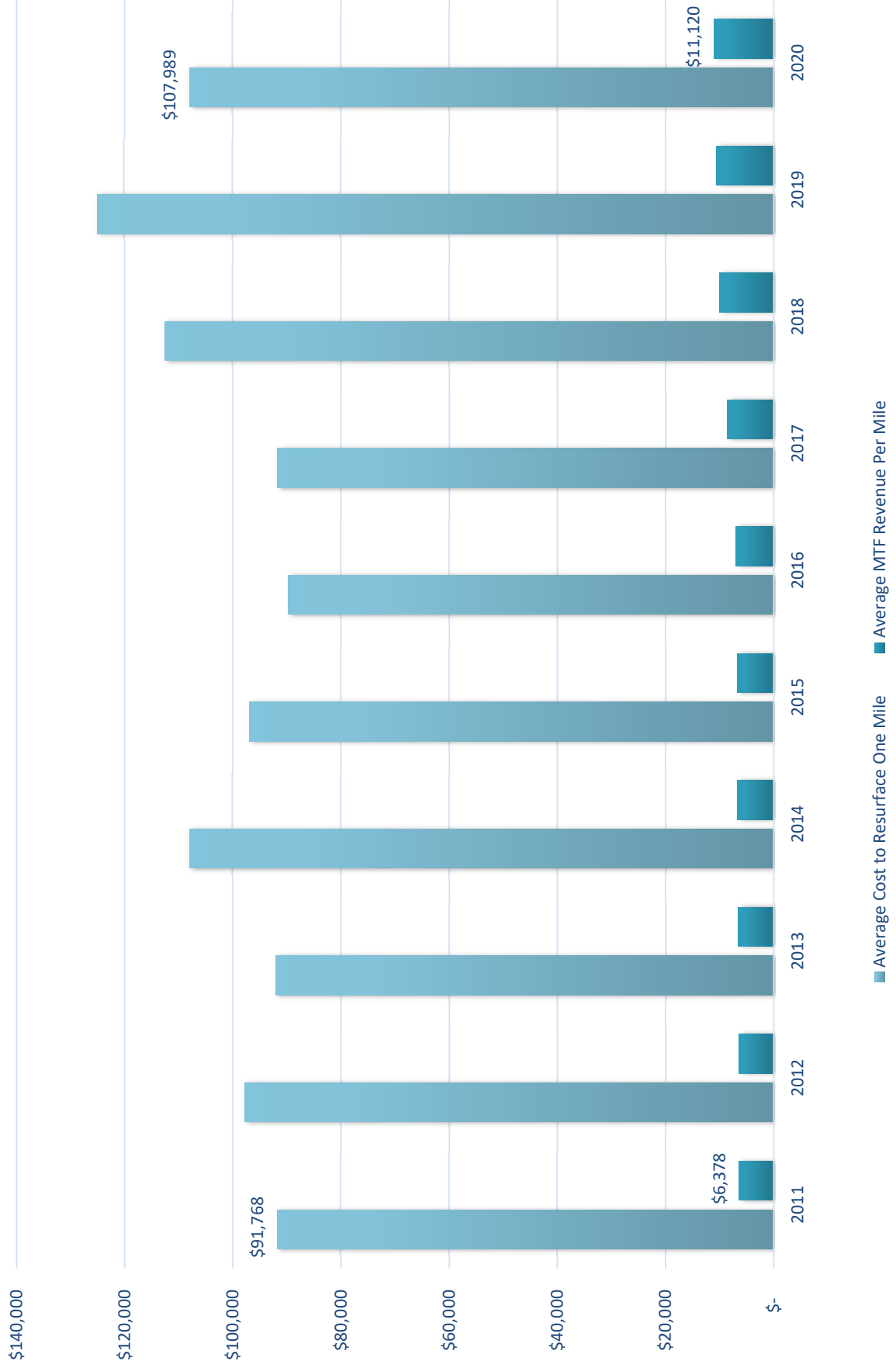


ANNUAL POTHOLE PATCHING COSTS

YEAR	PRIMARY TONS	LOCAL TONS	TOTAL TONS	PRIMARY COST	LOCAL COST	TOTAL COST	AVG COST/MILE OF PRIMARY	AVG COST/MILE OF LOCAL	AVG COST/TON OF COLD PATCH
2011	217	270	487	138,209	130,727	268,936	353	465	552
2012	208	236	444	153,715	135,620	289,335	392	483	652
2013	258	215	473	165,932	127,585	293,517	424	454	621
2014	228	243	471	137,026	131,731	268,757	350	468	571
2015	246	341	587	143,466	187,172	330,638	366	665	563
2016	244	331	575	138,506	174,466	312,972	354	620	544
2017	327	276	603	181,248	143,124	324,372	463	504	538
2018	227	130	357	159,691	112,874	272,565	408	398	763
2019	167	135	302	106,651	98,076	204,727	272	348	677
2020	168	150	318	110,675	77,146	187,821	282	274	591



