GENOA CHARTER TOWNSHIP BOARD
Regular Meeting
January 21, 2025 (Tuesday)
6:30 p.m.

AGENDA

Call to Order:

Invocation:

Pledge of Allegiance:

Roll Call:

Call to the Public (Public comment must be addressed to the Chairperson and will be limited to three minutes per person) *:

Approval of Consent Agenda:

1. Payment of Bills: January 21, 2025

2. Request to approve the January 6, 2025 regular meeting minutes.

Approval of Regular Agenda:

3. Consideration of a recommendation for approval and adoption of proposed **Ordinance Number Z-25-02** regarding zoning map amendments involving 9.76 acres of land located at 410 S. Hughes Road (parcel 4711-03-300-011) to rezone from Public Recreation Facilities (PRF) to Suburban Residential (SR).
    a. Disposition of Rezoning Ordinance Z-25-02 (roll call)
    b. Disposition of Environmental Impact Assessment (dated 10/22/24)

4. Request for approval to renew the Cropland Agreement for 2025 with Cathy and Tim Esper to maintain the historical agricultural use of 50.5 acres of fields located on parcel 4711-23-100-005 with revenue to be placed in Parks and Recreation Fund line item #208-000-434-001.

5. Consideration of a request to authorize the Township Supervisor to execute a Letter of Engagement with Foster Swift to act as special counsel in regard to the validity of the Innovation Park Planned Unit Development Agreement and the S. Latson Road area.

6. Request for approval to direct Township Staff to generate a vacancy report of businesses and land for parcels along Grand River Avenue as requested by Trustee Reiber.

7. Request for approval of a proposal to return existing copier/printer equipment in accordance with current lease and purchase new copiers/printers from General Fund, General Government, Equipment/Software/Software Maintenance Fund #101-261-751-000.

8. Consideration of approval to authorize a per diem allowance for elected and appointed official participation in the Livingston County Citizen Planner Program offered March 6th through April 17th, 2025.

Items for Discussion:

9. Review of second draft budget for the 2025/2026 Fiscal Year.

10. Update regarding "My Genoa App" to improve community outreach.

11. Discussion regarding amendments to the Township Zoning Ordinance as requested by Trustee Soucy.

12. Discussion regarding Per Diem Policy

Board Comments
Adjournment

*Citizen's Comments- In addition to providing the public with an opportunity to address the Township Board at the beginning of the meeting, opportunity to comment on individual agenda items *may* be offered by the Chairman as they are presented.

CHECK REGISTERS FOR TOWNSHIP BOARD MEETING

MEETING DATE: January 21, 2025

All information below through January 15, 2025

January 17, 2025 Bi Weekly Payroll		$	128,080.88
TOWNSHIP GENERAL EXPENSES		$	15,403.48
OPERATING EXPENSES DPW (503 FN)		$	18,293.65
OPERATING EXPENSES Oak Pointe (592FN)		$	86,317.18
OPERATING EXPENSES Lake Edgewood (593FN)		$	31,606.87
	TOTAL	$	279,702.06

January 17, 2025 Bi Weekly Payroll

01/15/2025 02:30 PM — PAYROLL REGISTER REPORT FOR GENOA CHARTER TOWNSHIP — Page 43 of 43

Payroll ID: 306

Pay Period End Date: 01/10/2025 Check Post Date: 01/17/2025 Bank ID: FNBCK

* YTD values reflect values AS OF the check date based on all current adjustments, checks, void checks

ZBA MINUTES OT	0.00	0.00	0.00	0.00
ZBA PER DIEM	0.00	0.00	0.00	211.58
ZO	56.00	0.00	1,750.00	3,500.00

Gross Pay This Period	Deduction Refund	Ded. This Period	Net Pay This Period	Gross Pay YTD	Dir. Dep.
127,107.56	0.00	35,927.08	91,180.48	265,908.83	91,180.48

01/15/2025 02:39 PM — Check Register Report For Genoa Charter Township — Page 1 of 1

For Check Dates 01/17/2025 to 01/17/2025

Check Date	Bank	Check Number	Name	Check Gross	Physical Check Amount	Direct Deposit	Status
01/17/2025	FNBCK	EFT1012	FLEX SPENDING (TASC)	1,124.37	1,124.37	0.00	Open
01/17/2025	FNBCK	EFT1013	INTERNAL REVENUE SERVICE	29,065.19	29,065.19	0.00	Open
01/17/2025	FNBCK	EFT1014	PRINCIPAL FINANCIAL	4,761.00	4,761.00	0.00	Open
01/17/2025	FNBCK	EFT1015	PRINCIPAL FINANCIAL	1,949.84	1,949.84	0.00	Open
Totals:			Number of Checks: 004	36,900.40	36,900.40	0.00	

Total Physical Checks:

Total Check Stubs: 4

Direct Deposit	$91,180.48
Physical Check	$36,900.40
TOTAL	$128,080.88

FNBCK Check Register

01/15/2025 10:18 AM — CHECK REGISTER FOR GENOA TOWNSHIP — Page: 1/1

User: denise

DB: Genoa Township

CHECK NUMBERS 39346 - 40000

Check Date	Check	Vendor Name	Amount	
Bank FNBCK CHECKING ACCOUNT				
01/02/2025	39346	AMERICAN AQUA	35.50	
01/02/2025	39347	CAPITAL ONE	368.73	
01/02/2025	39348	COMCAST	298.75	
01/02/2025	39349	DELTA DENTAL	3,948.89	
01/02/2025	39350	DTE ENERGY	32.15	
01/02/2025	39351	GANNETT MICHIGAN LOCALIQ	1,209.98	
01/02/2025	39352	GERALD HANSON & ASSOCIATES, INC.	1,050.00	
01/02/2025	39353	GORDON FOOD SERVICE	111.43	
01/02/2025	39354	MEI TOTAL ELEVATOR SOLUTIONS	176.26	
01/02/2025	39355	MICHIGAN OFFICE SOLUTIONS	325.44	
01/02/2025	39356	MUTUAL OF OMAHA	3,203.27	
01/02/2025	39357	NICHOLAS MURPHY	50.00	V
		Void Reason: WRONG VENDOR USED		
01/02/2025	39358	PERFECT MAINTENANCE CLEANING	1,100.00	
01/08/2025	39359	ALLSTAR ALARM LLC	358.80	
01/08/2025	39360	CONTINENTAL LINEN SERVICE	150.53	
01/08/2025	39361	DTE ENERGY	1,590.77	
01/08/2025	39362	DYKEMA GOSSETT PLLC	876.00	
01/08/2025	39363	NETWORK SERVICES GROUP, L.L.C.	50.00	
01/08/2025	39364	RICHARD SOUCY	87.98	
01/08/2025	39365	RON CARLSON GLASS LLC	429.00	

FNBCK TOTALS:

Total of 20 Checks:	15,453.48
Less 1 Void Checks:	50.00
Total of 19 Disbursements:	15,403.48

503FN Check Register

01/15/2025 10:20 AM
User: denise
DB: Genoa Township

CHECK REGISTER FOR GENOA TOWNSHIP
CHECK NUMBERS 6246 - 7000

Page: 1/1

Check Date	Check	Vendor Name	Amount
Bank 503FN DPW-UTILITIES #233			
12/30/2024	6246	HOME DEPOT CREDIT SERVICES	2,734.90
01/08/2025	6247	TRACTOR SUPPLY CO.	148.48
01/14/2025	6248	BYRUM ACE HARDWARE	192.99
01/14/2025	6249	CENTRAL SQUARE TECHNOLOGIES	270.00
01/14/2025	6250	CORIGAN OIL COMPANY	1,364.34
01/14/2025	6251	K & J ELECTRIC, INC.	187.00
01/14/2025	6252	MARSHALL'S EXPRESS	493.05
01/14/2025	6253	PORT CITY COMMUNICATIONS, INC.	256.08
01/14/2025	6254	RANDY'S SERVICE STATION	60.00
01/14/2025	6255	RED WING BUSINESS ADVANTAGE ACCOUNT	220.99
01/14/2025	6256	SMART BUSINESS SOURCE	292.88
01/14/2025	6257	TETRA TECH INC	6,325.00
01/14/2025	6258	VERIZON WIRELESS	638.67
01/14/2025	6259	WEX BANK	3,297.79
01/15/2025	6260	UNITED STATES POSTAL SERVICE	1,811.48
503FN TOTALS:			
Total of 15 Checks:			18,293.65
Less 0 Void Checks:			0.00
Total of 15 Disbursements:			18,293.65

592FN Check Register

01/15/2025 10:23 AM
User: denise
DB: Genoa Township

CHECK REGISTER FOR GENOA TOWNSHIP
CHECK NUMBERS 6260 - 7000

Page: 1/1

Check Date	Check	Vendor Name	Amount
Bank 592FN OAK POINTE OPERATING FUND #592			
01/08/2025	6260	AT&T LONG DISTANCE	123.79
01/08/2025	6261	DTE ENERGY	2,915.41
01/08/2025	6262	DTE ENERGY	1,615.61
01/14/2025	6263	AMERICAN AQUA	735.83
01/14/2025	6264	AT&T	250.32
01/14/2025	6265	BRIGHTON ANALYTICAL LLC	1,100.00
01/14/2025	6266	CONSUMERS ENERGY	409.71
01/14/2025	6267	GENOA OCEOLA SWR & WTR AUTHORI	266.77
01/14/2025	6268	GENOA TOWNSHIP DPW FUND	22,357.74
01/14/2025	6269	GENOA TOWNSHIP DPW FUND	27,716.30
01/14/2025	6270	GENOA TOWNSHIP G/O NEW USER FUND	15,900.00
01/14/2025	6271	HACH COMPANY	664.45
01/14/2025	6272	HYDROCORP	299.25
01/14/2025	6273	KISM LLC	10,080.00
01/14/2025	6274	MISS DIG 811	953.04
01/14/2025	6275	TETRA TECH INC	785.00
01/14/2025	6276	USA BLUEBOOK	143.96
592FN TOTALS:			
Total of 17 Checks:			86,317.18
Less 0 Void Checks:			0.00
Total of 17 Disbursements:			86,317.18

593FN Check Register

01/15/2025 10:24 AM
User: denise
DB: Genoa Township

CHECK REGISTER FOR GENOA TOWNSHIP
CHECK NUMBERS 4567 - 5000

Check Date	Check	Vendor Name	Amount
Bank 593FN LAKE EDGEWOOD OPERATING FUND #590			
01/07/2025	4567	BRIGHTON TOWNSHIP	662.50
01/07/2025	4568	DTE ENERGY	2,485.36
01/07/2025	4569	GENOA TOWNSHIP DPW FUND	1,032.93
01/14/2025	4570	CONSUMERS ENERGY	401.68
01/14/2025	4571	GENOA OCEOLA SEWER	209.45
01/14/2025	4572	GENOA TOWNSHIP DPW FUND	12,382.00
01/14/2025	4573	GENOA TWP/ OAK POINT OPERATION	3,960.00
01/14/2025	4574	PRECISON CLIMATE SERVICES INC.	1,446.75
01/14/2025	4575	PVS NOLWOOD CHEMICALS, INC	2,547.20
01/14/2025	4576	TETRA TECH INC	305.00
01/14/2025	4577	KISM LLC	6,174.00
593FN TOTALS:			
Total of 11 Checks:			31,606.87
Less 0 Void Checks:			0.00
Total of 11 Disbursements:			31,606.87

GENOA CHARTER TOWNSHIP BOARD
Regular Meeting
January 6, 2025

MINUTES

Call to Order

Supervisor Spicher called the regular meeting of the Genoa Charter Township Board to order with a roll call at 6:30 pm at the Township Hall.

Invocation

Supervisor Spicher led the invocation for the Board and the members of the public.

Pledge of Allegiance

The Pledge of Allegiance was recited.

Roll Call

The following members were present constituting a quorum for the transaction of business: Kevin Spicher, Janene Deaton, Candie Hovarter, Robin Hunt, Bill Reiber, Rick Soucy, and Todd Walker.

Also present was Township Manager Kelly VanMarter and 15 people in the audience.

Call to the Public

The call to the public was opened at 6:32 pm.

Mr. Michael Bambas stated that this Board will have the opportunity to fix the wrongs of the Township. He has serious issues. He wants to know who approved the tax dollars to fund an investigation into him. This was not authorized by him. He is a witness in this lawsuit. The Township does not have the authority to file lawsuits on behalf of HOA regulations. He would like that information within 24 hours. He wants to know who approved the funds for the drones to fly over everyone's property and photograph them and put them on the Internet. Now pedophiles can see what homes have kids and they can plan their escape routes after they abduct them. This is a violation of the 4th amendment and an invasion of privacy. He would like this also within 24 hours. Who approved the $12,000 that the attorney is charging this Board to investigate him? He has done two FOIA's to this Township regarding ZBA and they admitted they are defacto, meaning they are not under the constitution. The ZBA must be abolished effective immediately and the code enforcement officer should be fired. The Board has one week to comply with this. He is requiring that the Township cease and desist a civil lawsuit that they should not be involved in. We live in a republic and not a democracy. If the Township fails to do any of these things, he will file a class action lawsuit against everyone who is elected or hired at the Township for federal violations. He has met with the Supervisor regarding these

issues.

Mr. Jeff Dhaenens of 5494 Sharp Drive wished everyone Happy New Year. He questioned the MI Genoa App. This may be a slippery slope on social media. How many feeds can be done at the same time and who would maintain that.

Will stated he is an heir and a beneficiary to the constitution of the United States of America. He would like to have all the citizens know whether or not this Board is a party to the Trading With the Enemy Act.

The call to the public was closed at 6:48 pm.

Items for Discussion:

1. Introduction and discussion of live meeting broadcast.

Supervisor Spicher stated tonight's meeting is the first one that is being live streamed on the Genoa Township Public Channel on YouTube. It will be the Board and Planning Commission meetings.

2. Presentation regarding the Big Red Barrel project.

Mr. Terry Murray, co-founder of Big Red Barrel Project for Livingston County, and Holly Oswald, Substance Abuse Prevention Specialist, were present.

Mr. Murray thanked Ms. Deaton for bringing this program back to Genoa Township. The Big Red Barrel program is throughout all of Michigan. It was done in the Township for two years previously, and he is not sure why it stopped. He provided statistics on what was collected when take backs were done at the Township.

Ms. Oswald will work with the Township to schedule take back dates. They would like to hold four per year. There is also a barrel available for the Township to purchase for $600 and keep at the Township Hall.

It is very important to advertise this service to all their residents.

Wastewater treatment plants pay four times more than they should because of the narcotics that are in the system.

Ms. Hunt is very glad to have this program back here. She would prefer to have take-back events instead of having a barrel here. Mr. Walker agrees.

Mr. Reiber asked what other Townships participate in Livingston County. Mr. Murray stated there is a barrel at every police station in Livingston County.

Ms. VanMarter stated that when the program began, there were not a lot of barrels located throughout the County and as Mr. Murray stated, now there is one at every police station as well as at other locations and take back events.

Mr. Reiber confirmed that if the consensus is to proceed with the program, this would be put on a future agenda for action.

3. Presentation by Utility Director, Dr. Greg Tatara, regarding MEDC Site Readiness Grant.

Dr. Tatara reviewed MHOG's Capital Improvements and Site Readiness Grant for 2025. He presented a PowerPoint that provided the details of the Marion, Howell, Oceola, and Genoa (MHOG) Authority, including a pressure district map, a review of the regulations for a drinking water system, improvements made to the system, two reliability studies, and the Master Operating Agreement between MHOG and the townships. A project to meet the needs of the system was put out to bid in December 2020, and due to COVID-19, the bids came back four times as what was estimated before the pandemic. In 2023, MHOG applied for and received the Strategic Site Readiness Program Grant in the amount of $6.3 million. The project was put out to bid, awarded and now MHOG is in the process of obtaining final permits for construction. Securing this grant saved customers from an increase of approximately 22 percent for their water.

Ms. Deaton asked if there are requirements for the grant. Dr. Tatara stated there was no match required for the grant and the reporting is simple.

4. Discussion requesting Supervisor authorization to engage special counsel regarding the validity of the Innovation Park Planned Unit Development Agreement.

Supervisor Spicher is requesting that the Board grant him the authority to sign a letter of engagement with the firm that he feels is best once all proposals have been received. He would like to have this done prior to the next Board meeting.

All Trustees agreed to authorize Mr. Spicher to sign the letter of engagement.

5. Discussion regarding creating and maintaining a "My Genoa App" to improve community outreach.

Mr. Walker stated the City of Brighton and City of Howell have apps and since this Board's goal is to increase community outreach, he suggests that Genoa Township develop an app.

Ms. Deaton stated that people can put the Township's website as an app on their phone.

Supervisor Spicher stated other organizations put out notifications.

Ms. Hunt stated she looked at both cities' apps and she is questioning if it is appropriate for the township. She would like to know how much it will cost and who will maintain it.

Approval of Consent Agenda:

Supervisor Spicher stated some members have questions regarding the minutes.

Moved by Reiber, supported by Soucy, to move Items # 6 and 7 to the regular agenda and approve the Consent Agenda as amended. **The motion carried unanimously**.

6. ~~**Payment of Bills: January 6, 2025**~~ **(Moved to Regular Agenda)**

7. ~~**Request to approve the December 16, 2024 regular meeting minutes**~~**. (Moved to Regular Agenda)**

Approval of Regular Agenda:

Moved by Hunt, supported by Reiber, to approve the Regular Agenda as amended. **The motion carried unanimously.**

6. Payment of Bills: January 6, 2025 (Moved from Consent Agenda)

Moved by Hunt, supported by Hovarter, to approve the Payment of Bills for January 6, 2025. **The motion carried unanimously**.

7. Request to approve the December 16, 2024 regular meeting minutes.

Mr. Walker requested that a statement he made be included in minutes.

Moved by Hovarter, supported by Walker, to approve the December 16, 2024 regular meeting minutes as amended. **The motion carried unanimously**.

8. Consideration of a recommendation for approval of proposed Ordinance Number Z-25-01 regarding Zoning Ordinance text amendments to Article 11, "General Provisions". (roll call)

Ms. VanMarter reviewed the proposed changes. All these amendments are related to the wind and solar energy section of the ordinance.

Supervisor Spicher stated this is for the Township to be able to maintain local control of these types of uses.

Moved by Hunt, supported by Soucy, to approve and adopt Ordinance Number Z- 25-01 amending Article 11 of the Zoning Ordinance "General Provisions". **The motion carried unanimously with a roll call vote (Walker - yes; Reiber- yes; Hunt - yes; Deaton - yes; Soucy - yes; Hovarter - yes; Spicher - yes)**

9. Request for approval of Resolution 250106 entitled "Resolution Regarding Minimal Tax Overpayments" as submitted by the Township Treasurer. (roll call)

Ms. Hunt stated that the township attorney has reviewed this resolution, and it is appropriate to approve.

Moved by Walker, supported by Deaton, to approve Resolution 250106 entitled "Resolution Regarding Minimal Tax Overpayments" as submitted by the Township Treasurer. **The motion carried unanimously with a roll call vote (Hovarter - yes, Soucy - yes; Deaton - yes; Hunt - yes; Reiber - yes; Walker - yes; Spicher - yes)**

10. Request for the introduction of proposed Ordinance Number Z-25-02 regarding zoning map amendments involving 9.76 acres of land located at 410 S. Hughes Road (parcel 4711-03- 300-011) to rezone from Public Recreation Facilities (PRF) to Suburban Residential (SR) and to set the meeting date for considering the proposed ordinance for adoption before the Township Board on Tuesday, January 21, 2025.

Ms. VanMarter reviewed the process for zoning amendments.

Ms. Deaton stated that she considered this area residential. She asked if the existing house will be taken down and more homes will be built. A septic field was installed a couple of months ago. Will there be more septic fields installed? Should this be required to be connected to municipal sewer. She is not in favor of a septic system on the lake. Ms. VanMarter stated at this time, the owner intends to only have one home on the property. There will only be one septic field. She added that the property is 9.76 acres, and it is not all buildable. One acre lots are the minimum required in this zoning district. The nearest sewer has capacity issues so extending it to this property has challenges. Also, if the property is connected to municipal sewer, the lot sizes can be reduced to ½ acre minimum, where with the septic systems it would be one acre lots.

Mr. Soucy asked about the history of this property. Ms. VanMarter stated this was the caretaker's residence for the outdoor resort, which is why it is zoned the same as the outdoor resort. It was sold separate from the resort and has continued to be occupied and used as a single-family residence.

Mr. Reiber questioned if the zoning change will allow them to demolish the house and build a new one. Ms. VanMarter stated, yes, it is currently being used as a single-family home, which is non-conforming in this zoning district. If it is rezoned, a home would be a permitted use of the property.

Mr. Dhaenens asked to speak. He stated the Planning Commission spent a lot of time discussing this because the sewer system is so close to it, but a lot of it is not buildable. If it was split, there are capacity issues with the sewer system. Dr. Tatara confirmed this.