PAVING COST TRENDS PER MILE



SUMMARY OF PERMIT DEPARTMENT OPERATIONS

<u>Permit Type</u>	<u>Number Issued</u>	<u>Amount Collected</u>
Annual Permits/Cab Cards	280	
Single Move Permits	394	
Driveway Permits	149	
Utility Permits	262	
Building Move Permits	-	
Tap In Permits	1	
Road Bore	70	
		\$ 80,165
Highway Permits/Bituminous Road Cuts	38	\$ 15,200
Accident/Sign Damages Recovered		\$ -
Highway Permits/Miscellaneous (no charge)	56	
Total Permit Fees Collected		<u><u>\$ 95,365</u></u>

2019-2020

CAPITAL OUTLAY

EQUIPMENT AND BUILDING PURCHASES

Buildings and Yard & Storage

Miscellaneous Building Repairs and Improvements	<u>9,895</u>
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Total Building and Yard & Storage	<u><u>\$ 9,895</u></u>
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Road Equipment

2 Freightliner Tandem Truck (equipment)	\$ 447,478
2 Tandem Axle Truck Chassis Only	228,730
1 Boom Brush Mower and Tractor	121,600
1 Bituminous Distributor rebuilt equipment	45,397
Miscellaneous Road Equipment and Repair	<u>27,413</u>

Total Road Equipment	<u><u>\$ 870,618</u></u>
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Engineering Equipment

GPS Survey Equipment	<u>\$ 9,775</u>
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Total Engineering Equipment	<u><u>\$ 9,775</u></u>
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Total 2019-2020 Capital Outlay	<u><u>\$ 890,288</u></u>
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STATUS OF ROAD MILEAGE