Ms. VanMarter stated that when the item is brought back to the Board for action, there will be more information provided from the consultants, fire authority, etc.

Moved by Hovarter, supported by Hunt, to introduce proposed Ordinance Number Z-25-02 regarding zoning map amendments involving 9.76 acres of land located at 410 S. Hughes Road (parcel 4711-03- 300-011) to rezone from Public Recreation Facilities (PRF) to Suburban Residential (SR) and to set the meeting date for considering the proposed ordinance for adoption before the Township Board on Tuesday, January 21, 2025. **The motion carried unanimously.**

11. Request for approval of the Genoa Charter Township Principles of Governance.

Ms. VanMarter reviewed the document and stated that it would be a nice document for this Board to adopt to show its commitment to these items.

Moved by Soucy, supported by Deaton, to adopt the Genoa Charter Township Principles of Governance. **The motion carried unanimously.**

Board Comments

Mr. Reiber would like to have a discussion topic for the next meeting regarding compiling an inventory of vacant properties and lots along Grand River. It is important that the Township knows what is preventing them from being occupied.

Ms. Hovarter asked for an update on redoing the Master Plan. Ms. VanMarter stated she received a proposal from Giffels Webster, and the cost was very high, so she needs to follow up with them.

Adjournment

Moved by Walker, supported by Soucy, to adjourn the meeting at 8:08 pm. **The motion carried unanimously.**

Respectfully Submitted,

Patty Thomas
Recording Secretary

Approved: Janene Deaton, Clerk
Genoa Charter Township

Kevin Spicher, Supervisor
Genoa Charter Township

DRAFT

2911 Dorr Road
Brighton, MI 48116
810.227.5225
810.227.3420 fax
genoa.org

MEMORANDUM

TO: Honorable Board of Trustees

FROM: Amy Ruthig, Planning Director

DATE: January 13, 2025

RE: Ordinance no. Z-25-02
410 S. Hughes, 4711-03-300-011

Please find attached a proposed rezoning ordinance for parcel 4711-03-300-011, 410 S. Hughes Road located on the west side of S. Hughes Road, south of Golf Club Road. The rezoning consists of approximately 9.76 acres. The proposed rezoning is from the Public & Recreational Facilities (PRF) to Suburban Residential (SR). The SR zoning would allow for demo and reconstruction of a single-family home.

This rezoning was recommended for approval by the Township Planning Commission on November 13th, 2024 and the Livingston County Planning Commission on December 18, 2024.

As such please consider the following action:

REZONING – REQUIRES ADOPTION BY MAJORITY OF MEMBERSHIP ON ROLL CALL VOTE

Moved by _____, supported by _____to APPROVE and adopt Ordinance No. Z -25-02 to rezone parcel 4711-03-300-011 from Public Recreation Facilities (PRF) to Suburban Residential (SR). The proposed amendment to the zoning map is consistent with Section 22.04

SUPERVISOR
Kevin Spicher
CLERK
Janene Deaton
TREASURER
Robin L. Hunt
TRUSTEES
Rick Soucy
Bill Reiber
Candie Hovarter
Todd Walker
MANAGER
Kelly VanMarter

of the Township Zoning Ordinance and the request is consistent with Township's future land uses map, goals of the Township and will not have a negative impact on the citizens of the Township.

Moved by _____, supported by _____ to APPROVE the Environmental Impact Assessment dated October 22, 2024 to rezone 410 S. Hughes Road, parcel 4711-03-300-011 from Public Recreation Facilities (PRF) to Suburban Residential (SR) as submitted.

If you should have any questions, please feel free to contact me.

Best Regards,

Amy Ruthig
Planning Director

ORDINANCE NO. Z-25-02
AN ORDINANCE TO AMEND THE ZONING MAP OF THE CHARTER TOWNSHIP OF GENOA BY REZONING PARCEL 4711-03-300-011 FROM PUBLIC & RECREATIONAL FACILITIES (PRF) TO SUBURBAN RESIDENTIAL (SR)

THE CHARTER TOWNSHIP OF GENOA HEREBY ORDAINS that the Zoning Map, as incorporated by reference in the Charter Township of Genoa's Zoning Ordinance, is hereby amended as follows:

Real property consisting of approximately 9.76 acres for parcel ID number 4711-03-300-011, 410 S. Hughes Road, located on the west side of Hughes Road, south of Golf Club Road particularly described as follows:

*SEC 3/4 T2N R5E COMM W1/4 COR SEC 3, TH E 573 FT, TH S 8*E 437.23 FT TO POB, TH S 8*E 166.44 FT, TH S33*E 186.6 FT, TH S54*W 813.91 FT, TH N41*W 288.5 FT, TH N30*W 110.16 FT, TH N36*W 79.64 FT, TH N60*W 83.44 FT, TH N51*E 196.32 FT, TH N71*E 784.46 FT TO POB. CONT. 9.5 AC M/L COMB. 10/85 FROM*

shall be rezoned from the Public & Recreational Facilities (PRF) to Suburban Residential (SR). The Township Planning Commission and Township Board, in strict compliance with the Township Zoning Ordinance and with Act 110 of the Public Acts of 2006, as amended, reclassified the Property as Suburban Residential (SR) upon finding that such classification properly achieved the purposes of Section 22.04 of the Township's Zoning Ordinance (as amended).

Repealor: All ordinances or parts of Ordinances in conflict herewith are repealed.

Severability Should any section, subsection, paragraph, sentence, clause, or word of this Ordinance be held invalid for any reason, such decisions shall not affect the validity of the remaining portions of the Ordinance.

Savings: This amendatory ordinance shall not affect violations of the Zoning Ordinance or any other ordinance existing prior to the effective date of this Ordinance and such violation shall be governed and shall continue to be separate punishable to the full extent of the law under the provisions of such ordnance at the time the violation was committed.

Effective Date: This map amendment was adopted by the Genoa Charter Township Board of Trustees at the regular meeting held _____ and ordered to be given publication in the manner required by law. This ordinance shall be effective seven days after publication.

On the motion to adopt the Ordinance the following vote was recorded:

Yeas:
Nays:
Absent:

I hereby approve the adoption of the foregoing Ordinance this __day of January, 2025.

_____	_____
Janene Deaton	Kevin Spicher
Township Clerk	Township Supervisor

Township Board First Reading:	January 6, 2025
Date of Publication of Ordinance:	January 10, 2025
Township Board Second Reading and Adoption:	January 21, 2025
Date of Publication of Ordinance Adoption:	Proposed January 26, 2025
Effective Date:	Proposed February 3, 2025

GENOA CHARTER TOWNSHIP
Application for Re-Zoning

APPLICANT NAME: Jill Bianco ADDRESS: 600 Woodcrest Dr. Dearborn, MI 48124

OWNER NAME: Jill Bianco ADDRESS: 600 Woodcrest Dr. Dearborn, MI 48124

PARCEL #(s): 4711-03-300-011 PRIMARY PHONE: (313) 929-2279

EMAIL 1: jbianco@biancotours.com EMAIL 2: _____

We, the undersigned, do hereby respectfully make application to and petition the Township Board to amend the Township Zoning Ordinance and change the zoning map of the township of Genoa as hereinafter requested, and in support of this application, the following facts are shown:

A. REQUIRED SUBMITTAL INFORMATION

1. A legal description and street address of the subject property, together with a map identifying the subject property in relation to surrounding properties;
2. The name, signature and address of the owner of the subject property, a statement of the applicant's interest in the subject property if not the owner in fee simple title, and proof of consent from the property owner;
3. It is desired and requested that the foregoing property be rezoned from:

   Public & Recreational Facilities District (PRF) to Suburban Residential (SR).
4. A site plan illustrating existing conditions on the site and adjacent properties; such as woodlands, wetlands, soil conditions, steep slope, drainage patterns, views, existing buildings, sight distance limitations, relationship to other developed sites. and access points in the vicinity;
5. A conceptual plan demonstrating that the site could be developed with representative uses permitted in the requested zoning district meeting requirements for setbacks, wetland buffers access spacing, any requested service drives and other site design factors;
6. A written environmental impact assessment, a map of existing site features as described in Article 18 describing site features and anticipated impacts created by the host of uses permitted in the requested zoning district;
7. A written description of how the requested rezoning meets Sec. 22.04 “Criteria for Amendment of the Official Zoning Map.”
8. The property in question shall be staked prior to the Planning Commission Public Hearing.

B. DESCRIBE HOW YOUR REQUESTED RE-ZONING MEETS THE ZONING ORDINANCE CRITERIA FOR AMENDING THE OFFICIAL ZONING MAP:

1. How is the rezoning consistent with the goals, policies and future land use map of the Genoa Township Master Plan, including any subareas or corridor studies. If not consistent, describe how conditions have changed since the Master Plan was adopted?

This use is compatible with the current zoning map and the future land use map (FLUM). The FLUM (Map 7 of Dec. 2015 update)

marks this parcel as Small Lot Single Family Residential adjacent to low density residential zoning to the north.

The intention for development on this parcel after re-zoning is for suburban single-family residential.

2. Are the site's physical, geological, hydrological and other environmental features suitable for the host of uses permitted in the proposed zoning district?

The site's environmental features are suitable for suburban single-family residential since much of the site is not build-able (wetland, steep slopes in Miami loam and Hillsdale sandy loam areas).

3. Do you have any evidence that a reasonable return on investment cannot be received by developing the property with one (1) of the uses permitted under the current zoning?

The existing lot use is incongruent with the allowances of the existing lot zoning definitions. No residential dwellings for a facility manager of a golf course or campground or clustered residential developments with recreational use exist on this lot.

4. How would all the potential uses allowed in the proposed zoning district be compatible with surrounding uses and zoning in terms of views, noise, air quality, the environment, density, traffic impacts, drainage and potential influence on property values?

Potential uses under this proposed re-zoning would be compatible will the adjacent zoning given the existing woodlands and slopes providing adequate screening to neighboring properties. Neighboring properties to the south are also zoned for single-family residential.

5. Are infrastructure capacity (streets, sanitary sewer, water, and drainage) and services (police and fire protection, etc.) sufficient to accommodate the uses permitted in the requested district?

Yes, MHOG water and sewer do not serve this parcel and a single-family residential would have a negligible impact on existing police and fire protection services.

6. Is there a demonstrated demand in Genoa Township or the surrounding area for the types of uses permitted in the requested zoning district? If yes, explain how this site is better suited for the zoning than others which may be planned or zoned to accommodate the demand.

Yes, there is demand for suburban single-family residential within Genoa Township. This site is better suited for the zoning because of similar adjacent lot use designations. Additionally, the parcel designation on the zoning map is inconsistent with the existing & future land use maps.

7. If you have a particular use in mind, is another zoning district more appropriate? Why should the Township re-zone the land rather than amend the list of uses allowed in another zoning district to accommodate your intended use?

The Suburban Residential zoning classification is the most optimal district type that matches the existing lot use. The list of uses designated under the Public and Recreational Facilities zoning district do not match the current, existing single-family residential home lot use.

8. Describe any deed restrictions which could potentially affect the use of the property.

No deed restrictions are known to exist.

C. AFFIDAVIT

The undersigned says that they are the Owner (owner, lessee, or other specified interest) involved in this petition and that the foregoing answers and statements herein contained and the information herewith submitted are in all respects true and correct to the best of his/her knowledge and belief.

BY: Jill Bianco

ADDRESS: 600 Woodcrest Dr Dearborn, MI 48124

SIGNATURE

The following contact should also receive review letters and correspondence:

Name: Jared Prather, E.I.T. Email: jaredp@bosseng.com

Business Affiliation: Project Engineer - Boss Engineering

FEE EXCEEDANCE AGREEMENT

As stated on the site plan review fee schedule, all site plans are allocated two (2) consultant reviews and one (1) Planning Commission meeting. If additional reviews or meetings are necessary, the applicant will be required to pay the actual incurred costs for the additional reviews. If applicable, additional review fee payment will be required concurrent with submittal to the Township Board. By signing below, applicant indicates agreement and full understanding of this policy.

PROJECT NAME:

PROJECT LOCATON & DESCRIPTION: 410 S. Hughes Rd. Howell, MI 48843

Parcel ID# 4711-03-300-011

SIGNATURE: Jill Bianco DATE: 9/16/24

PRINT NAME: Jill Bianco PHONE: 313-929-2279

COMPANY NAME & ADDRESS: 600 Woodcrest Dearborn, MI 48124

GENOA CHARTER TOWNSHIP
PLANNING COMMISSION
PUBLIC HEARING
November 12, 2024

MINUTES

CALL TO ORDER: Chairman Grajek called the meeting of the Genoa Charter Township Planning Commission to order at 6:30 p.m. Present were Chris Grajek, Marianne McCreary, Eric Rauch, Jeff Dhaenens, Tim Chouinard, Glynis McBain and Greg Rassel. Also present were Planning Director Amy Ruthig, Brian Borden of Safebuilt, and Shelby Byrne of Tetra Tech.

PLEDGE OF ALLEGIANCE: The pledge of allegiance was recited.

APPROVAL OF AGENDA:

Moved by Commissioner McCreary, supported by Commissioner Rauch, to approve the agenda as presented. **The motion carried unanimously**.

DECLARATION OF CONFLICT OF INTEREST:

Commissioner McCreary stated she has a conflict of interest for Open Public Hearing #1. She left the room at 6:31 pm.

CALL TO THE PUBLIC:

The call to the public was made at 6:32 pm with no response.

OPEN PUBLIC HEARING #1... Consideration of a rezoning application and environmental impact assessment to rezone 410 s. Hughes Road (parcel 4711-03-300-011) (9.76 acres) from Public Recreation Facilities (PRF) to Suburban Residential (SR). The property is located on the west side of Hughes Road south of Golf Club. The request is petitioned by Jill Bianco.
A. Recommendation of Environmental Impact Assessment (10-22-24)
B. Recommendation of Rezoning

Mr. Brent LaVanway of Boss Engineering and Ms. Jill Bianco, the applicant, were present. Mr. LaVanway stated the property is approximately 10 acres, most is wetlands, and currently zoned PRF (Public and Recreational Facilities). They would like to have it rezoned to SR (Suburban Residential) for future development in addition to the existing house.

Mr. Borden reviewed his letter dated November 5, 2024.
1. The subject site is planned as Small Lot Residential, which is consistent with Suburban Residential Zoning.
2. The request is generally consistent with the goals and objectives of the Township's Master Plan.

3. The request is anticipated to be compatible with the environmental conditions of the site and the surrounding area.
4. A new residence cannot be built as currently zoned.
5. The host of uses permitted in Suburban Residential are generally compatible with existing and planned uses in the surrounding area.
6. The Commission should consider any comments provided by the Township Engineer, Utilities Director and/or Fire Authority with respect to impacts on infrastructure and services.
7. In his opinion, rezoning is appropriate based on the Master Plan and site conditions, and is more appropriate than a text amendment allowing single-family residences in PRF.
8. He noted that the existing nonconforming structures will still be non-conforming but will become closer to compliance with the rezoning.

Ms. Byrne stated that since no improvements are proposed and the proposed zoning is a less intense use, she has no concerns.

The Brighton Area Fire Authority Fire Marshal's letter dated October 7, states that he has no opposition to the rezoning.

Commissioner Dhaenens asked what the applicant envisions being built there. Ms. Bianco stated she is hoping to remove the existing cottage and build a 2,300-2,500 square foot home. There is a new septic field and they will be digging a well. She will only have one home on the property. He wants to ensure that there is still access for the dam. His concern is that there will not be municipal utilities for this property. Ms. Ruthig stated the applicant would need to receive an easement from a neighboring private property to run the sewer to their property. Commissioner Rauch understands Commissioner Dhaenens' concerns, but there is a hardship here and the municipal utilities do not seem to be necessary. Commissioner Chouinard has reviewed this property previously and there is no way to get sewer here without an easement. Ms. Ruthig stated Dr. Tatara has also reviewed it and agrees with Commissioner Chouinard.

Commissioner Rauch stated the standards in Low Density Residential are less restrictive than Suburban Residential so looking at the neighboring properties, this could be a transitional zoning and not spot zoning. Mr. Borden stated there are also limitations to the uses due to there not being municipal utilities. It is not spot zoning.

The call to the public was opened at 6:48 pm with no response.

Moved by Commissioner Rauch, supported by Commissioner Chouinard, to recommend to the Township Board approval of the Environmental Impact Assessment dated October 22, 2024 to rezone 410 S. Hughes Road. **The motion carried unanimously.**

Moved by Commissioner Rauch, supported by Commissioner Chouinard, to recommend to the Township Board approval of the Rezoning of 410 S. Hughes Road from Public Recreation Facilities (PRF) to Suburban Residential (SR). **The motion carried unanimously.**

7. ZONING REVIEWS:

A. Z-45-24: GENOA TOWNSHIP, REZONING: PUBLIC RECREATION FACILITIES (PRF) TO SUBURBAN RESIDENTIAL (SR) IN SECTION 3.

Current Zoning: PRF Public Recreation Facilities
Proposed Zoning: NSC Neighborhood Service Commercial (28,000 sq. ft./12,000 sq. ft. with sanitary sewer)
Section: Section 3

Township Master Plan: Genoa Township's Master Plan designate the subject area described below:

Small Lot Single Family Residential: This designation refers to two distinct groups of single-family residential uses: the older homes around Lake Chemung and the Tri- Lakes area and newer, small lot, single family subdivisions located within the more urbanized area of the Township. These areas will generally be, or are planned to be, served by public water and sanitary sewer. Single family residential uses located within these areas will typically be located on lots ranging from 14,520 square feet to 21,780 square feet in size or 2 to 3 units per acre.

Township Planning Commission Recommendation: Approval. The Genoa Township Planning Commission recommended approval at their November 12, 2024, meeting. There were no public comments.

Staff Recommendation: Approval. The proposed rezoning from Public Recreation Facilities (PRF) to Suburban Residential (SR) is consistent with the Township Master Plan and the Livingston County Master Plan.

Commission Discussion: Commissioner Burkholder asked applicant if any of the square footage of the lots extend into the water or if they had plans to split the property.

Public Comment: Brent Lavanway from Boss Engineering spoke on the project and offered to answer any questions on the development.

Commission Action:

Commissioner Action: IT WAS MOVED BY COMMISSIONER CALL TO RECOMMEND APPROVAL, SECONDED BY COMMISSIONER BURKHOLDER.

Motion passed: 4-0.

B. Z-54-24: GENOA TOWNSHIP, AMENDMENTS TO ZONING ORDINANCE ARTICLES – ARTICLE 11 GENERAL PROVISIONS: 11.05.01 & 11.05.04 UTILITY-SCALE WIND ENERGY CONVERSION SYSTEMS, 11.06.01 & 11.06.07 UTILITY-SCALE SOLAR ENERGY SYSTEMS AND 11.07.01 & 11.07.02 UTILITY-SCALE BATTERY STORAGE UNDER PA 233.

Genoa Township is proposing to amend their Wind Energy Conversion Systems, Utility Scale Solar Energy System Ordinances as well as add new language for Utility-Scale Battery Storage. Utility-scale renewable energy projects in Genoa Township would remain a permitted, special use in the Industrial and Planned Industrial Districts.

The intent is to meet the requirements of PA 233 and be no more stringent that section 226 (8); effectively creating a Compatible Renewable Energy Ordinance (CREO). As of November 29, 2024, Public Act 233 is in effect and renewable energy providers could begin the application process with local communities. Genoa Township along with 70+ communities in Michigan filed a class action lawsuit November 8, 2024, challenging PA 233. The proposed amendments add qualifying language, in the case PA 233 is either repealed, enjoined or otherwise not in effect, Genoa Township's existing renewable energy ordinances would take precedence.

DRAFT

November 5, 2024

Planning Commission
Genoa Township
2911 Dorr Road
Brighton, Michigan 48116

Attention:	Amy Ruthig, Planning Director
Subject:	Proposed rezoning from PRF to SR (Review #2)
Location:	410 S. Hughes Road – west side of S. Hughes Road, south of Golf Club Road
Zoning:	PRF Public and Recreational Facilities District

Dear Commissioners:

At the Township's request, we have reviewed the revised application form and submittal materials proposing rezoning of a 9.76 acre parcel from PRF Public and Recreational Facilities to SR Suburban Residential.

The proposal has been reviewed in accordance with the applicable provisions of the Genoa Township Zoning Ordinance, including Section 22.04 Criteria for Amendment of the Official Zoning Map.

A. SUMMARY

1. The subject site is planned as Small Lot Residential, which is consistent with SR zoning.
2. The request is generally consistent with the goals and objectives of the Township's Master Plan.
3. The request is anticipated to be compatible with the environmental conditions of the site and the surrounding area.
4. A new residence cannot be built as currently zoned.
5. The host of uses permitted in SR are generally compatible with existing and planned uses in the surrounding area.
6. The Commission should consider any comments provided by the Township Engineer, Utilities Director and/or Fire Authority with respect to impacts on infrastructure and services.
7. In our opinion, rezoning is appropriate based on the Master Plan and site conditions, and is more appropriate than a text amendment allowing single-family residences in PRF.
8. Existing nonconforming structures will become more conforming with rezoning.

B. PROCESS

As noted in Section 22.03 of the Township Zoning Ordinance, the process to amend the Official Zoning Map (rezoning) is as follows:

1. The Township Planning Commission holds a public hearing on the rezoning and makes its recommendation to the Township Board;
2. The Livingston County Planning Commission reviews the request and puts forth its recommendation; and
3. The Township Board considers these recommendations and takes action to grant or reject the rezoning request.

It is important to note that requests for conventional rezoning cannot include conditions, per the Michigan Zoning Enabling Act.

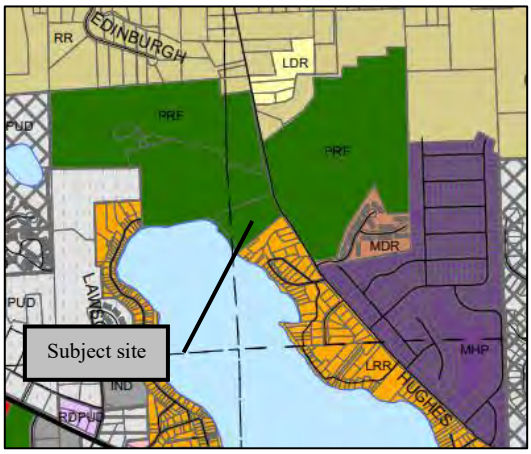
C. AREA OVERVIEW

The subject parcel is located on the west side of S. Hughes Road, south of Golf Club Road.

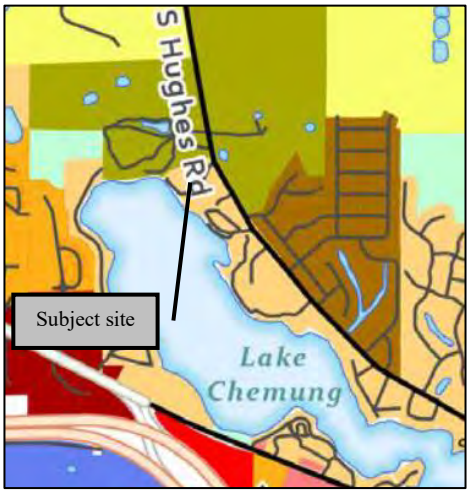
The following tables provide a general overview of existing uses, current zoning, and planned uses in the subject area:

Existing Conditions	
Site	Single-family residence
North	Recreational
East	Recreational
South	Residential
West	Recreational/Residential

Zoning	
Site	PRF
North	PRF
East	PRF
South	LRR
West	PRF/LRR



Master Plan	
Site	Small Lot Residential
North	Private Recreation
East	Private Recreation
South	Small Lot Residential
West	Private Recreation/Small Lot Residential



D. REZONING REVIEW

1. Consistency with the goals, policies and future land use map of the Genoa Township Master Plan, including any subarea or corridor studies. If conditions have changed since the Master Plan was adopted, the consistency with recent development trends in the area.

The Township Master Plan and Future Land Use Map identify the subject site as Small Lot Single Family Residential. The Master Plan describes this category as follows:

> *This designation refers to two distinct groups of single family residential uses: the older homes around Lake Chemung and the Tri- Lakes area and newer, small lot, single family subdivisions located within the more urbanized area of the Township. Secondly are These areas will generally be, or are planned to be, served by public water and sanitary sewer. Single family residential uses located within these areas will typically be located on lots ranging from 14,520 square feet to 21,780 square feet in size or 2 to 3 units per acre.*

Per the Zoning Plan, this classification corresponds to the SR Suburban Residential zoning district.

The intent behind the request is to construct a new single-family residence, which will allow for preservation of the wetland and woodland areas of the property, which is consistent with the goals and objectives of the Master Plan.

2. Compatibility of the site's physical, geological, hydrological and other environmental features with the host of uses permitted in the proposed zoning district.

Based on the Environmental Impact Assessment included with the submittal, the site contains steep slopes and areas of wetland and woodland.

Any future development would be impacted by these features/conditions; however, the predominant land use allowed in SR is single-family residential on lots of at least 1 acre, which is likely to remain compatible with these features/conditions.

The submittal does not describe or depict any future development of the property under LDR; however, development will be subject to review and approval based on the standards of the Zoning Ordinance, which include provisions/incentives for natural feature protection.

It is our understanding that the intent of the rezoning request is to permit a new single-family residence to replace the existing residence, which is in disrepair (but cannot be redeveloped as currently zoned).

Generally speaking, the host of uses allowed in SR are conducive to protecting sensitive natural features.

The Commission should also consider any technical comments provided by the Township Engineer under this criterion.

3. The ability of the site to be reasonably developed with one (1) of the uses permitted under the current zoning.

PRF is intended to accommodate public, educational, and recreational uses. The site currently contains a single-family residence, which is not an allowable use under PRF and would be considered nonconforming.

As noted above, the intent of the rezoning request is to build a new residence to replace the existing building, which cannot be done as currently zoned.

Given the private ownership of the property and the fact that there is an existing single-family residence onsite, requiring development of a permitted PRF use does not seem reasonable, in our opinion.

4. The compatibility of all the potential uses allowed in the proposed zoning district with surrounding uses and zoning in terms of land suitability, impacts on the environment, density, nature of use, traffic impacts, aesthetics, infrastructure and potential influence on property values.

PRF (current) is generally intended for public, educational, and recreational uses, while SR (proposed) is generally intended for single-family residences on lots of at least 1 acre in area (given the absence of public water and sewer).

SR uses are generally expected to be compatible with the conditions of the subject area, and will generally be less intensive than would development under PRF.

5. The capacity of Township infrastructure and services sufficient to accommodate the uses permitted in the requested district without compromising the "health, safety and welfare" of the Township.

The Environmental Impact Assessment notes that the site is not served by public water or sewer and that onsite well and septic will be utilized.

The Commission should consider any technical comments provided by the Township Engineer, Utilities Director, and/or Brighton Area Fire Authority with respect to this criterion.

6. The apparent demand for the types of uses permitted in the requested zoning district in the Township in relation to the amount of land in the Township currently zoned to accommodate the demand.

At face value, the request is intended to mitigate a nonconforming use – a single-family residence in PRF zoning. The stated intent is to demolish the existing residence and construct a new conforming residence.

Though further development is not proposed at this time, the site could be developed for single-family residences on at least 1 acre of land if rezoned. The total number of residences that the site could accommodate is limited by property conditions (steep slopes, wetland, need for well and septic) and the need for vehicular access to/from S. Hughes Road.

The area includes a mix of recreational and residential uses, though the nearby residential is generally on lots much smaller than 1 acre in area.

Generally speaking, the Master Plan classification reflects a demand for residential in this area of the Township. Rezoning will also mitigate a nonconforming use, as previously noted.

7. Where a rezoning is reasonable given the above criteria, a determination the requested zoning district is more appropriate than another district or amending the list of permitted or Special Land Uses within a district.

The site contains an existing single-family residence that is nonconforming under the current PRF zoning.

The requested rezoning would make the residence a compliant use, while the reduced setbacks would make nonconforming buildings and structure more conforming.

In our opinion, SR is more appropriate than PRF for the principal use of the property and as a means to reduce nonconformity.

8. The request has not previously been submitted within the past one (1) year, unless conditions have changed or new information has been provided.

This request has not previously been submitted within the past year.

Should you have any questions concerning this matter, please do not hesitate to contact our office.

Respectfully,
SAFEBUILT STUDIO

Brian V. Borden, AICP
Planning Manager

TETRA TECH

October 31, 2024

Ms. Amy Ruthig
Genoa Township
2911 Dorr Road
Brighton, MI 48116

Re: Bianco Rezoning
Site Plan Review No. 2

Dear Ms. Ruthig:

Tetra Tech conducted a second review of the Bianco rezoning submittal last dated September 22, 2024. The rezoning plan and impact assessment were prepared by Boss Engineering on behalf of Jill Bianco. The 9.76-acre site is located on the southwest side of South Hughes Road, just south of Arrow Drive. The Petitioner is proposing to rezone the parcel from Public and Recreational Facilities (PRF) to Suburban Residential (SR).

No site improvements are proposed as part of the proposed rezoning application and the site already includes a single-family residence that is consistent with the proposed rezoning. Since no improvements are proposed and the proposed rezoning is generally a less intense use, we have no engineering concerns with the proposed rezoning.

Please call or email if you have any questions.

Sincerely,

Shelby Byrne, P.E.
Project Engineer

Sydney Streveler, EIT
Civil Engineering Group

Tetra Tech
3497 Coolidge Road, East Lansing, MI 48823
Tel 517.316.3930 Fax 517.484.8140 www.tetratech.com

BRIGHTON AREA FIRE AUTHORITY
615 W. Grand River Ave.
Brighton, MI 48116
o: 810-229-6640 f: 810-229-1619

October 7, 2024

Sharon Stone-Francis
Genoa Township
2911 Dorr Road
Brighton, MI 48116

RE: Hughes Road Re-Zoning
410 S Hughes Rd
Genoa Twp., MI

Dear Sharon,

The Brighton Area Fire Department has reviewed the above-mentioned site plan. The plans were received for review on September 25, 2024 and the drawings are dated September 17, 2024. The project is based on the rezoning of an existing 9.76-acre parcel currently zoned as Public and Recreational Facilities (PRF) to Low-Density Residential (LDR). The plan review is based on the requirements of the International Fire Code (IFC) 2021 edition.

The Fre Authority has no opposition to the Rezoning, however, will need to review the final site plan for the number of units for access and water supply needs.

Additional comments will be given during the building plan review process (specific to the building plans and occupancy). The applicant is reminded that the fire authority must review the fire protection systems submittals (sprinkler & alarm) prior to permit issuance by the Building Department and that the authority will also review the building plans for life safety requirements in conjunction with the Building Department.

If you have any questions about the comments on this plan review please contact me at 810-229-6640.

Cordially,

Rick Boisvert, CFPS
Fire Marshal

cc: Sharon Stone sharon@genoa.com

GENOA TOWNSHIP IMPACT ASSESSMENT
PROPERTY RE-ZONING

Prepared for:

Applicant / Property Owner
Jill Bianco
410 S Hughes Rd
Howell, Michigan 48843

Prepared by:

Jared Prather, E.I.T.

BOSS Engineering

3121 E. Grand River Howell, MI 48843
517.546.4836 fax 517.548.1670
www.bosseng.com

October 22, 2024

DISCUSSION ITEMS

A. Name(s) and address(es) of person(s) responsible for preparation of the Impact Assessment and a brief statement of their qualifications.

Prepared by:

Jared Prather, E.I.T.
Project Engineer
Boss Engineering
3121 E Grand River
Howell, MI 48843

Prepared for:

Owner/ Applicant:
Jill Bianco
600 Woodcrest Dr
Dearborn, MI 48124

B. Description of the site, including existing structures, man-made facilities, and natural features, all-inclusive to within 10' of the property boundary.

The project site is on parcel # 4711-03-300-011 in Sections 3 & 4, Genoa Township, Livingston County, MI and is proposed to be re-zoned from Public and Recreational Facilities (PRF) to Suburban Residential (SR).

The subject site is bordered:

- On the north by the 42.29 acre ± Lake Chemung Outdoor Resort which is zoned Public and Recreational Facilities District (PRF).
- On the east by South Hughes Road and by the 100.08 acre ± Lake Chemung Outdoor Resort Golf Course across South Hughes Road (zoned PRF)
- On the south by the 2.21 acre ± lot at 500 South Hughes Road with parcel ID 4711-03-300-016 zoned Lakeshore Resort Residential (LRR).
- On the south by other (LRR) lots, each sized less than 1 acre
- On the west by Lake Chemung

C. Impact on natural features: A written description of the environmental characteristics of the site prior to development, i.e., topography, soils, vegetative cover, drainage, streams, creeks or ponds.

This project site is located on the northeast shoreline of Lake Chemung. Lake Chemung Outlet Drain, a Livingston County Drain Commissioner open drain, runs into the northwest corner of the site. A 9.76 acre +/- wetland covers the midsection of the parcel and off-site to the adjacent parcel to the north. The existing soils onsite are mainly Carlisle Muck within the wetland area and Gilford sandy loam along the lakeshore and by South Hughes Road. The southeast and northwest areas of the site are hilly with slopes upwards of 12% per Natural Resources Conservation Service Web Soil Survey. The site also features woodlands throughout the property. One single-family home is currently on the parcel in the northwest property line.

D. Impact on storm water management: description of soil erosion control measures during construction.

Future construction will plan for storm water to be managed onsite and installed before construction. Detailed construction plans would be reviewed by the Township Engineer and the Soil Erosion Control permit would be reviewed and issued by the Livingston County Drain Commissioner.

E. Impact on surrounding land use: Description of proposed usage and other man-made facilities; how it conforms to existing and potential development patterns. Effects of added lighting, noise or air pollution which could negatively impact adjacent properties.

Existing woodlands throughout the property and along property lines help screen adjacent uses from the proposed suburban residential single-family use. The proposed use is compatible with future land use and with the adjacent single-family residential. Additionally, the parcel designation on the zoning map is inconsistent with the Genoa Township existing & future land use maps. The zoning map indicates the parcel as being Public & Recreational Facilities (PRF) whereas the Map 6 Existing Land Use Master Plan Update of October 2013 shows Single-Family Residential & the Map 7 Future Land Use Master Plan Update of December 2015 shows the parcel as Small Lot Single-Family Residential – 2 to 3 units per acre.

F. Impact on public facilities and services: Description of number of residents, employees, patrons, and impact on general services, i.e., schools, police, fire.

MHOG water and sewer do not currently serve this parcel. The site is anticipating using an onsite septic field and well for sanitary sewer and water services respectively.

G. Impact on public utilities: description of public utilities serving the project, i.e., water, sanitary sewer, and storm drainage system. Expected flows projected in residential units.

As previously stated, public water and sewer via MHOG do not currently serve this parcel. Any future construction would plan for storm water to be managed onsite and installed before construction. Detailed construction plans would be reviewed by the Township Engineer and the Soil Erosion Control permit would be reviewed and issued by the Livingston County Drain Commissioner.

H. Storage or handling of any hazardous materials: Description of any hazardous materials used, stored, or disposed of onsite.

No storing or handling of any hazardous materials is expected for this site.

I. Impact on traffic and pedestrians: Description of traffic volumes to be generated and their effect on the area.

There is already one single-family residence on this parcel with no additional parcels planned at this time.

J. Special provisions: Deed restrictions, protective covenants, etc.

No special provisions, deed restrictions, or protective covenants are known to exist.

K. Description of all sources:

- Genoa Township Zoning Ordinance and engineering standards
- Livingston County Drain Commissioner engineering standards
- NRCS Web Soil Survey
- Institute of Traffic Engineers (ITE) Trip General Manual, 10th Edition

LEGEND

PROPOSED (PR)	EXISTING (EX)	
900	900	CONTOUR
	922.08	SPOT ELEVATION
FF	FF	FINISHED FLOOR ELEVATION
FG	FG	FINISHED GRADE ELEVATION
T/A	T/A	TOP OF ASPHALT
T/C	T/C	TOP OF CURB / CONCRETE
T/W	T/W	TOP OF WALK
F/L	F/L	FLOW LINE
T/P	T/P	TOP OF PIPE
B/P	B/P	BOTTOM OF PIPE
RIM	RIM	RIM ELEVATION
INV	INV	INVERT ELEVATION
MH	MH	MANHOLE STRUCTURE
IN	IN	INLET STRUCTURE
CB	CB	CATCHBASIN STRUCTURE
RY	RY	REARYARD STRUCTURE
ES	ES	END-SECTION
GV	GV	GATEVALVE STRUCTURE
HY	HY	HYDRANT
UP	UP	UTILITY POLE
SN	SN	SANITARY SEWER
SL	SL	SANITARY LEAD
FM	FM	FORCE MAIN
PS	PS	PRESSURE SEWER
ST	ST	STORM SEWER
WM	WM	WATER MAIN
WL	WL	WATER LEAD
FO	FO	FIBER OPTIC
OH	OH	OVERHEAD WIRE
C	C	CABLE
E	E	ELECTRIC
G	G	GAS
T	T	TELEPHONE
X	X	FENCE
SF	SF	SILT FENCE
		WETLAND BOUNDARY
		LIMITS OF GRADING/CLEARING
		MANHOLE
		INLET / CATCHBASIN
		FLARED END-SECTION
		GATE VALVE
		HYDRANT
		UTILITY POLE
		SIGN
TBR	NFV	NOT FIELD VERIFIED TO BE REMOVED
		SANITARY SEWER LABEL
		STORM SEWER LABEL
GV 12		WATER MAIN LABEL
		SOIL EROSION CONTROL MEASURE (P=PERMANENT, T=TEMPORARY)
		CONCRETE
		ASPHALT
		MODIFIED CURB

N

SCALE: 1 INCH = 40 FEET

SITE DATA

PARCEL # 4711-03-300-011
410 S. HUGHES RD
HOWELL, MI
GENOA TOWNSHIP
9.76 AC. ±

CURRENT ZONING: PUBLIC AND RECREATIONAL FACILITIES (PRF)
CURRENT USE: RESIDENTIAL

PROPOSED RE-ZONING: SUBURBAN RESIDENTIAL (SR)
REQUIRED LOT AREA: 1 AC.
PROPOSED USE: SINGLE-FAMILY RESIDENTIAL

SR DISTRICT DIMENSIONAL STANDARDS

		PROVIDED
-	MIN. LOT AREA: 1 AC.	
-	MIN. LOT WIDTH: 100 FT	
-	BUILDING SETBACK:	
	FRONT: 40 FT	40 FT
	SIDE: 20 FT EACH (40 FT TOTAL)	20 FT EACH
	REAR: 50 FT	50 FT
	MAX LOT COVERAGE: 20% BLDG, 35% IMP	1% BLDG, 4.56% IMP
	MAX BUILDING HEIGHT: 35 FT (2 STORIES)	

THE LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES AS SHOWN HEREON ARE APPROXIMATE AND NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES AND PROPOSED LOCATION AND ELEVATION OF EXISTING UTILITIES AND PROPOSED CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY CONFLICTS ARE FOUND BETWEEN THE PLANS AND THE LOCATION OR DEPTH DIFFERS SIGNIFICANTLY FROM THE PLANS.