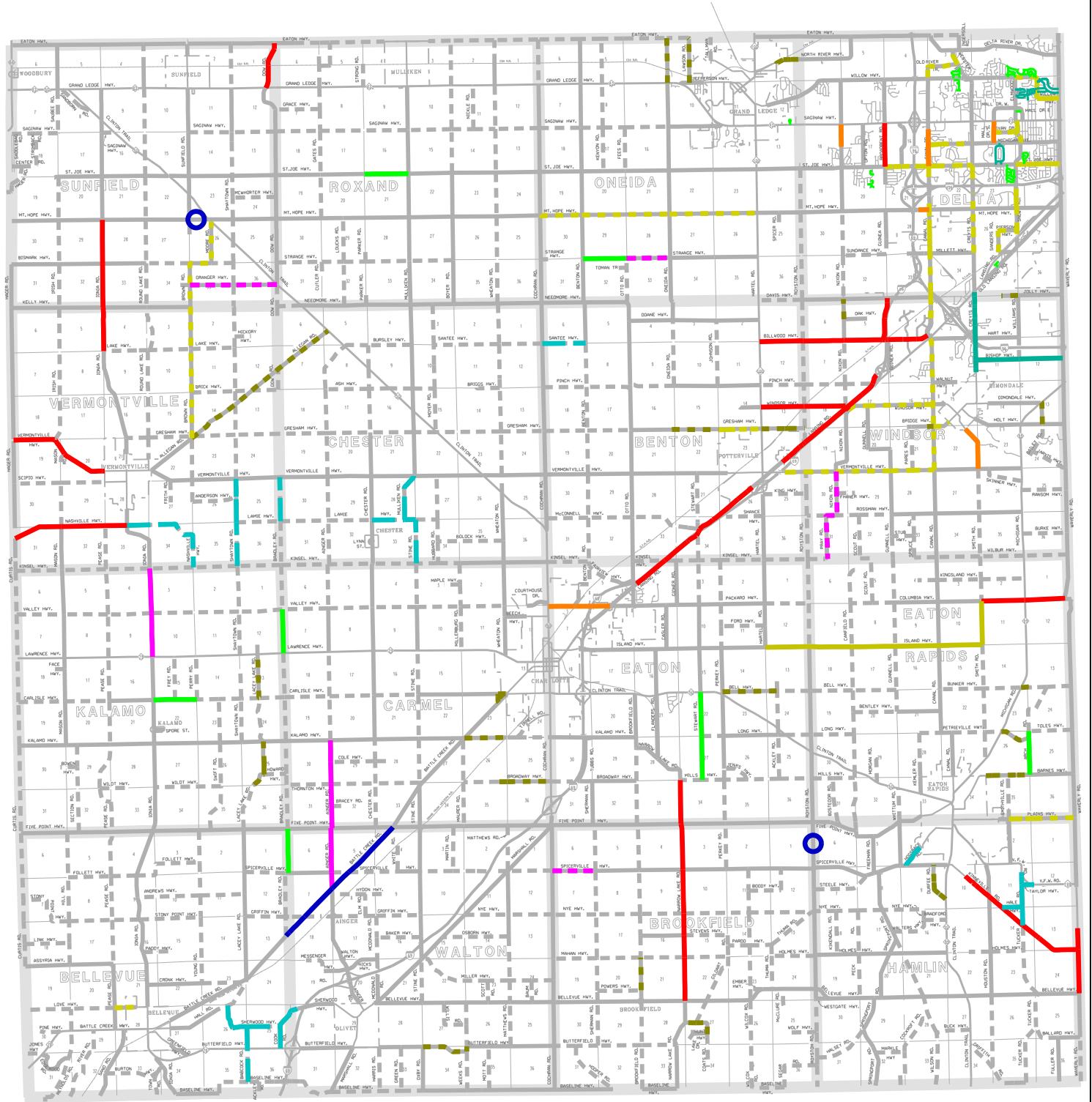
JANUARY 1, 2021

TOWNSHIP	PRIMARY ROADS		TOTAL MILES PRIMARY	LOCAL ROADS		PLATTED STREETS		TOTAL MILES LOCAL	TOTAL MILES IN TWP	TOTAL MILES PAVED	TOTAL PERCENT PAVED	TOTAL MILES GRAVEL
	PAVED	GRAVEL		PAVED	GRAVEL	PAVED	GRAVEL					
Bellevue	18.40	-	18.40	3.66	44.85	0.23	-	48.74	67.14	22.29	33.20%	44.85
Benton	28.13	-	28.13	7.02	26.60	-	-	33.62	61.75	35.15	56.92%	26.60
Brookfield	18.33	-	18.33	9.24	44.71	-	-	53.95	72.28	27.57	38.14%	44.71
Carmel	23.36	-	23.36	8.26	33.69	0.33	-	42.28	65.64	31.95	48.67%	33.69
Chester	13.70	-	13.70	4.52	44.10	-	0.13	48.75	62.45	18.22	29.18%	44.23
Delta	55.85	-	55.85	6.64	6.93	98.01	0.98	112.56	168.41	160.50	95.30%	7.91
Eaton	25.99	-	25.99	19.28	18.72	4.22	-	42.22	68.21	49.49	72.56%	18.72
Eaton Rapids	24.09	-	24.09	7.59	35.70	-	-	43.29	67.38	31.68	47.02%	35.70
Hamlin	26.47	-	26.47	13.06	32.06	-	0.10	45.22	71.69	39.53	55.14%	32.16
Kalamo	18.30	-	18.30	8.52	39.10	0.26	-	47.88	66.18	27.08	40.92%	39.10
Oneida	23.51	-	23.51	16.01	14.55	9.60	0.19	40.35	63.86	49.12	76.92%	14.74
Roxand	20.72	-	20.72	10.07	34.52	-	-	44.59	65.31	30.79	47.14%	34.52
Sunfield	22.80	-	22.80	12.95	23.74	0.72	-	37.41	60.21	36.47	60.57%	23.74
Vermontville	17.51	-	17.51	3.56	38.57	-	-	42.13	59.64	21.07	35.33%	38.57
Walton	23.08	-	23.08	12.29	35.42	-	-	47.71	70.79	35.37	49.96%	35.42
Windsor	31.54	-	31.54	14.86	25.80	10.81	0.30	51.77	83.31	57.21	68.67%	26.10
TOTAL	391.78	-	391.78	157.53	499.06	124.18	1.70	782.47	1,174.25	673.49	57.35%	500.76

EATON COUNTY ROAD COMMISSION CALENDAR YEAR 2020 PROJECTS

REVISION DATE: 03-04-21

- | | |
|--|--|
| — ASPHALT OVERLAY - PRIMARY (9.0 miles) | — REGRAVEL - MILLAGE / LOCAL (16.1 miles) |
| — ASPHALT OVERLAY - MILLAGE / LOCAL (20.7 miles) | — SAMI + ASPHALT OVERLAY (6.0 miles) |
| — ASPHALT OVERLAY - CRUSH AND SHAPE - PRIMARY (5.4 miles) | - - - PRIMARY OVERBAND CRACK FILL (37.3 miles) |
| - - - ASPHALT OVERLAY - CRUSH AND SHAPE - LOCAL (6.2 miles) | - - - LOCAL OVERBAND CRACK FILL (21.5 miles) |
| — SINGLE SEAL AND FOG (39.4 miles) | — 2019 CARRY OVER ASPHALT OVERLAY |
| — JOINT REPAIR AND RESURFACE - FEDERAL AID (3.5 miles) | ○ BRIDGE / CULVERT PROJECT |



EATON COUNTY ROAD COMMISSION

URBAN AREA

2020 COMPLETED PROJECTS

REVISION DATE: 03-04-21

- ASPHALT OVERLAY - PRIMARY
- ASPHALT OVERLAY - MILLAGE / LOCAL
- 2019 CARRY OVER ASPHALT OVERLAY
- - - PRIMARY OVERBAND CRACK FILL
- - - LOCAL OVERBAND CRACK FILL
- SINGLE SEAL AND FOG