3 WORKING DAYS BEFORE YOU DIG 1-800-482-7171 MISS DIG

STATE OF MICHIGAN
BRENT N. LaVANWAY
ENGINEER
No. 38211
REGISTERED PROFESSIONAL ENGINEER

BE BOSS Engineering
Engineers Surveyors Planners Landscape Architects
3121 E. GRAND RIVER AVE.
HOWELL, MI. 48843
517.546.4836 FAX 517.548.1670

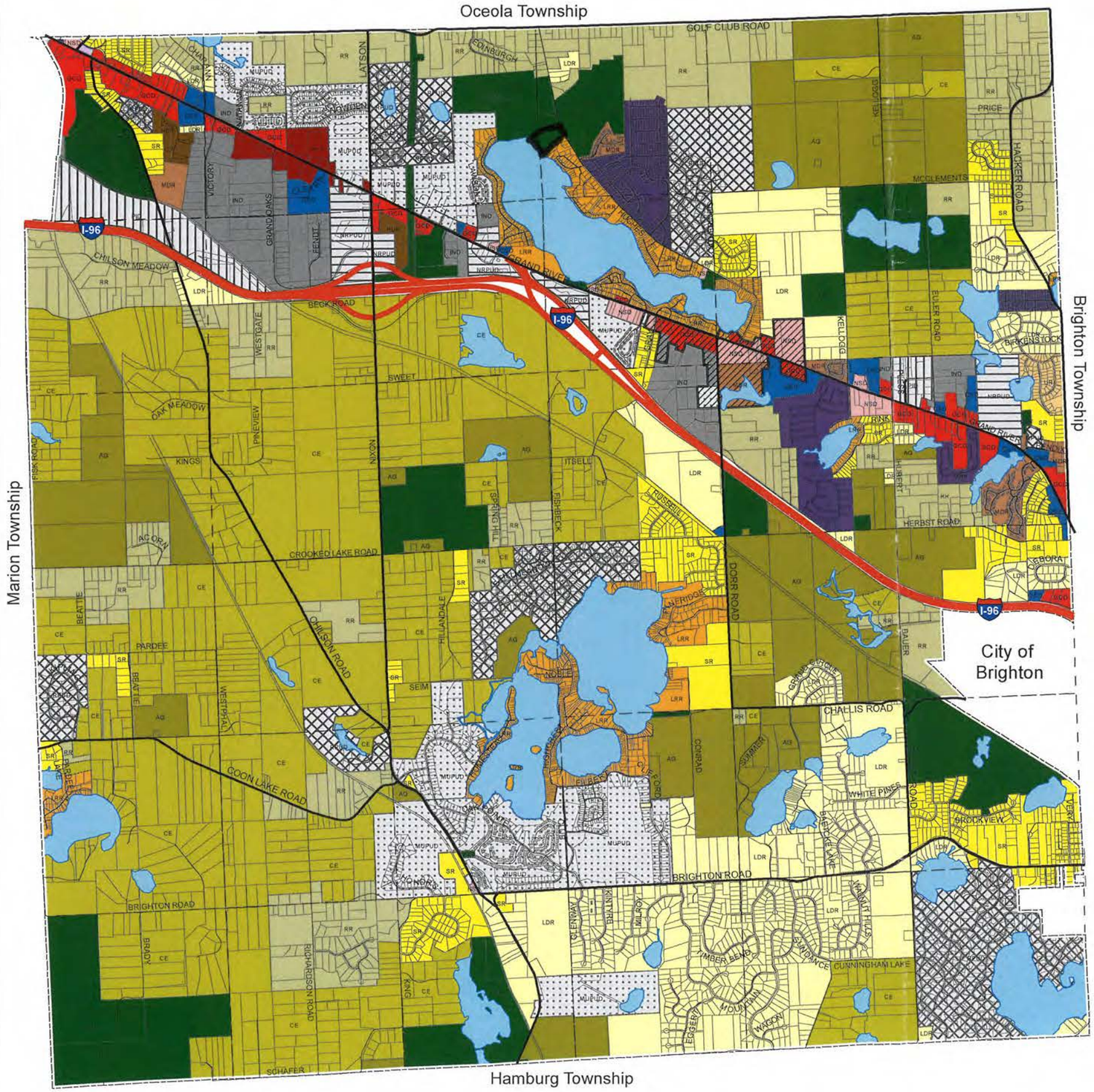
PROJECT: HUGHES ROAD PARCEL RE-ZONING

PREPARED FOR: JILL BIANCO
600 WOODCREST DR.
BLOOMFIELD HILLS, MI 48304
313-929-2279

TITLE: RE-ZONING PLAN

NO	BY	REVISION PER	DATE
1	JP	COMMENTS PER TOWNSHIP REVIEW	10/22/24

DESIGNED BY: JP
DRAWN BY: JP
CHECKED BY: BL
SCALE: 1" = 40'
JOB NO: 22-023
DATE: 09/17/24
SHEET NO. 1 of 1



Zoning Map

Genoa Charter Township
Livingston County, Michigan

Legend

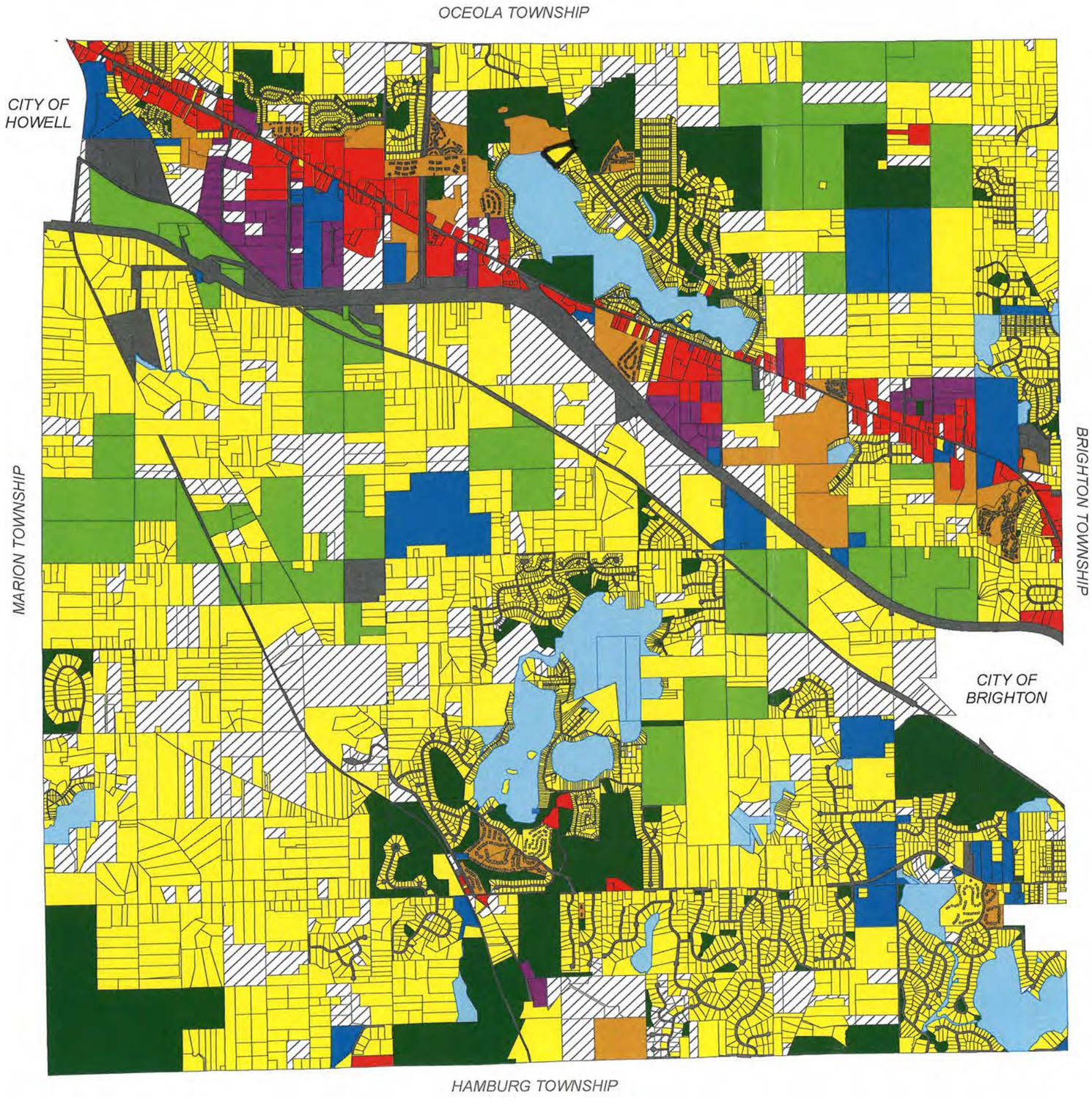
AG	RC
CE	GC
RR	NS
LDR	OS
SR	NRPUD
LRR	IND
UR	PID
MDR	PRF
HDR	MUPUD
RPUD	RDPUD
MHP	Town Center

Updates:
04/11/08 - Multiple Revisions (42 parcels)
09/12/08 - 4489 & 4495 Oak Pointe Drive (LRR)
02/25/11 - United Way Conditional Rezoning (OSD)
10/2/12 - Corrected Map re. court stipulation for Pet Ritz from 05/18/2006 (AG)
11/29/12 - Corrected Map re. Zeeb property approved 3/15/04 (MUPUD)
01/07/13 - Dakkota (14-100-014) Conditional Rezoning (OSD)
10/10/13- Corrected Map re. (29-200-036) - was rezoned 8/18/2003 (RPUD)
11/13/14 - Removed Lucy Rd 425 Area, Rezone Latson Elementary (09-100-036;RR-NRPUD)
Correct Brighton Lake Rd. Error (RPUD-LDR)
02/16/15 - Comply with Court Order for 33-400-003 & 34-300-005 (RPUD to AG)

N
W E
S

1 inch = 3,500 feet

Official Zoning Map
Adopted May 2, 2005
Created by: Kelly VanMarter
Basemap layers provided by:
Livingston County GIS



MAP 6
Existing Land Use

Master Plan Update
Genoa Township
Livingston County, MI

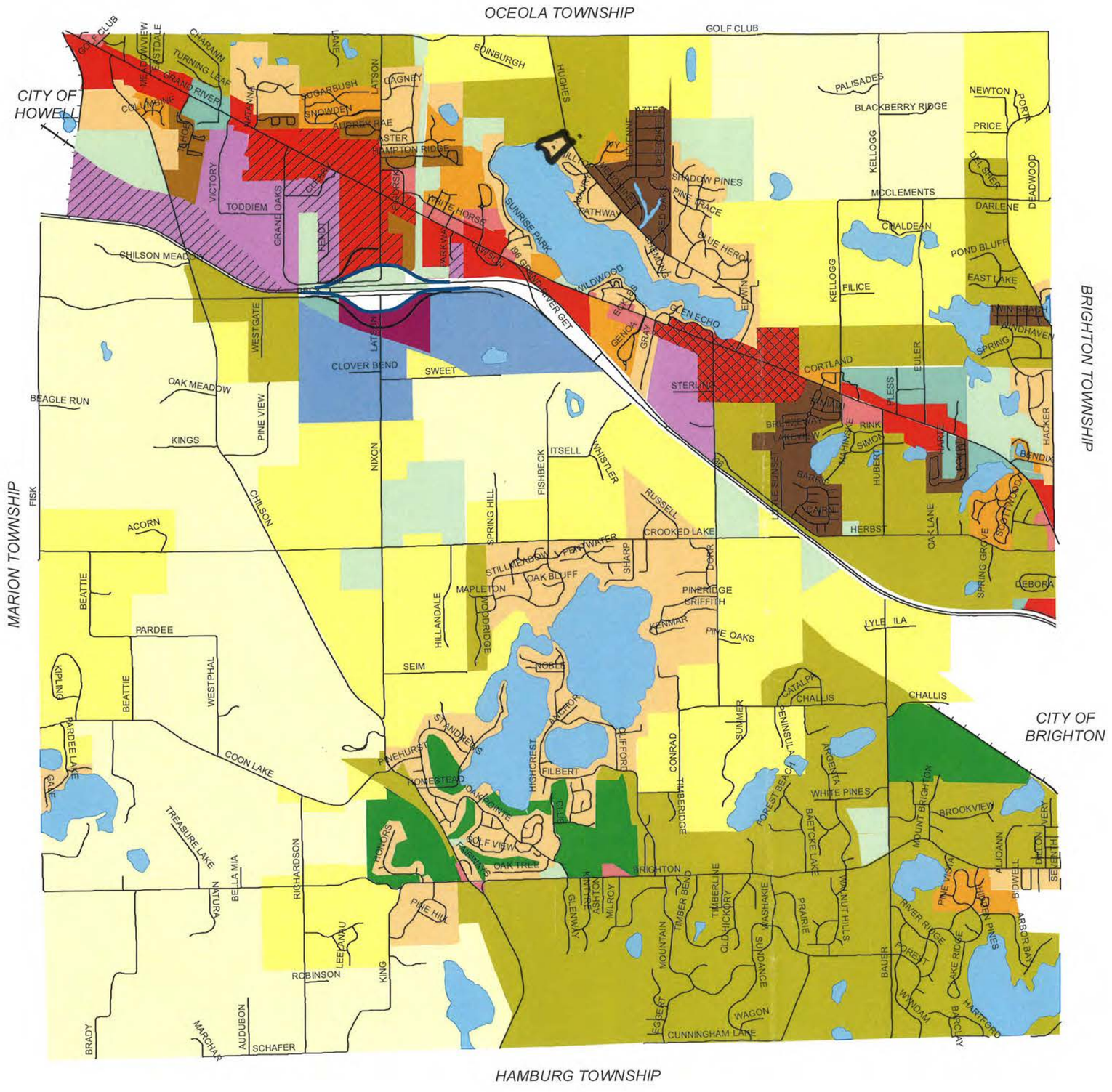
- Single-Family Residential
- Multiple-Family Residential
- Commercial
- Industrial
- Public
- Agriculture
- Parks
- Transp/Comm/Utilities
- Vacant
- Water
- Township Boundary
- Waterways

October 2013

0 0.25 0.5 1 1.5 Miles

Sources: 2008 SEMCOG Land Use,
field checked by Genoa Twp 7/12

LSL Planning, Inc.
Community Planning Consultants



MAP 7

Future Land Use

Master Plan Update
Genoa Township
Livingston County, MI

- AGRICULTURE/COUNTRY ESTATE - 5 acres per unit
- LARGE LOT RURAL RESIDENTIAL - 2 acres per unit
- LOW DENSITY RESIDENTIAL - 1 acre per unit
- SMALL LOT SINGLE FAMILY RESIDENTIAL - 2 to 3 units per acre
- MEDIUM DENSITY RESIDENTIAL - 5 units per acre
- HIGH DENSITY RESIDENTIAL - 8 units per acre
- MANUFACTURED HOUSING
- NEIGHBORHOOD COMMERCIAL
- GENERAL COMMERCIAL
- REGIONAL COMMERCIAL
- MIXED-USE TOWN CENTER
- OFFICE
- INDUSTRIAL
- RESEARCH AND DEVELOPMENT
- PUBLIC/INSTITUTIONAL/UTILITIES
- PRIVATE RECREATION
- INTERCHANGE CAMPUS
- INTERCHANGE COMMERCIAL

December 2015

0 0.25 0.5 1 1.5 Miles

Sources: MCGI, Livingston County, Genoa Twp

LSL Planning
A SAFEbuilt Company

2911 Dorr Road
Brighton, MI 48116
810.227.5225
810.227.3420 fax
genoa.org

MEMORANDUM

TO: Honorable Board of Trustees

FROM: Kelly VanMarter, Township Manager

DATE: January 15, 2024

RE: Cropland Agreement Renewal - 2025

Please find attached a proposed renewal of the Cropland Agreement with Cathy and Tim Esper for the continued agricultural use of the Lyle Herbst Farm and adjacent park parcel. The 2024 lease yielded $2,777.50 in revenue for the parks and recreation fund. This agreement was prepared by the Township Attorney in 2024 and the Esper's are seeking to renew the agreement for 2025. The only change to the agreement is a slight reduction from 51 acres to 50.5 acres to reflect the amount of land they are utilizing.

SUPERVISOR
Kevin Spicher

CLERK
Janene Deaton

TREASURER
Robin L. Hunt

TRUSTEES
Rick Soucy
Bill Reiber
Candie Hovarter
Todd Walker

MANAGER
Kelly VanMarter

For the portions of the land purchased with Natural Resources Trust Fund grant money, the MDNR has approved the temporary use of the park for concurrent agricultural use to ensure that the fallow fields are not overrun by invasive species such as the highly aggressive autumn olive while the Township prepares to convert the use from passive to active recreation. In addition, we believe that maintaining crops for a few years alongside the recreational use of the land will increase plant, animal, and insect biodiversity and will improve pollinator habitats that support fruit and vegetable production and soil health. The MDNR requires that any proceeds associated with this activity be invested back into the park. Current fiscal year budget provides a line item within the Parks and Recreation Fund to ensure that the funds are used appropriately.

In this regard, please consider the following motions

Moved by _____ and **supported** by _____ to approve the Cropland Agreement for 2025 with Cathy and Tim Esper to maintain the historical agricultural use of 50.5 acres of fields located on parcel 4711-23-100-005 with revenue to be placed in Parks and Recreation Fund line item #208-000-434-001.

Sincerely,

Kelly VanMarter

Cropland Agreement
Genoa Charter Township
Parcel 4711-23-100-005

Cathy and Tim Esper and Genoa Charter Township agree to utilize 50.5 acres of parkland at 6132 Crooked Lake Road, Howell Mi, for the purpose of farming for crop year 2025. They understand that the land must always be available for the public outdoor recreation in addition to being used for crops. Payment to the Township shall be $55.00 per harvested acre to be paid by December 31, 2025.

They can trim fields as needed for equipment and they assume all liability while on property for themselves and anyone they permit to be on the property. If a claim or lawsuit is made arising out of this cropland agreement, Cathy and Tim Esper agree to defend and indemnify the Township and its employees and officials. Agreement renewal will be decided by 12-31-2025. They can sign for farm programs and crop insurance.

All land planted can be harvested.

Kevin T. Spicher
Superviser, Genoa Charter Township
2911 Dorr Road, Brighton, Mi 48116
Township: (810) 227-5225

Cathy or Tim Esper
2961 Jewell Road, Howell, Mi 48843
(571)546-8147 (no voicemail) get texts

8. The trees shall be maintained healthy and replaced if dead or diseased.
The motion carried unanimously.

5. **Request for approval of Resolution #5D, the fourth (4th) amendment to Resolution #5 for the Pine Creek Ridge Road Improvement Special Assessment District to increase the assessment amount to include legal fees, and to move the project from the Summer 2024 to the Winter 2024 tax roll. (Roll Call)**

Ms. VanMarter stated after the tax tribunal hearings, the township received reports of support for the township for all but one appeal that were filed. A report for one final opinion for one case is still waiting.

The township spent $75,000 fighting these appeals. This will be added to the assessment for the 266 parcels. This is an increase of approximately $285 per parcel. This was originally planned to be on the summer 2024 tax bill and the deadline for that is June 10, and she is unsure if she will receive the opinion on the last case in time, so it will be moved to the winter tax bill.

Ms. Hunt advised that the no interest prepayment deadline will be June 1.She noted that some property owners have already paid the original assessment, so their tax bill will only show the increase of $285.

Supervisor Rogers thanked staff for their work. The rulings prove that it was done correctly.

Moved by Hunt, supported by Lowe, to approve Resolution #5D, the fourth (4th) amendment to Resolution #5 for the Pine Creek Ridge Road Improvement Special Assessment District to increase the assessment amount to include legal fees, and to move the project from the Summer 2024 to the Winter 2024 tax roll.
The motion carried unanimously with a roll call vote (Ledford - yes, Croft - yes, Hunt - yes, Lowe - yes, Dhaenens - yes, and Rogers - yes).

6. **Request for approval of a Cropland Agreement for 2024 with Cathy and Tim Esper to maintain the historical agricultural use of 51 acres of fields located on parcel 4711-23-100-005 with revenue to be placed in Parks and Recreation Fund line item #208-000-434-001.**

Ms. VanMarter provided a review of the proposal, noting that it has the State's approval. This is a one year agreement so it would need to be reviewed annually.

Moved by Lowe, supported by Dhaenens, to approve the Cropland Agreement for 2024 with Cathy and Tim Esper to maintain the historical agricultural use of 51 acres of fields located on

parcel 4711-23-100-005 with revenue to be placed in Parks and Recreation Fund line item #208-000-434-001.

7. Discussion regarding Great Start Livingston StoryWalk installation at the Township park.

Supervisor Rogers stated he was approached by LESA to have a StoryWalk installed at the township park. LESA will provide the books and the stands, but they need assistance with installation. The township has equipment to drill the holes for the footings to install the posts. If the board agrees, LESA will visit the park and determine the path. They will also make a presentation to the township. All board members agree this would be a great addition to the park.

Correspondence

Ms. Lowe stated information regarding the recreational millage that will be on this August's ballot was forwarded to the board.

There was a letter at the table this evening from Kristine Cook Lindsey of 3920 Highcrest Drive expressing her opposition to the Latson Road PUD.

Member Discussion

Ms. Lowe stated that the Livingston County Planning Department has a Master Plan meeting on May 29. The details can be found on both the County's and Township's websites.

Ms. Lowe stated that the October 19, 2023 Planning Commission meeting minutes do not show her vote for all four of the motions for denial for the Latson Road PUD. She was present but her name was omitted. She knows they cannot be changed, but she wants the record to show that she was present and supported the four motions for denial. Ms. VanMarter recommended that Mr. Dhaenens advise the Planning Commission of this at their next meeting.

Ms. Lowe responded to the comments regarding asking for new members to be appointed to township boards and commissions. There are many members who have served for many years on various boards and that experience is valuable. She noted that Barb Figurski served for a long time and, with that experience, she was so valuable on those boards. The more experience you have, the more valuable you will be.

Ms. Lowe stated she toured the Herbst home today. She questioned if there are grants available for improvements to the home. She also asked if there are plans for the outbuildings. Could the township have a volunteer day to help to clean up the home and site? She noted there are a lot of personal items in the home. Ms. VanMarter stated the personal items belong to Lyle's

Cropland Agreement
Genoa Charter Township
Parcel 4711-23-100-005

Cathy and Tim Esper and Genoa Charter Township's agree to utilize 51 acres of parkland at 6132 Crooked Lake Road, Howell, MI for the purpose of farming for crop year 2024. They understand that the land must always be available for public outdoor recreation in addition to be used for crop. Payment to the Township shall be $55.00 per harvested acre to be paid by December 31, 2024.

They can trim fields as needed for equipment and they assume all liability while on property for themselves and anyone they permit to be on the property. If a claim or lawsuit is made arising out of this cropland agreement, Cathy and Tim Esper agree to defend and indemnify the Township and its employees and officials. Agreement renewal will be decided by 12-31-2024. They can sign for farm programs and for crop insurance.

All land planted can be harvested.

Bill Rogers
Supervisor, Genoa Charter Township
2911 Dorr Road, Brighton, MI 48116
Township: (810) 227-5225
BOARD APPROVED 5/6/24

Cathy or Tim Esper
2961 Jewell Road, Howell, MI 48843
(517) 546-8147 (no voicemail) get texts

2911 Dorr Road
Brighton, MI 48116
810.227.5225
810.227.3420 fax
genoa.org

MEMORANDUM

TO: Honorable Board of Trustees

FROM: Kelly VanMarter, Township Manager

DATE: January 15, 2025

RE: Special Counsel

As requested by the Board, we have sought proposals seeking special counsel to assist with the validity of the Innovation Park Planned Unit Development Agreement. Attached is a proposed Letter of Engagement from Mike Homier with Foster Swift Collins & Smith PC for your consideration. I've provided a link here to Mr. Homier's bio on the company website for your information: https://www.fosterswift.com/professionals-Michael-Homier-Attorney.html#Overview

If the Board wishes to move forward with Mr. Homier as special counsel, I offer the following motion for your consideration:

Moved by _____, **supported by** _____to authorize the Township Supervisor to execute a Letter of Engagement with Foster Swift to act as special counsel in regard to the validity of the Innovation Park Planned Unit Development Agreement and the S. Latson Road area.

Sincerely,

Kelly VanMarter

SUPERVISOR
Kevin Spicher
CLERK
Janene Deaton
TREASURER
Robin L. Hunt
TRUSTEES
Rick Soucy
Bill Reiber
Candie Hovarter
Todd Walker
MANAGER
Kelly VanMarter

Lansing
313 S. Washington Square
Lansing MI 48933

Southfield
28411 Northwestern Highway – Suite 500
Southfield MI 48034

Grand Rapids
1700 E. Beltline NE – Suite 200
Grand Rapids MI 49525

Detroit
333 W. Fort Street – Suite 1400
Detroit MI 48226

Holland
151 Central Avenue – Suite 260
Holland MI 49423

Walter S. Foster
1878-1961
Richard B. Foster
1908-1996
Theodore W. Swift
1928-2000
John L. Collins
1926-2001

Webb A. Smith - *Retired*

Charles A. Janssen
Charles E. Barbieri
Scott L. Mandel
Michael D. Sanders
Brent A. Titus
Brian G. Goodenough
Matt G. Hrebec
Deanna Swisher

Thomas R. Meagher
Douglas A. Mielock
Scott A. Chernich
Paul J. Millenbach
Dirk H. Beckwith
Brian J. Renaud
Lynwood P. VandenBosch
Lawrence Korolewicz
James B. Doezema
Anne M. Seurynck
Michael D. Homier
Scott H. Hogan
Benjamin J. Price
Michael R. Blum
Jonathan J. David
Andrew C. Vredenburg
Julie I. Fershtman
Todd W. Hoppe
Jennifer B. Van Regenmorter

Thomas R. TerMaat
Frederick D. Dilley
David R. Russell
Joel C. Farrar
Laura J. Genovich
Karl W. Butterer, Jr.
Mindi M. Johnson
Ray H. Littleton, II
Jack L. Van Coevering
Anna K. Gibson
Nicholas M. Oertel
Alicia W. Birach
Adam A. Fadly
Michael J. Liddane
Ryan E. Lamb
Clifford L. Hammond
Matthew S. Fedor
Andrea Badalucco
Stefania Gismondi

Leslie A. Abdoo
Julie L. Hamlet
Michael C. Zahrt
Mark T. Koerner
Warren H. Krueger, III
Taylor A. Gast
Thomas K. Dillon
Robert A. Hamor
Jacquelyn A. Dupler
Dora A. Brantley
James F. Anderton, V
Sara L. Cunningham
Michael A. Cassar
Alexander S. Rusek
Steven J. Tjapkes
Erica E.L. Huddas
Jennifer L. Montasir
Bryan Cermak
Mikhail Murshak

Kevin J. Roragen
Courtney G. Agrusa
Rachael Kuilema Klein
Michael R. Kluck
Gabrielle C. Lawrence
Kelly Reed Lucas
Paula K. Manis
James R. Neal
Michael G. Oliva
Michael H. Rhodes
Jeffrey S. Theuer
Lino A. Taormina
Amanda J. Dernovshek
Brandon M. H. Schumacher
Alaina M. Nelson
Anthony M. Dalimonte
Benjamin C. Dilley
Nicholas J. Stock, II
Keith T. Brown

Mallory E. Reader
Benjamin M. Williams
Reed K. Powers
Dina D. Kashat
Danielle N. Romano
Lindsey M. Mead
Destiny R. Hughes
Nathan J. Wood
Samantha L. Diamond
McKenna S. Rivers
Melanie A. Assad
Matthew C. Murray
Mackenzie M. Almassian
Patrick E. Quinn
James A. Ryan
Charles R. Sarchet

Writer's Direct Phone: 616.726.2230 **Fax**: 517.367.7120 **Reply To**: Grand Rapids **Email**: MHomier@fosterswift.com

January 14, 2025

Email

Kelly VanMarter
Township Manager
Genoa Charter Township
2911 Dorr Road
Brighton, MI 48116

Dear Ms. VanMarter:

We are pleased Genoa Charter Township (the "Township") wishes to engage Foster Swift (the "Firm") to represent the Township's interests. It is customary in the legal profession to initiate a relationship between an attorney and client through an engagement letter. This engagement letter will serve as an agreement about the nature and scope of our relationship with the Township.

Our services to the Township will be billed on the basis of hourly rates for the time incurred. Hourly rates differ between attorneys and subject matter but are generally in the range of $245 per hour to $550 per hour. My standard hourly rate is $505 per hour. However, we are sensitive to governmental budgets and offer our municipal clients a substantial reduction for public work. **Thus, the hourly rate for services provided to the Township will be capped at $295 per hour, meaning that regardless of the attorney working on matters, the Township will not be billed more than $295 per hour.**

The hourly rate for legal services we provide to the Township will remain in effect until December 31, 2025, after which the Firm may adjust its rate annually, but not by more than 5% unless otherwise agreed upon. The Township will also be billed for photocopies and other out-of-pocket expenses by the Firm on the Township's behalf. The costs and attorney fees will be billed monthly. **Our invoices will be sent by e-mail, unless you direct us to send them in some other fashion.** If an invoice is not timely paid,

a late charge may be added to any portion not paid within thirty (30) days. The late charge will be computed at the rate of .58% per month (7% annual) starting thirty (30) days after the date of the invoice.

Based on the information you have provided, the Firm believes that its representation of the Township complies with the Michigan Rules of Professional Conduct. However, if we determine that a conflict of interest arises during this engagement, the Firm may take appropriate steps to remedy the conflict, including withdrawal.

Our responsibility in representing the Township is, of course, to do so in a manner that is consistent with the customary professional practices and requirements for handling the Township's legal matters. In sum, we will need the Township's full and timely cooperation. This will likely include providing us with various materials relating to the matters for which the Township is utilizing our services. Further, the Township agrees that our work may be authorized and directed by any individual, officer, or agent of the Township, unless the Township advises us to the contrary in writing.

The Firm will pursue the Township's legal matters conscientiously and without delay, but with regard for the Firm's workload and the nature of the legal system. The Firm will keep the Township reasonably informed about the status of this matter and welcomes requests for information.

We intend to establish a mutually rewarding and enduring relationship with the Township as its legal counsel. Nevertheless, the Township is free to terminate our services at any time by written notice to us to that effect. We may also terminate our services to the Township, by written notice to the Township to that effect, if the Township unreasonably fails to cooperate with us, if our monthly statements are not paid in a timely manner, or if we determine that our continued representation of the Township would violate the rules of professional responsibility applicable to lawyers or would otherwise be impractical.

If the Township terminates our representation, the Firm will return to the Township any original materials in the Firm's files that belong to the Township. The Firm will dispose of its files (including the Firm's work product) related to Township matters as it sees fit.

This engagement letter is intended to govern all of the legal services that we may render to the Township unless and until the Firm and the Township mutually agree in writing to a different arrangement with respect to providing our legal services to the Township.

Should you have any questions, please do not hesitate to call us. If the Township agrees with the above, please execute this engagement letter at the bottom on behalf of the Township. We look forward to serving Genoa Charter Township.

Sincerely,

FOSTER SWIFT COLLINS & SMITH PC

Michael D. Homier

MDH:als

For and on behalf of Genoa Charter Township

_____

Printed Name:_____

Title:_____

_____
Date

Additional Terms of Engagement

Scope of Engagement:

Our engagement is on behalf of the parties expressly named in our agreement. As way of example, our representation of an entity does not include a representation of the interests of the individuals that are directors, shareholders, or officers of that entity.

Cooperation:

You agree to fully, accurately, and truthfully disclose to us all facts that may be relevant to the matter or that we may otherwise request to keep us apprised of developments relating to the matter. You agree to cooperate fully with us in all matters related to the preparation and presentation of your claims. We will be relying on the completeness and accuracy of the information you provide when we perform our services.

No Promise or Guarantee of Results:

You agree that we have made no promises or guarantees regarding the outcome of your case. Either at the beginning or during the course of our representation, we may express our opinions or beliefs concerning the matter or various courses of action and the results that might be anticipated. Any such statement made by any attorney, employee, or agent of our firm is intended to be an expression of opinion only, based on information available to us at the time, and must not be construed by you as a promise or guarantee of any particular result. In addition, the advice, and communications we render on your behalf are not intended to be disseminated to or relied on by any other parties without our prior written consent.

Consultations with Internal and Outside Counsel to the Firm:

We represent a large number of clients on a wide variety of complex matters. In the course of our representation, we may consult with the firm's internal counsel with expertise in legal ethics issues and in the past have considered such consultations to be attorney-client privileged. Recent court rulings have indicated that in some circumstances such consultations may not be deemed privileged. Our firm believes that expert advice and analysis regarding legal ethics issues would positively benefit our clients.

You agree that if we determine during the course of the representation that it is either necessary or appropriate to consult with our firm's internal counsel or outside counsel to the firm, we have your consent to do so and that our representation of you shall not, thereby, waive any attorney-client privilege.

E-mail Policy:

Our firm's attorneys, employees, and agents may utilize e-mail for communications in this matter unless you notify us, in writing, not to use this means of communication. Unless you request in writing that we encrypt out-going e-mail and we have agreed in writing to reasonable and mutually acceptable protocols, documents sent to you by e-mail will not be encrypted.

Our firm expends reasonable efforts to exclude any virus or other defect that might affect any computer or IT system from our e-mails and electronic documents. We do not accept liability for any loss or damage resulting from the use of commercial software, or the receipt or use of electronic communications from us containing a virus or defect that was not created by us.

Circular 230 Notices:

Congress has passed legislation imposing reporting requirements and penalties, which the IRS has implemented by amending Circular 230 and setting forth various rules about written tax advice. As a result, you may notice that we will often have a Circular 230 statement on written communications about reliance on what you receive.

Attorney's Lien:

All payments by way of recovery, award, judgment, or settlement to you from third parties shall be made jointly payable to you and us. If you obtain a monetary judgment or award, we shall have a lien on the proceeds to the extent of any of our unpaid fees, disbursements, or other charges.

Relationship Term:

When we have completed the specific professional legal services agreed to in this engagement, our attorney-client relationship shall end, regardless of the date you are billed or pay for our services.

Any agreement to provide non-professional services (facilities use, file storage, copies of old client files) does not revive the attorney-client relationship. The newsletters, e-mails, or other publications that we may occasionally send to you containing general updates on areas of the law of interest to you do not revive an attorney-client relationship.

Future Representation:

If our attorney-client relationship has ended, we have no obligation to represent you in connection with related matters unless we have agreed to do so in writing in our engagement agreement. Regardless of whether we are representing you in other matters, we have no duty to accept new engagements from you unless mutually agreed.

89597:00001:201060567-2

2911 Dorr Road
Brighton, MI 48116
810.227.5225
810.227.3420 fax
genoa.org

MEMORANDUM

TO: Kelly VanMarter, Kevin Spicher

FROM: Bill Reiber

DATE: 1/14/25

RE: Vacant businesses and lots along Grand River Ave

I am requesting that our staff compile a list of vacant businesses and vacant land parcels that are available for lease or sale along Grand River Ave within Genoa Township.

This list should include the addresses, owners, lease/month in the case of businesses or sale amount in the case of vacant parcels.

In addition, the length of time the vacant parcels have been available for lease/sale and the last date of occupancy in the case of businesses.

Thank you.

SUPERVISOR
Kevin Spicher
CLERK
Janene Deaton
TREASURER
Robin L. Hunt
TRUSTEES
Rick Soucy
Bill Reiber
Candie Hovarter
Todd Walker
MANAGER
Kelly VanMarter

2911 Dorr Road
Brighton, MI 48116
810.227.5225
810.227.3420 fax
genoa.org

Summary

TO: Board of Trustees

FROM: Kevin Spicher, Supervisor

DATE: 1-16-2025

RE: **Copier Replacement Proposal Summary**

After significant research, Adam and I winnowed the bidders down to 2 finalists for your consideration: Sharp, serviced by Image Tech, and Toshiba, serviced directly. Both sales reps are Genoa Township residents.

From all of our research, both manufacturers products are well regarded. Several of the proposed Toshiba products, including the large "workhorse" unit for the mailroom, do offer a higher page per minute output, which will reduce staff time at the printer on large jobs.

Image Tech provided a number of local Townships they work with and received excellent recommendations from the Supervisors of both Oceola and Putnam Townships.

The Toshiba rep services a large number of cities and counties. Eaton County, and the cities of Wixom & Novi being the closest. I was unable to reach a department head in any of those municipalities in time to make the packet.

Drilling down on cost, the proposed numbers are as follows:

	Purchase Cost	Monthly Maintenance/Toner
Image Tech	$35,503.85	$446.34 (This is a variable $ The total shown is based on 2024 use)
Toshiba	$39,089.00	$610.00 (This is a fixed $ for 3 years)

*** The Image Tech quote was for a 55 pg/min copier in the mailroom. Jumping to a 90 pg/min model to equal the Toshiba product quoted jumped the quoted price to $41,118.85, and also would require changing a plug in that room.

We also have a plotter to be maintained. Toshiba can service it under contract.

SUPERVISOR
Kevin Spicher
CLERK
Janene Deaton
TREASURER
Robin L. Hunt
TRUSTEES
Rick Soucy
Bill Reiber
Candie Hovarter
Todd Walker
MANAGER
Kelly VanMarter

The cost is $239.85/mo. Color prints are $.089 per linear ft. (we did 177 ft per month in 2024) Black prints are $.039 per linear ft. (we did 64 ft per month in 2024.)

Image Tech can't put the plotter under contract because they are not a licensed dealer, but they can service it. Any needed service would be done at the cost of a $150 service call, plus cost of parts. (Black Toner Cartridges run about $150/ea; Color run around $325. Outside of a $2000 laser head, most parts for the Kip plotter run less than $200.

IMAGE TECH

GENOA township
2911 Dorr Road, Brighton, Michigan 48116

SHARP

Sourcewell

01-2025

Genoa Township
2911 Dorr Rd
Brighton Mi 48116
Attn: Adam VanTassell

Proposed Solution: SHARP Advanced Series Copier: Replace Xerox B8055 Altalink

Sharp BP70M55 Monochrome MFP (1 Unit)
55 PPM
300 Page Single Pass Document Feeder (Scan speed up to 280ppm)
2 x 550 Sheet Adjustable Paper Drawers (up to 12x18)
2100 Sheet Split Tandem Drawer for 8 ½ x 11
100 Sheet Multi-Media Bypass Tray
Pullout Keyboard
SSD
External Finisher-Unlimited sorting/Multi-position Stapling/Post Job Stapling
Network Printing and Scanning
Secure Print
BIOS Integrity Check at Start up
USB-Scan to / Print from a thumb drive
Application White Listing
Firmware Attack Protection
Wireless
Soft Close Drawers
Walk up Wake up sensor

Proposed Solution: SHARP Advanced Series Copier: Replace Xerox C7025

Sharp BP70C31 Color MFP (1 Unit)
31 PPM
300 Page Single Pass Document Feeder (San speed up to 280ppm)
3 x 550 Sheet Adjustable Paper Drawers (up to 12 x 18)
100 Sheet Multi-Media bypass Tray
Pullout Keyboard
SSD
Sorting (electronic offset)
Network Printing and Scanning
Secure Print
BIOS Integrity Check at Start up
USB-Scan to / Print from a thumb drive
Application White Listing
Firmware Attack Protection
Wireless
Soft Close Drawers
Walk up Wake up sensor

Proposed Solution: SHARP Advanced Series Copier: Replace Xerox C8035 (x3)

Sharp BP70C36 Color MFP (3 Units)
36 PPM
300 Page Single Pass Document Feeder (San speed up to 280ppm)
2 x 550 Sheet Adjustable Paper Drawers (up to 12 x 18)
2100 Sheet 8 ½ x 11 Tandem Drawer Desk Unit
100 Sheet Multi-Media bypass Tray
Pullout Keyboard
SSD
Sorting (electronic offset)
Network Printing and Scanning
Secure Print
BIOS Integrity Check at Start up
USB-Scan to / Print from a thumb drive
Application White Listing
Firmware Attack Protection
Wireless
Soft Close Drawers
Walk up Wake up sensor

Proposed Solution: Desktop Printers to Replace 8 Xerox B400DN)

8 x SHARP MX-B468P Desktop Monochrome Printers: Robust Compact Design

Up to 46ppm
2.8in LCD Display
250 Sheet Drawer (Expandable add on's available)
100 Sheet Bypass
USB
1200 x1200
SRDM-Remote Device Manager
Post Script
Wireless (Optional add on) Call for pricing if needed

Service Program:

Program includes ALL Toner/Drums/Parts/Labor/Service Calls/Software & Firmware Updates/Calibrations/Loaners/**Performance Guarantee** and all Consumable Except Paper and Staples. Program is billed monthly in arrears for actual usage based on a cost per copy for monochrome and color. **Print Tracking** software is used for automatic print assessments of usage and supply volumes automatically generating billing per device and supply orders per device. (supplies ordered automatically are shipped next day at no charge) Image Tech also Offers a custom customer portal. Our portal allows you to communicate with our office without picking up a phone 24/7: you can pay your bills, place a service call or ask questions.

Proposed Solution for Desktop MFP's for the Clerk and Township Manger (B&W Option)

Sharp MXB427W x 2 units
42ppm
50pg document feeder
250 sheet paper drawer
100sheet bypass
Post script
Network Color Scanning/Printing/Faxing

Service Program:

Program includes ALL Toner/Drums/Parts/Labor/Service Calls/Software & Firmware Updates/Calibrations/Loaners/**Performance Guarantee** and all Consumable Except Paper and Staples. Program is billed monthly in arrears for actual usage based on a cost per copy for monochrome and color. **Print Tracking** software is used for automatic print assessments of usage and supply volumes automatically generating billing per device and supply orders per device. (supplies ordered automatically are shipped next day at no charge) Image Tech also Offers a custom customer portal. Our portal allows you to communicate with our office without picking up a phone 24/7: you can pay your bills, place a service call or ask questions.

Performance Guarantee: If at anytime while under our service program a system becomes unfixable or is down an unacceptable amount of time Image Tech will provide a loaner unit while the system in error is brought in house for evaluation and repair. If at that time the unit is deemed unfixable, we will replace the unit with a like or better system.

Cost Per Copy

MFP's: Black & White: $0.0069 Color: $0.045
MXB468P Printers: $0.013
MXB427W MFP: $0.029
HPM506DN/HPLJ4250: $0.016999

Image will also place your 3 HP printers on site under a service program (HP Models: LJ4250/ 2 x M506dn) : We will place them under a cost per copy program just like you have currently at $0.016999 per copy. Includes Toner/Drums/Parts/Labor/Loaner and consumables .

Managing Service Calls:

Service organization Background & Qualifications

*The average tenure of Image Tech service techs is over 18+ years/Industry experience
*All techs are FACTORY TRAINED & GOLD Certified with Sharp Electronics USA
*Technicians have also earned A+, Square 9, PaperCut, eGoldfax, Lexmark, Epson, Brother, Kyocera & FMAudit Certifications

Call History Management of each Device

Each device will be integrated with print tracking software. Tracking call history, toner levels and components yields alerting us " when" to replace it, service codes failures between calls, etc.

Logging

Service calls can be accomplished by a traditional local phone call referencing your ID number, or with your credentials, log into our (your) customer portal. * Place calls, order supplies, review service history and pay bills (24/7) Once your call is logged, the tech will receive it via their mobile device on a an app called " Remote-Tech" The tech then prioritizes the call and its completed per your requirements.

Level of Service Specifications

Each tech is benchmarked and evaluated on: Response time, Drive time, Onsite time, Recall%, PM%, CBC's (Copies between calls) parts usage and Total call effectiveness.

Average Support Call Response Time:

Over the last 14 months our average response time is 3.2 hours.

Location of Local office and Support Dispatch Office

Being " locally owned & operated" EVERYTHING you interface with our company is handled from our Wixom office, Parts, Supplies and Invoicing. We have offices in Oscoda, Traverse City and Mt. Pleasant to service our northern Michigan customers.

Plan of Action Upon Being Awarded the Opportunity

If awarded the business opportunity with Genoa Township Image Tech will work inside the time frame expectations given by your office to deliver, install, network and set up training for each department on all equipment. Image Tech will work with the IT department at Genoa Township to download drivers and can provide them in advance if needed. Training can be done at a scheduled time for each department and is not limited to that scheduled event. Genoa Township can request training anytime while under a service program and is no additional charge for that service.

Xerox Removal Assistance Customer Loyalty Discount

Cost reflects: Pickup/Freight/HD clearing/Prep for return to Wholesaler per their instructions and Insurance.

$3500.00 : Customer Loyalty Discount $1,575.00: Price due: $1,925.00

Purchase Price:

- Includes Delivery/Installation/Supply set up/Networking Assistance/Training

  $33,578.85 Total including removal assistance - $35,503.85

- **Optional Virus Detection Kit Powered by Bitdefender:**

  $275.00 per device-Includes installation

To upgrade primary mail room copier to comparable speed from Toshiba Quote would increase costs by $5615.00 for a total cost of $41,118.85

Thank you for the opportunity to earn your business.

Michael Day
734.883.2732
mike@imagetech.com

SHARP

SHARP®

ADVANCED SERIES COLOR DOCUMENT SYSTEMS

simply smarter

BP-70C31
BP-70C36
BP-70C45

The New Color Advanced Series from Sharp.

Taking organizations to the future of business communication by helping them work simply smarter.

Designed to fit today's diverse workstyles, the new Advanced Series color document systems enable workers to collaborate and share information seamlessly and securely throughout their office environment. Enhanced cloud services such as Microsoft Teams makes it easy to streamline communication and boost productivity with hybrid workers.

Easy-to-use Touchscreen

The easy-to-use Sharp touchscreen display is built on an award-winning design and delivers an accurate, responsive user experience, imperative for today's sophisticated workflows.

Technology Focused on Efficiency

The Advanced Series leverages the latest technology to help users get their work done with ease and efficiency. Innovative features like multi-feed scan detection and enhanced auto skew correction ensure jobs come out right the first time, every time.

Versatile Application Integration

Maximize productivity and collaboration with easy access to expanded cloud services, quickly connect with mobile devices to print and scan files, even utilize touchless operation with the Sharp Synappx Go app.

Leading Security

In today's hybrid working environments its vital to protect endpoint devices from security threats, that is why the Advanced Series uses the latest security technology to help ensure your data remains safe.

Flexible Sleek Design

Elegant cabinet design with easy-roll casters, soft-close paper drawers and contemporary color scheme make the Advanced Series a perfect fit for any office environment.

Smart features that enhance productivity and efficiency.

Streamlined workflows that are safe, secure and fit today's diverse work styles.

Work more efficiently

Collaborate better with colleagues

Secure your document workflows

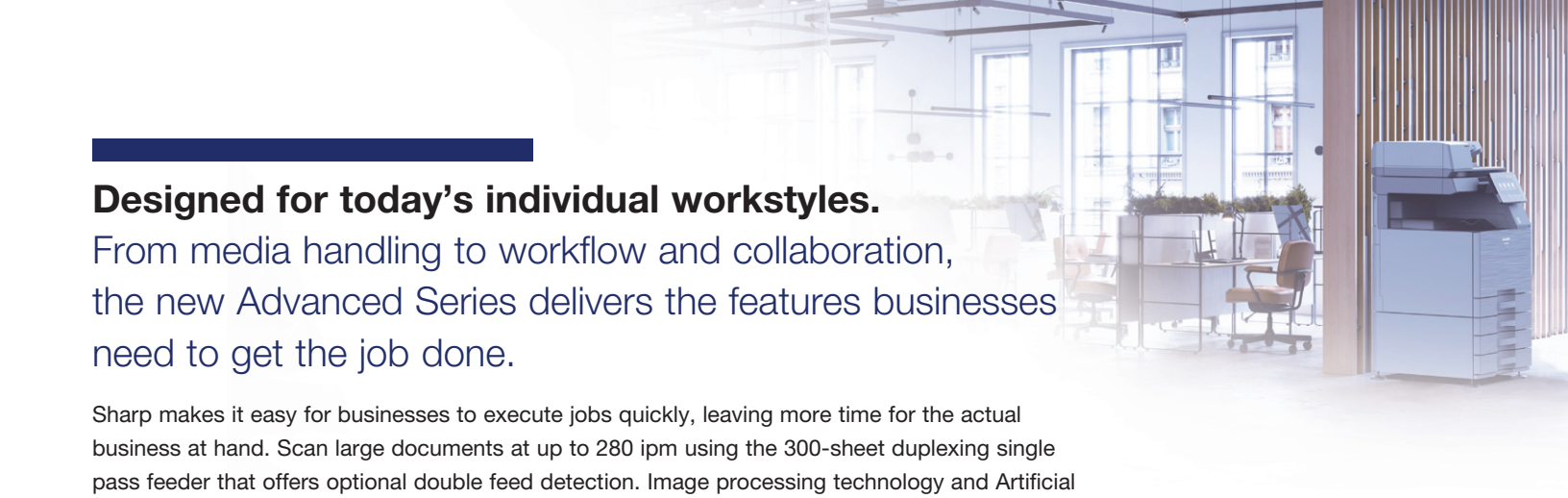
10.1" (diagonally measured) customizable touchscreen display.

BP-70C45 shown with Inner Folding Unit, Right Side Exit Tray and 2-drawer Paper Deck.

Built-in retractable keyboard for convenient data entry.

- **300-sheet duplexing** single-pass feeder offers double feed detection and scans up to 280 images per minute.
- Flexible paper handling supports **media up to 300 gsm**, allowing users to print on a wide variety of paper stock or media.
- New Inner Folding Unit option offers a **variety of fold patterns**, including tri-fold, z-fold and others.
- **Smart controller design** ensures MFP firmware is up to date by periodically checking for updates.
- Built-in **walk-up motion sensor** automatically detects approaching users immediately wakes the machine, making it ready for use within seconds.
- **Energy Star 3.0 certified** and offers among the lowest standby power consumption in the category.
- Built-in **retractable keyboard** simplifies email address and subject line entries.
- **Enhanced touchscreen** delivers an accurate, responsive user experience and provides easy access to features.
- Collaborate with hybrid workers using **popular cloud services**, such as Microsoft Teams, Google Drive™, Dropbox and others.
- Strong, **multi-layered security** such as system integrity check at startup, firmware attack prevention and optional Bitdefender® antivirus to help protect your data.*
- Supports native **Universal Print from Microsoft**, enabling businesses to easily adapt to this popular cloud service.
- Wireless LAN supports 5 GHz Wi-Fi for stable, **high-speed network communication**.
- **Sharp OSA® Technology** provides a secure and intuitive user experience for integrated workflows.

**Bitdefender antivirus option available summer 2022.*



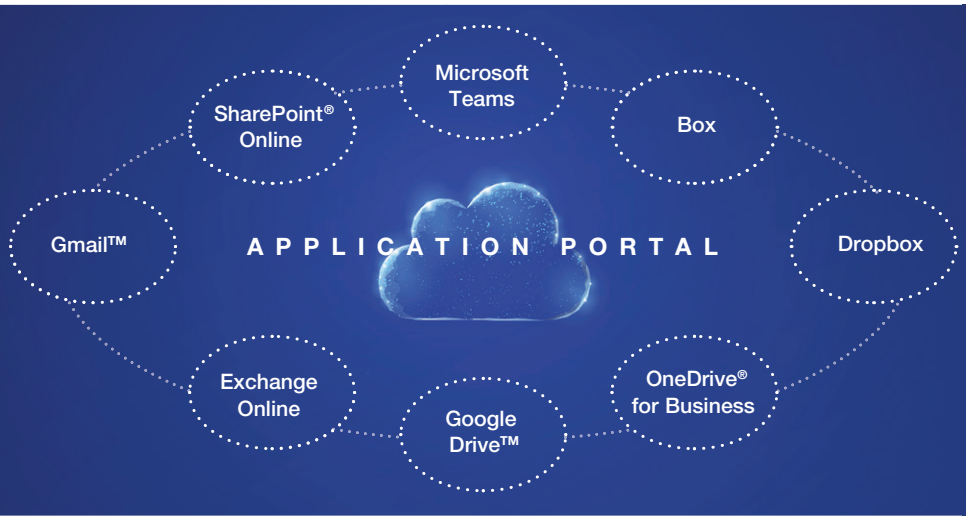
Designed for today's individual workstyles.

From media handling to workflow and collaboration, the new Advanced Series delivers the features businesses need to get the job done.

Sharp makes it easy for businesses to execute jobs quickly, leaving more time for the actual business at hand. Scan large documents at up to 280 ipm using the 300-sheet duplexing single pass feeder that offers optional double feed detection. Image processing technology and Artificial Intelligence (AI) can automatically adjust resolution, compression as well as detect original size and adjust for skewed documents when scanning. The award-winning, tablet style touchscreen delivers an accurate, responsive experience, while menu-driven Easy Modes offer fast, simple operation enabling users to get their copying and scanning tasks done in less time.

Print and Share Documents Easily

Seamlessly collaborate with colleagues even when they are working remotely. With **Cloud Connect**, businesses gain access to popular cloud services including Microsoft Teams, Google Drive, and others. The Sharp Application Portal, makes it easy for administrators to add new apps and update existing apps right from the MFP touchscreen.



Integrate with Email Applications

In addition to native capability, the **Email Connect** feature enables seamless scan-to-email integration with Microsoft Exchange/365 and Gmail™ user accounts, making it easy to identify the sender of scanned files.

Intelligent Image Processing

Scan documents to popular file formats including Microsoft Word, PowerPoint and Excel, as well as Searchable PDF, Encrypted PDF and others. Direct Print the same file types from thumb drives, cloud applications and mobile devices.* **Adobe Embedded Print Engine** direct prints PDF files with greater speed and rendering accuracy.

Flexible Printing Solutions

PCL 6 and Adobe PostScript 3 printing helps users speed through their work. The 256 GB solid state drive processes jobs quickly. **Serverless Print Release** enables users to print a job and release it from up to eight supported models. Native Universal Print from Microsoft eliminates the need for on-premises infrastructure, and enables IT to manage printers directly through a centralized portal.

**This function is enabled via Qualcomm DirectOffice technology.*

Smart · Connected · Secure

Integrating technology and functionality.

The New Color Advanced Series document systems provide unsurpassed performance that simply adapts to your business needs.

Duplexing Single Pass Feeder (DSPF)
300-sheet document feeder scans both sides of a document in a single pass and scans up to 280 images per minute.

Smart Scan
Image processing technology and AI can automatically adjust resolution, compression, as well as detect original size and adjust for skew.

Smart Touchscreen
Enhanced touchscreen is easy to use and delivers the responsiveness and accuracy users expect.

Walk-up Motion Sensor
Detects walk-up users and wakes the machine from sleep mode, making it ready for use within seconds.

Built-in Retractable Keyboard
Full-size QWERTY keyboard enables easy data entry.

Touchless Operation
Scan, Copy and Print Release with award-winning Synappx Go app.

Exceptional Image Quality
1,200 x 1,200 dpi resolution delivers razor-sharp text and graphics.

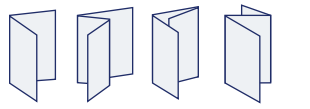
Advanced Multi-layer Security
Leading security features plus optional Bitdefender antivirus provide enhanced protection against network intrusions.[1]

Microsoft Friendly
Native integration with Universal Print and Microsoft Teams simplifies workflow and enhances collaboration.

Easy Access to Cloud Services
Print and scan documents to popular cloud applications.

Wireless Networking
5 GHz Wi-Fi technology and WPA3 encryption deliver fast, reliable data that helps provide strong protection from hackers.

Advanced Finishing
Sharp gives you a variety of high-performance finishers to choose from to help complete the job on time. New inner folding unit option offers four popular folding patterns.



Sharp Color Consistency System
Advanced auto-calibration helps ensure color output is always at peak performance.

Flexible Paper Handling
Feed up to 300 gsm media through the paper drawers and supports up to 12" x 18" output size.

Large Capacity Cassette
Available large capacity cassette offers an additional 3,000-sheet capacity for a maximum on-line paper capacity of 6,300 sheets.

**Bitdefender antivirus option available summer 2022.*

Collaborate on-the-go with quick access to mobile devices.

The Advanced Series makes it easy to share data with tablets and smartphones even in busy office environments.

Print with Popular Mobile Technologies

The Advanced Series supports printing using popular mobile technologies such as Apple AirPrint®, and Android printing with the Sharp Print Service plug-in.

Advanced Wireless Networking

Print directly to the MFP from mobile devices without interfering with the network! Easily connect with Wi-Fi Direct. 5 GHz technology and WPA3 Encryption deliver fast, reliable data that is well protected from hackers.

Touchless Operation with Synappx Go

With the Synappx Go app, its easy to email or copy documents remotely. Simply tap the touchscreen with your smartphone. Get extended remote features such as print release, scan/print from cloud services, and display collaboration by upgrading to a subscription version.

Scan and Print with Sharpdesk Mobile

With Sharpdesk Mobile, a free downloadable app for most mobile devices, users can quickly scan and print files from tablets and smartphones.[1]

Centralized device management helps ensure optimal uptime.

Seamlessy connect technology and drive collaboration with easy access solutions.

Seamless Device Management

On premises, Sharp Remote Device Manager (SRDM) simplifies device monitoring and management. Event-driven alerts help maximize uptime. SRDM also offers centrally managed security settings, pre-configured driver distribution, energy save settings and more. SRDM is available as a free download.[1]

Unified Cloud-based Monitoring and Management

Synappx Manage cloud service enables IT administrators and service providers to remotely manage Sharp MFPs and displays from a single portal.[2] Proactive monitoring and remediation helps minimize administrator burden, as well as provide insight for optimized investments.

[1] *Go to www.sharpusa.com for a list of supported equipment and operating systems.*

[2] *Synappx Manage available summer 2022.*

Multi-layer security features to help businesses stay a step ahead of hackers.

The new Advanced Series utilizes leading security technology to help organizations protect their data and meet regulatory requirements.

BIOS Integrity Check at Startup
Helps protect system files from malware attacks.

Trusted Platform Module (TPM 2.0)
Provides an added layer of protection to safeguard your data.

Firmware Attack Prevention
Checks for abnormal firmware at startup and can restore the original.

End-of-Lease Data Erase
Can protect privacy by deleting all data and personal information at trade-in time.

Application Whitelisting
Prevents unauthorized files and applications from being loaded.

TLS 1.3 Encryption
Prevents eavesdropping while data is in transit.

Real-time Intrusion Detection
Detects abnormal connection requests and denies access.

Optional Bitdefender Antivirus*
Provides comprehensive protection from virus threats.

- **Active Directory (AD) Integration** Enables the MFP to join the network domain as a computer, making it a trusted device.
- **Supports AD Group Policy** Allows administrators to centrally manage select security settings and enforce their own policy.
- **256-bit AES Encryption** Ensures data that resides on the local drive is protected.
- **Protects Access to the Device** IP/MAC address filtering, 802.1x authentication and port control protect access to the device.
- **Protects Data in Transit** IPsec and SMB 3.1.1 protocols, as well as TLS 1.3 use data encryption to protect data.
- **WPA3 Wi-Fi Encryption** Supports the latest data encryption standard for wireless networking security.
- **Authority Groups** Enables administrators to define various groups for different users, which can limit or restrict access to specific features.
- **Optional Data Security Kit** Offers expanded security functions and restricted access features for highly sensitive environments.

**Bitdefender antivirus option available summer 2022.*

Environmental Commitment

Sharp is committed to environmental sustainability and corporate responsibility.

A Responsible Approach to Design

Sharp MFPs adhere to the Sharp Corporation Green Products Guidelines, which requires designing products that consume less power, use recycled materials and reduce materials used in packaging.

Toner Recycling Program

Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers and encourages them to recycle their Sharp toner cartridges by providing them with a pre-paid recycling kit for return to our facility.

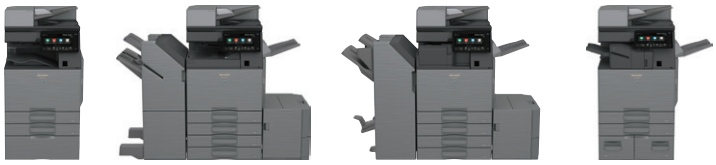
Environmental Commitment

The Sharp Advanced Series models are ENERGY STAR® 3.0 qualified and RoHS compliant. These products also have one of the lowest TEC values in their category as well as one of the lowest stand-by power consumption ratings. Sharp MFPs are EPEAT® registered.

For more information about Sharp environmental leadership including information about energy efficient products, electronics, or toner cartridge recycling, please visit **www.sharpusa.com/environment**.

The New Color Advanced Series. Simply Smarter.

Designed to fit todays hybrid workstyles, offering intelligent features and connectivity that enable office workers to collaborate with colleagues seamlessly and securely even when they are working remotely. To learn more, visit www.sharpusa.com.



SHARP®

SHARP ELECTRONICS CORPORATION
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1-800-BE-SHARP • www.sharpusa.com

Design and specifications subject to change without notice.

OSA® Sharp Open Systems Architecture · SHARP™ · SYNAPPX · AirPrint · Qualcomm® DirectOffice™ · epeat GOLD · ENERGY STAR

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SHARP®

ADVANCED SERIES MONOCHROME DOCUMENT SYSTEMS

simply smarter

BP-70M55

BP-70M65

The New Monochrome Advanced Series from Sharp.

Taking organizations to the future of business communication by helping them work simply smarter.

Designed to fit today's diverse workstyles, the new Advanced Series monochrome document systems enable workers to collaborate and share information seamlessly and securely throughout their office environment. Enhanced cloud services such as Microsoft Teams makes it easy to streamline communication and boost productivity with hybrid workers.

Easy-to-use Touchscreen

The easy-to-use Sharp touchscreen display is built on an award-winning design and delivers an accurate, responsive user experience, imperative for today's sophisticated workflows.

Technology Focused on Efficiency

The Advanced Series leverages the latest technology to help users get their work done with ease and efficiency. Innovative features like multi-feed scan detection and enhanced auto skew correction ensure jobs come out right the first time, every time.

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Maximize productivity and collaboration with easy access to expanded cloud services, quickly connect with mobile devices to print and scan files, even utilize touchless operation with the Sharp Synappx Go app.

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Collaborate better with colleagues

Secure your document workflows

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BP-70M65 shown with Inner Folding Unit, Right Side Exit Tray and 2-drawer Paper Deck.

Built-in retractable keyboard for convenient data entry.

- **300-sheet duplexing** single-pass feeder offers double feed detection and scans up to 280 images per minute.
- Flexible paper handling supports **media up to 300 gsm**, allowing users to print on a wide variety of paper stock or media.
- New Inner Folding Unit option offers a **variety of fold patterns**, including tri-fold, z-fold and others.
- **Smart controller design** ensures MFP firmware is up to date by periodically checking for updates.
- Built-in **walk-up motion sensor** automatically detects approaching users immediately wakes the machine, making it ready for use within seconds.
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- Built-in **retractable keyboard** simplifies email address and subject line entries.
- **Enhanced touchscreen** delivers an accurate, responsive user experience and provides easy access to features.
- Collaborate with hybrid workers using **popular cloud services**, such as Microsoft Teams, Google Drive™, Dropbox and others.
- Strong, **multi-layered security** such as system integrity check at startup, firmware attack prevention and optional Bitdefender antivirus to help protect your data.
- Supports native **Universal Print from Microsoft**, enabling businesses to easily adapt to this popular cloud service.
- Wireless LAN supports 5 GHz Wi-Fi for stable, **high-speed network communication**.
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Designed for today's individual workstyles.

From media handling to workflow and collaboration, the new Advanced Series delivers the features businesses need to get the job done.

Sharp makes it easy for businesses to execute jobs quickly, leaving more time for the actual business at hand. Scan large documents at up to 280 ipm using the 300-sheet duplexing single pass feeder that offers optional double feed detection. Image processing technology and Artificial Intelligence (AI) can automatically adjust resolution, compression as well as detect original size and adjust for skewed documents when scanning. The award-winning, tablet style touchscreen delivers an accurate, responsive experience, while menu-driven Easy Modes offer fast, simple operation enabling users to get their copying and scanning tasks done in less time.

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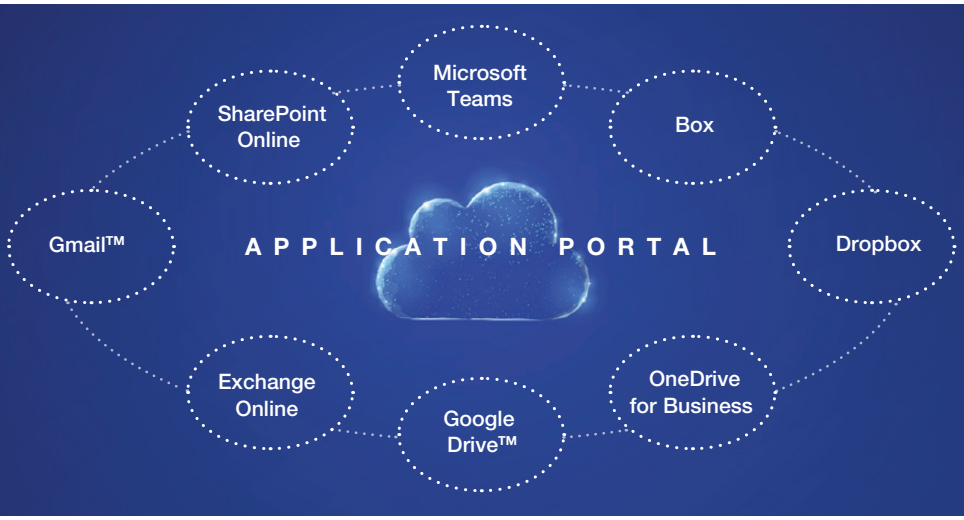

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Smart Touchscreen
Enhanced touchscreen is easy to use and delivers the responsiveness and accuracy users expect.

Walk-up Motion Sensor
Detects walk-up users and wakes the machine from sleep mode, making it ready for use within seconds.

Built-in Retractable Keyboard
Full-size QWERTY keyboard enables easy data entry.

Touchless Operation
Scan, Copy and Print Release with award-winning Synappx Go app.

Exceptional Image Quality
1,200 x 1,200 dpi resolution delivers razor-sharp text and graphics.

Advanced Multi-layer Security
Leading security features plus optional Bitdefender antivirus provide enhanced protection against network intrusions.

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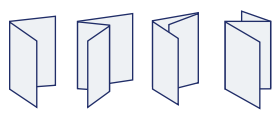


Flexible Paper Handling
Feed up to 300 gsm media through the paper drawers and supports up to 12" x 18" output size.

Large Capacity Cassette
Available large capacity cassette offers an additional 3,000-sheet capacity for a maximum on-line paper capacity of 6,300 sheets.

Collaborate on-the-go with quick access to mobile devices.

The Advanced Series makes it easy to share data with tablets and smartphones even in busy office environments.

Print with Popular Mobile Technologies

The Advanced Series supports printing using popular mobile technologies such as Apple AirPrint, and Android printing with the Sharp Print Service plug-in.

Advanced Wireless Networking

Print directly to the MFP from mobile devices without interfering with the corporate network! 5 GHz technology and WPA3 encryption deliver fast, reliable data that is well protected from malicious intruders.

Touchless Operation with Synappx Go

With the Synappx Go app, its easy to email or copy documents remotely. Simply tap the touchscreen with your smartphone. Get extended remote features such as print release, scan/print from cloud services, and display collaboration by upgrading to a subscription version.

Scan and Print with Sharpdesk Mobile

With Sharpdesk Mobile, a free downloadable app for most mobile devices, users can quickly scan and print files from tablets and smartphones.[1]

Centralized device management helps ensure optimal uptime.

Seamlessy connect technology and drive collaboration with easy access solutions.

Seamless Device Management

On premises, Sharp Remote Device Manager (SRDM) simplifies device monitoring and management. Event-driven alerts help maximize uptime. SRDM also offers centrally managed security settings, pre-configured driver distribution, energy save settings and more. SRDM is available as a free download.[1]

Unified Cloud-based Monitoring and Management

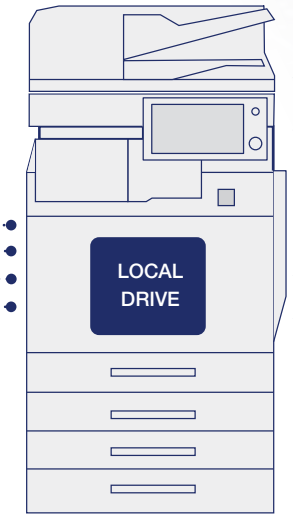
Synappx Manage cloud service enables IT administrators and service providers to remotely manage Sharp MFPs and displays from a single portal.[2] Proactive monitoring and remediation helps minimize administrator burden, as well as provide insight for optimized investments.

[1] *Go to www.sharpusa.com for a list of supported equipment and operating systems.*

[2] *Synappx Manage available early 2023.*

Multi-layer security features to help businesses stay a step ahead of hackers.

The new Advanced Series utilizes leading security technology to help organizations protect their data and meet regulatory requirements.



BIOS Integrity Check at Startup
Helps protect system files from malware attacks.

Trusted Platform Module (TPM 2.0)
Provides an added layer of protection to safeguard your data.

Firmware Attack Prevention
Checks for abnormal firmware at startup and can restore the original.

End-of-Lease Data Erase
Can protect privacy by deleting all data and personal information at trade-in time.

Application Whitelisting
Prevents unauthorized files and applications from being loaded.

TLS 1.3 Encryption
Prevents eavesdropping while data is in transit.

Real-time Intrusion Detection
Detects abnormal connection requests and denies access.

Optional Bitdefender Antivirus
Provides comprehensive protection from virus threats.

- **Active Directory (AD) Integration** Enables the MFP to join the network domain as a computer, making it a trusted device.
- **Supports AD Group Policy** Allows administrators to centrally manage select security settings and enforce their own policy.
- **256-bit AES Encryption** Ensures data that resides on the local drive is protected.
- **Protects Access to the Device** IP/MAC address filtering, 802.1x authentication and port control protect access to the device.
- **Protects Data in Transit** IPsec and SMB 3.1.1 protocols, as well as TLS 1.3 use data encryption to protect data.
- **WPA3 Wi-Fi Encryption** Supports the latest data encryption standard for wireless networking security.
- **Authority Groups** Enables administrators to define various groups for different users, which can limit or restrict access to specific features.
- **Optional Data Security Kit** Offers expanded security functions and restricted access features for highly sensitive environments.

Environmental Commitment

Sharp is committed to environmental sustainability and corporate responsibility.

A Responsible Approach to Design

Sharp MFPs adhere to the Sharp Corporation Green Products Guidelines, which requires designing products that consume less power, use recycled materials and reduce materials used in packaging.

Toner Recycling Program

Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers and encourages them to recycle their Sharp toner cartridges by providing them with a pre-paid recycling kit for return to our facility.

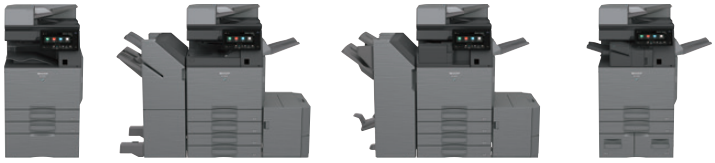
Environmental Commitment

The Sharp Advanced Series models are ENERGY STAR® 3.0 qualified and RoHS compliant. These products also have one of the lowest TEC values in their category as well as one of the lowest stand-by power consumption ratings. Sharp MFPs are EPEAT® registered.

For more information about Sharp environmental leadership including information about energy efficient products, electronics, or toner cartridge recycling, please visit **www.sharpusa.com/environment**.

The New Monochrome Advanced Series. Simply Smarter.

Designed to fit today's hybrid workstyles, offering intelligent features and connectivity that enable office workers to collaborate with colleagues seamlessly and securely even when they are working remotely. To learn more, visit www.sharpusa.com.



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SHARP®

DESKTOP MONOCHROME DOCUMENT SYSTEMS

MX-B427W

Sharp desktop monochrome document systems deliver leading-edge integration and powerful productivity, all in a small compact design.

A HIGHER BENCHMARK OF INNOVATION

peformance

The MX-B427W desktop monochrome document system delivers crisp, high-quality output with exceptional ease of use. This model provides customers with an intuitive user experience and the confidence of knowing their jobs will come out right the first time, every time. Designed with robust technology and energy efficient features, the compact MX-B427W delivers the productivity you need with the performance and reliability you want in your workplace or home office.

Key Features

- **Ease of Use** – 2.8" (diagonal) touchscreen display with user-friendly graphical interface provides quick access to a user guide, copy and scan settings and more.
- **Productivity** – Out-of-the-box copy, print, scan and fax capabilities and standard wireless connectivity enables users to easily manage their workflow from PCs, smartphones and tablets.
- **Workplace Friendly** – Integrates seamlessly with today's complex network environments and mobile technologies. Sharp utilizes system updates to provide feature enhancements and to ensure your machine remains compatible with current technology.

The compact MX-B427W desktop monochrome document system offers powerful productivity features enabling users to quickly execute workflow tasks, whether in the office, or working from home.

DESIGNED TO DELIVER CONVENIENCE

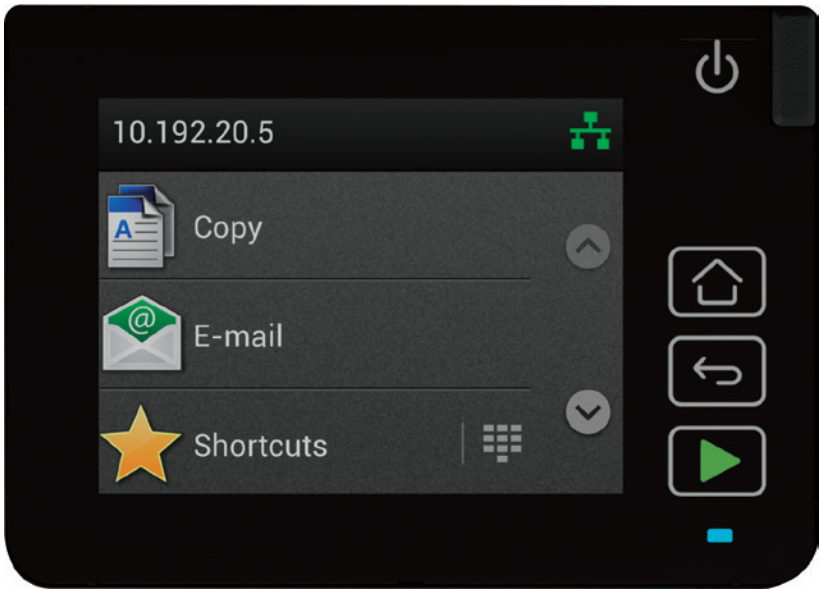
INTUITIVE INTERFACE

STANDARD WIRELESS NETWORKING

VERSATILE DESIGN

A reliable document system that meets tomorrow's business needs today.

- Standard **copy**, **print**, **scan** and **fax** capability right out-of-the-box.
- Productive printing speeds of up to **42 pages per minute.**
- **50-sheet** duplexing document feeder **scans at speeds up to 96 images per minute.**
- Supports **letter, statement and legal size paper** through the standard paper drawer or bypass tray.
- Offers up to **3 paper sources** with available 900-sheet maximum paper capacity.
- **600 x 600 dpi** printing delivers clear, crisp images and text page after page.
- **2.8" (diagonal) color touchscreen** display with user-friendly graphical interface.



- **Compact design** easily fits into small offices or home workspaces in desktop or console configurations.
- Convenient front-facing **USB** port for **easy direct printing** of PDF files from a USB drive without having to access a PC.
- Easily **copy** both sides of **ID**, **business or credit cards** onto one single page.
- **Supports popular mobile technologies**, enabling users to easily print files from smartphones, tablets and even notebook computers.
- Protect your intellectual property: **a wide range of security features** help to keep your information safe, whether it's in a document, on the device, or over your network.
- **Sharp Remote Device Manager (SRDM)** allows administrators to have centralized control of the device over the network in order to simplify installation and management.*

*Some SRDM features not available. Contact your Sharp representative for availability and details.

MX-B427W SPECIFICATIONS

Main Specifications	
MX-B427W	Base model includes 50-sheet DSPF, PCL® 6 and PostScript® 3™ compatible printing systems, network scanning, auto duplexing, 1 x 250-sheet paper drawer, 100-sheet bypass tray. Imaging kits and starter toner included.
Type	Desktop monochrome multifunction printer
Display	2.8" (diagonal) color dot matrix high-resolution touchscreen
Functions	Copy, print, network print, network scan and fax
Originals	Sheets and bound documents
Max. Original Size	8½" x 14"
Output Size	Min. 5½" x 8½", Max. 8½" x 14"
Copy Speed	42 ppm (8½" x 11")
First Copy Time (in seconds)[1]	Platen Glass: 5.9 Doc Feeder: 5.9
Magnification	25% to 400% in 1% increments
Original Feed	50-sheet DSPF
Scan Speed	Up to 96 ipm (Mono)/42 ipm (Color)
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 14", 2" x 3½" business card
Paper Capacity	Standard: 350 sheets/Maximum: 900 sheets
Paper Feed System[1]	Standard: 250-sheet paper drawer and 100-sheet bypass tray (letter/legal/statement size, envelopes through bypass only). Optional: 550-sheet paper drawer (letter/legal/statement).
Paper Weights and Types	Standard and optional paper drawers: Plain and heavy paper from 16-32 lb. bond. Other paper types include pre-printed, recycled, pre-punched, letterhead, color paper, paper labels. Bypass tray: 16 lb. to 58 lb. bond, cover, pre-printed, recycled, letterhead, color paper, paper labels, card stock, envelopes.
Duplexing	Standard automatic duplex copying and printing
CPU	1 GHz multi-processor design
Interface	RJ-45 Ethernet (10/100 Base-T), USB 2.0: host, high speed port (front), wireless LAN (IEEE 802.11 a/ac/b/g/n)
Memory	Standard: 512 MB
Copy Resolution	Up to 600 x 600 dpi
Copy Features	Collating copies, copy shortcut, duplex copy, paper save functions (N-Up), 2 up portrait or landscape, 4 up portrait or landscape, scale (reduce/enlarge) function, maximum number of copies 9,999, long edge binding, short edge binding.
Account Control	Supports user authentication via user-number
Output Tray Capacity	Center Exit Tray (Main): 150 sheets plain paper/10 envelopes
Cloud Supported Services	Google Drive, OneDrive for Business, SharePoint Online, Dropbox and Box.
Network Protocols	TCP/IP (IPv4, IPv6, TCP X, UDP X, IPSEC w/ IPv4 X, IPSEC w/ IPv6 X, ICMP X, IGMP X, 802.1x)
Network and Data Security	Includes IP address filtering, protocol filtering, port control, TLS Encryption, Kerberos
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N

Main Specifications *(continued)*	
Device Setup	Web-based management/cloning with user/administrator level login
Service/Functions	Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Touch front panel, swipe navigation, key pad operation, AT compatible print and scan drivers, AT compatible embedded web server page, accessible user guides, magnification, tactile volume control, raised operator panel keys, quick copy, display brightness control, control panel key repeat adjustable.
Environmental Standards	International ENERGY STAR Program Ver. 3.0, European RoHS, Blue Angel (RAL-UZ205)
Power	110-127V AC, 50-60 HZ, 12 A receptacle
Power Consumption	0.54 kW
Weight	Approx. 28.2 lbs.
Dimensions	Approx. 16.2" (w) x 14.4" (d) x 13.3" (h)

Network Printing System	
PDL	Standard PCL 6 and PostScript 3 compatible
Resolution	600 x 600 dpi
Print Speed	42 ppm (8½" x 11")
Print Drivers	Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows 7, Windows 8.1, Windows 10, MAC OSX® (including 10.10 to 10.15), all MAC PPD, Linux® PPD, Universal Print (requires Microsoft connector)
Mobile Printing	AirPrint, Android printing framework, Wi-fi direct print
Print Features	Auto configuration, bar code font printing, confidential print, custom image registration, different cover page/ last page/other page, document filing, duplex printing, electronic sorting, form overlay, image rotation, image type, job retention, layout print, N-up printing, pamphlet style, proof print, stapling, toner save mode, tray status, user authentication, watermarks, zoom print.
Direct Printing	File Types: JPEG, TIFF, GIF, BMP, PNG, PCX, PDF. Methods: FTP, Web page and USB memory
Resident Fonts	89 fonts (PCL), 158 fonts (PS)
Operating Systems and Environments	Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows 7, Windows 8.1, Windows 10, Citrix®, Linux
Printing Protocols	LPD, Raw TCP (port 9100), enhanced IP (port 9400), FTP, TFTP, IPP

Network Scanning System	
Scan Modes	Standard: color, monochrome and grayscale
Max. Original Size	8½" x 14"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 75 dpi

Network Scanning System *(continued)*	
Image Compression	Color Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low)
Image Formats	JPEG, PDF, PDF/A-1a/1b, XPS, TIFF
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Super G3 fax
Scanning Protocols	HTTP/HTTPS,FTP/FTPS, SMTP/SMTP/SMTP-SSL/ESMTP, POP3, LDAP, S/MIME
Software	Optional third party applications

Super G3 Facsimile Function	
Communication Line	Public Switched Telephone Network (PSTN) or Analog PABX (RJ-11)
Transmission Mode	Super G3, G3
Modem Speed	Maximum 33.6 KBPS with auto fallback
Compression	JBIG, JPEG, MMR, MR, MH
Scanning Method	Sheet fed or manual feed from platen glass
Transmit Resolution	600 x 600 dpi (ultra-fine), 300 x 300 dpi (super-fine), 200 x 200 dpi (fine), 200 x 100 (standard)
Transmit Speed	Approx. 3 seconds per page in Super G3 mode
Auto Dialing	Up to 400 destinations (combined)
Group Dialing	Up to 400 groups
Inbound Fax Routing	To email address, FTP or SMB using Transmit Terminal Identification (TTI), also Document Administration function can send blind copy of transmissions and receptions to an administrator email address, FTP or SMB location.
Max. Original Length	Up to 14"
Memory	6 MB
Features	Transaction Reports, Activity Reports, PC Fax, Quick On-line Transmission, Inbound Fax Routing, Anti-junk Fax Reception, Fax Release, Out-of-Paper Memory Reception, Auto Redial, Auto Exposure, Group Dialing, Duplex Reception, Fax Forwarding, Color Page and Color Fax.

Optional Equipment	
MX-CS26	550-sheet Paper Feed Unit

Supplies	
MX-B42T	Black Toner Cartridge
MX-B42DU	Black Imaging Kit

[1] May vary depending on product configuration, machine settings and operating and/or environmental conditions.

[2] Some features require optional equipment. See your local dealer.

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SHARP

MX-B468P

MONOCHROME PRINTER

Space Saving Solution with Reliable Performance

Designed to fulfill the needs of today's diverse work styles.

The MX-B468P monochrome printer delivers crisp, high-quality output with exceptional ease of use. This compact printer provides customers with an intuitive user experience and the confidence of knowing their jobs will come out right the first time, every time. Equipped with robust technology and economical features that reduce energy consumption both while in use and during sleep mode, the MX-B468P is the perfect size solution for the workplace or home office.

Ease of Use Quick set up with one-step installation process and 2.8" (diagonal) LCD display with simple operation keys to control print, power and network settings.

Productivity Produces high quality, professional output at up to 46 pages per minute, plus optional wireless connectivity enables easy access from mobile devices such as notebook computers, tablets and smartphones.

Hybrid Workplace Compact design with flexible paper handling allows printing on a wide variety of paper through the main paper drawer and by-pass tray.

Standard desktop configuration shown.

Easy-to-use 2.8" (diagonal) LCD panel.

Front facing bypass tray for specialty media and USB port for easy direct printing from memory devices.

A compact design with advanced workflow features for virtually any size office or home.

- Productive printing speeds of up to **46 pages per minute**.
- Offers up to **five paper sources** with available 2,000-sheet maximum paper capacity.
- **100-sheet bypass** tray for envelopes, heavy paper and specialty media.
- Supports **letter and legal size paper** through the standard paper drawer and bypass tray.
- Supports **popular mobile technologies**, enabling users to easily print files from smartphones, tablets and notebook computers.
- Standard automatic **two-sided** printing.
- **2.8" (diagonal) color LCD panel** with keypad for easy configuration of printer settings.
- Direct printing of **TIFF, JPEG, PDF,** or **XPS** files without using the printer driver.
- **1,200 x 1,200** dpi printing delivers clear, crisp images and text page after page.
- **Compact design** easily fits into small spaces in desktop or console configurations.
- **Sharp Remote Device Manager** (SRDM) allows administrators to have centralized control of their networked printers in order to simplify installation and management.
- **Trusted Platform Module** (option) delivers authentication, system integrity checks, and encryption capabilities.

SPECIFICATIONS MX-B468P

Main Specifications	
MX-B468P	Base model includes auto duplexing, PCL® 6 and PostScript® 3™ compatible printing systems, 1 x 250-sheet paper drawer, 100-sheet bypass tray. Starter toner and imaging kit included.
Type	Desktop monochrome printer
Display	2.8" (diagonal) color LCD panel
Output Size	Min. 3" x 5", Max. 8½" x 14"
Print Speed	46 ppm
First Print Time (in seconds)*	6.0
Paper Capacity	Standard: 350 sheets/Maximum: 2,000 sheets
Paper Feed System	Standard: 250-sheet paper drawer and 100-sheet bypass tray (letter/legal/statement size, envelopes through bypass only). Optional: 3 x 550 or 3 x 250-sheet paper drawer (letter/legal/statement).
Paper Weights and Types	Standard and optional paper drawers: Plain and heavy paper from 16-32 lb. bond. Other paper types include pre-printed, recycled, pre-punched, letterhead, color paper, paper labels, transparencies. Bypass tray: 16 lb. bond to 58 lb. cover, pre-printed, recycled, letterhead, color paper, paper labels, transparencies, card stock, envelopes.
Duplexing	Standard automatic duplex printing
CPU	1 GHz
Interface*	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0: host, high speed port (rear), wireless LAN optional (802.11 a/ac/b/g/n)
Printer Memory	512 MB
Account Control	Supports user-number authentication
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)
Device Setup	Web-based management/cloning with user/administrator level login
Service/Functions	Remote access to service logs and click counts
Accessibility Features	Section 508 compatible print drivers, compatible embedded web server page, raised operation panel keys, accessible user guides, embedded web server page.
Environmental Standards	ENERGY STAR Program Ver. 3.0, European RoHS, Blue Angel

Main Specifications *(continued)*	
Power	100-127V AC, 50 to 60 Hz
Output Tray Capacity	Exit Tray (Main): 150 sheets
Power Consumption	1.8 kWh
Weight	Approx. 29.8 lbs.
Dimensions	Approx. 15.7" (w) x 15.3" (d) x 10.2" (h)
PDL	Standard PCL 6, PostScript 3 compatible
Resolution	1,200 x 1,200 dpi
Print Drivers	Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows 8.1, Windows 10, Windows 11, Mac OS 10.15, 11, 12, Linux
Features	Duplex printing, driver delivery functions, toner save mode, electronic sorting, fit-to-page mode
Direct Printing File Types	TIFF, JPEG, PDF, GIF, BMP, PNG, PCX, XPS. Methods: FTP, SMB and Email
Direct Print Methods	FTP and web page
Resident Fonts	94 outline fonts (PCL), 163 fonts (PS)
Network Interface*	RJ-45 Ethernet, 10/100 Base-TX, USB 2.0, wireless 10Base-T (optional), 100Base-T, 1000Base-T
Operating Systems	Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows 8.1, Windows 10, Windows 11, Mac OS 10.15, 11, 12, Linux
Network Protocols	TCP/IP (IPv4, IPv6, TCP X, UDP X, IPSEC w/ IPv4 X, IPSEC w/ IPv6 X, ICMP X, IGMP X)
Printing Protocols	LPR, IPP, Raw TCP (port 9100) and FTP
Network Security	Includes IP address filtering, data Security TLS encryption, Kerberos
Mobile Printing	Airprint®, Android printing framework, Wi-fi direct print

Optional Equipment	
MX-CS31	250-sheet Paper Feed Unit
MX-CS32	550-sheet Paper Feed Unit

Supplies	
MX-B47T	Black Toner Cartridge (31,000 impressions)
MX-B47DU	Black Imaging Kit (75,000 impressions)

* May vary depending on product configuration, machine settings and operating and/or environmental conditions.

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Printed in U.S.A. 6/23

Investment Schedule

PREPARED FOR

TOWNSHIP OF GENOA

December 18, 2024

Prepared by:
Jackie St.Germain
248-238-0817
jackie.stgermain@tbs.toshiba.com

TOSHIBA

TOSHIBA

December 20, 2024

Dear Adam,

Thank you for allowing us to bid on the copier multifunctional systems and printers. As I said, I have been in the technology, print, data security and automation space for 22 years, 15 years at Toshiba. My family has been living in Howell/Brighton for the past 27 years. I would love to partner with Genoa Township on this opportunity. I was in the enterprise account space for a long time. Now, I plan to stick closer to home and work with the townships, cities, religious organizations and businesses in Livingston County. I mention this because I would be your account manager and also train you on the systems. I will be close by to make the transition to new systems and a new company as seamless as possible.

The systems I suggested are comparable or better than what you currently have. They all won many awards for their ease of use, reliability, advance scanning solutions, and color and black copy quality. I tried to streamline so you have one main desktop printer model for the 10 desktop printers, one color Toshiba multifunctional copier model for the 4 color systems, and a high volume black Toshiba multifunctional copier model. I also upgraded your election printer you have issues with to a special ballot printer. Then, we will keep the HP 4250 you like and service, provide supplies and support that one as well. On all of your connected devices you will have auto toner replenishment and meter reads.

As we discussed, we have an award winning service team, and your main technician had the highest customer service ratings. You will be very pleased with our service response and fixing it right the first time, so they don't have to continuously return for the same issue. Toshiba serves over 50 counties/cities/townships/government entities in Michigan.

Please let me know if you have any questions. Again, thank you for this opportunity. I really do appreciate it.

Sincerely,

Jackie St.Germain
Toshiba
248-238-0817
Jackie.stgermain@tbs.toshiba.com

TOSHIBA

SERVICE

TOSHIBA

EMPOWERING THE ART OF BUSINESS®

At Toshiba, we are focused on helping businesses better control their productivity and profitability by delivering innovative imaging products and content solutions.

TOSHIBA AMERICA BUSINESS SOLUTIONS, INC. (TABS)
is an independent operating company of Toshiba Corporation, one of the largest integrated electronics and electrical equipment companies in the world with more than 140,000 employees globally and annual sales surpassing $37 billion. TABS is a leading managed print and content solutions provider with experts that help organizations print smarter, improve workflow and communicate better.

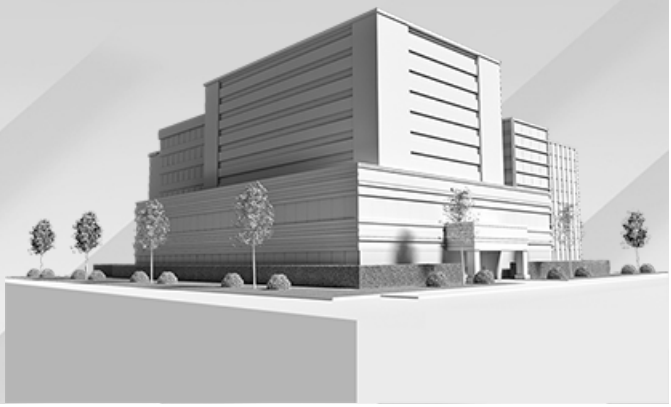
Our current and future commitment is to continue to improve and enhance the functionality and capabilities of our digital imaging products and content solutions. Toshiba invests more than 6% of its annual revenue to Research & Development, and deploys a network of R&D centers around the world. In an average year, Toshiba Corporation is awarded more than 5,000 patents, many of which find their way either directly or indirectly into our multifunction office solutions products.

OUR MISSION

As a technology company, we go way beyond printing. We are a creative and nimble organization that empowers our people to do whatever it takes to help our clients succeed.

OUR VISION

Empowering new and better ways to deliver ideas and information.



TOSHIBA

SERVICE GUIDE

Professional, accountable, respectful.

Backbone of the Business.

Getting it right the first time is the goal of our team of Toshiba Service Technicians.
These tenured professionals focus on creating the best customer experience for our clients, with minimal downtime.

Why Choose Toshiba

Employees are empowered to do what's right for the client

Team members are certified in Toshiba and partner devices

30% of all service issues are often solved remotely via Help Desk

With our courtesy call-ahead, clients know when to expect us

About Our Team

Toshiba service technicians are part of the communities they serve.
Here are some other interesting facts you may not know:

40%
of our employed field service team members are Veterans

15
years of experience is the average tenure of our technicians.

4.85
out of 5 is the average client satisfaction rating for Toshiba technicians.

Looking for a Toshiba Service Technician in your area?
Find an office near you.
business.toshiba.com

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Toshiba Service

Toshiba is recognized as a service leader, as evidenced by numerous industry awards and an outstanding performance record.

When a Toshiba system needs service, clients can rest assured our number one priority to is minimize any inconvenience and downtime. “Respond, Respect, Resolve” is our team mantra, from our client service centers located across the country to our factory-trained certified technicians. We have proven the effectiveness of our service model on thousands of contracts where we provide equipment services and fleet optimization. Toshiba has various levels of service to meet client needs, and with Toshiba’s Elevate Sky® MFPConnect tool, we can often detect and remotely fix an issue before clients even notice, reducing their burden and increasing uptime.

Toshiba service includes:

- Client service call centers with Toshiba Business Solutions (TBS) marketplaces to receive calls directly from clients and then dispatch service technician if site visits are required
- Local service teams within each TBS market
  - Technicians assigned to territories closest to their homes
  - Professionally trained teams with average tenure of 15 years
- Call-ahead notification from responding technician, so you’ll know when to expect us
- Local parts warehouses
  - Individual technician car stock on most popular replacement parts to ensure maximum uptime
  - Direct ship of needed parts to a technician’s home
- Preventative maintenance to identify potential problems and correct them before they occur, ensuring systems are always running at optimum levels
- Escalation management process that is clearly defined to resolve poor performance issues quickly, efficiently and to your complete satisfaction

TOSHIBA

encompass
PRINT AS A SERVICE

Managed Print as a Service (MPaaS)

In today's business climate, reducing and controlling costs is more important than ever. Many organizations overlook the cost of managing documents as an opportunity for savings.

Toshiba's Managed Print as a Service (MPaaS) is a true client-focused practice that incorporates everything from device management and maintenance of numerous brands to the supply of consumables. It addresses a commitment to decrease paper consumption and power use, while also eliminating waste.

Toshiba's MPaaS program provides outstanding service and keeps your operation running smoothly by including the following components:

- Automated toner replenishment
- High-quality toner and parts for your laser printers, regardless of brand
- National on-site service
- Convenient online portal for service requests and reporting
- Proactive service monitoring

We have saved companies up to 40% and streamlined their operations by:

- Immediately reducing printing costs – you pay one fixed cost-per-page price that includes toner, consumables, parts and service; you only pay for what you use
- Enhancing your investment in the equipment you already own
- Simplifying procurement, budgeting, delivery and service for your output fleet
- Increasing control by providing a single point of accountability for service, supplies and billing

Adopting Toshiba's MPaaS program offers many benefits. It has yielded clients millions of dollars in annual savings while boosting performance and productivity by managing document costs and document security.

PURCHASE AND SERVICE PRICING

TOSHIBA

INVESTMENT SCHEDULE

TOWNSHIP OF GENOA

Proposed Solution

- Toshiba DSDF Document Feeder holds up to 300 pages in the feeder.
- Advanced Color Quality
- Toshiba Advanced Scanning scans up to 240 images per minute & scans both sides of a document with a single passage. Toshiba scanning also allows you to omit blank page if you would like help to decrease file sizes.
- Toshiba Banner Printing helps to eliminate outsourcing and print up to 47.24 inches long, near full bleed high end color quality.
- Toshiba Response Time: Toshiba averages 1-2 hour remote help desk call & a 4 hour on-site average response time.
- ATM Technology
- Advanced Scanning

Model Details

- (1) Toshiba e-STUDIO9029AG
  - Included Features: 65-Sheet Multi-Staple Finisher
- (4) Toshiba e-STUDIO3525ACG
  - Included Features: DSDF Document Feeder, Large Capacity Feeder
- (10) Lexmark M3350
- (1) Brother HL-EX415DW

	A	B	C	D	E
1	**GENOA TOWNSHIP**	**CURRENT EQUIPMENT**	**ACCESSORIES**	**PURCHASE**	**RECOMMENDED SOLUTION**
2	**MAIN LOCATION**				
3	**5 MFPS, 11 PRINTER REPLACEMENT, SERVICE TAKEOVER 1 PRINTER**				
4	Large MFPS				
5	Mailroom	Xerox AltaLink B8055	2 universal, tandem LCF, Multi position Staple, NO FAX	REPLACE	Toshiba 9029AG
6	Assessing	Xerox AltaLink C8035	2 universal, tandem LCF, NO Staple, NO FAX	REPLACE	Toshiba e3525ACG
7	Utility	Xerox AltaLink C8035	2 universal, tandem LCF, NO Staple, NO FAX	REPLACE	Toshiba e3525ACG
8					
9	Printers				
10	Treasurer	HP LJ Enterprise M506		REPLACE-	Lexmark M3350
11	Asset	Xerox VersaLink B400	1 drawer, front bypass	REPLACE	Lexmark M3350
12	Kim	Xerox VersaLink B400	1 drawer, front bypass	REPLACE	Lexmark M3350
13	Lindsay	Xerox VersaLink B400	1 drawer, front bypass	REPLACE	Lexmark M3350
14	Election	HP LJ 4250	1 drawer, front bypass	KEEP AND SERVICE	HP LJ 4250
15	ELECTION -SPECIAL REQUIREMENTS	HP LJ Enterprise M506		REPLACE	Brother HL-EX415DWVS
16	Accounts Payable Check Printer	Xerox VersaLink B400	1 drawer, front bypass-lockable tray?	REPLACE	Lexmark M3350
17	Clerks	Xerox VersaLink B400	1 drawer, front bypass	REPLACE	Lexmark XM3350 MFP
18	Managers	Xerox VersaLink B400	1 drawer, front bypass	REPLACE	Lexmark XM3350 MFP
19	Planners	Xerox VersaLink B400	1 drawer, front bypass	REPLACE	Lexmark M3350
20	Zoning	Xerox VersaLink B400	1 drawer, front bypass	REPLACE	Lexmark M3350
21					
22	**SEWER PLANT**	Xerox VersaLink C7025 MFP		REPLACE	E3525ACG
23					
24	**WATER PLANT**	Xerox AltaLink C8035 MFP		REPLACE	E3525ACG
25					
26	**CAROL NORTH BRANCH HOME**	Xerox VersaLink B400		REPLACE	Lexmark M3350
27	she does utility billing				
28					
29	HAVE A KIP 860-NOT LOOKING TO REPLACE				
30			**PURCHASE PRICE**-DELIVERY-CONNECTIVITY-TRAINING-RETURN 12 XEROX TO BANK		**$39,089**
31			ON SITE SERVICE, PARTS, TONER, LABOR/ PER MONTH		**$610.00**
32			INCLUDES 22,000 BLACK AND 5,100 COLOR PER MONTH		Includes $25/mth freight
33			OVERAGES SEMI ANNUAL .012 PER BLACK, .0595 PER COLOR		**FIXED cost 3 years**
34					
35			OR		
36			**TELP/MUNI PURCHASE AGREEMENT-63 MONTHS**		**$779.00**
37			ON SITE SERVICE, PARTS, TONER, LABOR/ PER MONTH		**$610.00**
38			TOTAL MONTHLY COST, INCLUDING; SHIPPING, GAS, FREIGHT,		**$1,389.00**
39			PROPERTY TAX, TONER, ON SITE SERVICE, PARTS, LABOR		
40			INCLUDES 22,000 BLACK AND 5,100 COLOR PER MONTH		
41			OVERAGES SEMI ANNUAL .012 PER BLACK, .0595 PER COLOR		
42					
43			**KIP SERVICE-NEEDS INSPECTION FIRST**		
44			MONTHLY BASE		**$239.85**
45			Color .089 per linear square foot		
46			Black .039 per linear square foot		
47			This includes both BLACK and COLOR toner		
48			Currently you pay for color toner		

RECOMMENDED SYSTEMS

BROCHURES

COMPARISON

AWARDS

TOSHIBA

THE PERFORMANCE AND FEATURES TO SERVE THE BUSIEST DEPARTMENTS

Whether it's your marketing group or your centralized reprographics department, Toshiba's new e-STUDIO9029A has the features and performance to meet the needs. With 90PPM rich monochrome output and up to over 8,000 sheets on tap mean you can get the biggest jobs done quickly and easily.

The refillable dual scan document feeder, now with double feed detection holds 300 originals and scans at up to 240 duplex impressions per minute. Built-in OCR makes your PDFs searchable or easily converts your paper-based documents to popular Microsoft Office formats. The image quality, versatility and features will boost productivity to new levels.

FEATURES AT A GLANCE

- **Monochrome A3 MFP**
- **90PPM**
- **Dual Scan Document Feeder**
- **Integral Tandem LCF**
- **Copy, Print, Scan, Fax**

e-STUDIO9029A

POPULAR OPTIONS
65-Sheet Saddle Stitch Finisher
Wireless Connectivity
External LCF with Piggyback Option
Dual Line Fax

TOSHIBA

Monochrome MFP

e-STUDIO 6529A/7529A/9029A

Introducing a new generation of Toshiba MFPs – with high-performance, zero-trust security and cloud-ready features, these printers are the perfect choice for today's modern work environments.

- High-Speed – Up to 65, 75 & 90 PPM
- High-Volume
- Advanced Security Features
- Solutions Ready
- Environmentally Friendly

TOSHIBA

CLOUD-READY AND SECURE FOR TODAY'S DIGITAL WORKPLACE

Today's new hybrid work environment demands that information be available and accessible from anywhere at any time for organizations to be efficient and productive. Yet it needs to be secure. Introducing Toshiba's newest e-STUDIO™ departmental MFPs, specifically designed to meet this need. Providing the ultimate in productivity through speed, quality and consistency, these printers also deliver a zero-trust approach for the highest level of security and cloud-ready features built-in for anywhere accessibility.

AT TOSHIBA, PRODUCTIVITY IS A PRIORITY

Our new monochrome MFPs are faster and more productive, secure, and reliable than any other departmental models Toshiba has ever produced. With everything from a super-charged document feeder to greater maximum paper capacity to next-level finishing performance, these new models raise the bar on what an MFP can do for productivity in the modern workplace.

65, 75 & 90 PPM to serve the needs of busy departmental environments.

New High-Speed, High-Capacity Dual Scan Document Feeder (DSDF) with Double Feed Detection (DFD) for the most mission-critical scanning environments, providing up to 240 IPM duplex scan speeds.

High-Resolution for crisp image quality: up to 1,200 dpi x 1,200 dpi.

Universal Print provides support for the latest simplified driver set-up from Microsoft. Universal Print removes the hassle and expenses associated with maintaining print servers.

65-Sheet Stapling takes finishing to the next level and is available on both the regular and saddle stitch finisher, the latter capable of producing booklets up to 60-pages.

8,020-Sheet Maximum Paper Capacity thanks to an integral tandem LCF design along with multiple additional external paper options including a 2,500-sheet letter-size LCF and even a unique 2,000-sheet piggyback LCF for those really demanding environments

10.1" Tablet-Style Full Color Tilting Touch Screen Panel offers touch swipe User Interface (UI) featuring newly designed icons that provide access to the MFP's core functions and productivity-enhancing workflow solutions – all while offering a consistent and familiar user experience to the entire Office Collection.

Built-in OCR (Optical Character Recognition) allows you to quickly and easily scan paper documents to create searchable PDFs or editable document formats, such as Microsoft® Word®.

Voice Guidance Technology affirms your programming selections and is a great option for users with visual disabilities addressing Section 508 of the Rehabilitation Act, opening it up to a wider audience.

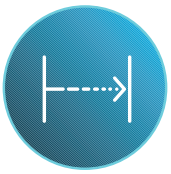
Soft Closing Drawers provide a luxurious feeling and better end user experience.

Environmentally Friendly is the Toshiba way: RoHS compliant, recycled plastics, Low-Power (1W) Super Sleep Mode, and our EcoSmart Recycling Program – as well as lower TEC values for more energy efficiency, earning them the newest EPA ENERGY STAR 3.1 rating.

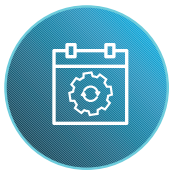
Higher Duty Cycles and Periodic Maintenance Intervals provide greater volume with fewer routine service calls so you can stay focused on productivity.

Optical Character Recognition

Voice Guidance


Soft Close Drawers

Environmentally Friendly


Fewer Routine Service Calls

SECURITY IS JOB NUMBER ONE

Security has never been a more critical consideration for any device in today's business landscape. MFPs have the extra burden of being shared by all users, and many if not all written documents pass through this device while being printed, scanned, faxed, or copied. That's why Toshiba strongly believes in zero-trust security principles while designing the applications and cloud services for MFPs. Instead of assuming that the applications and services running on MFPs behind the corporate firewall are safe, we ensure that access and communication is fully authenticated, authorized, and encrypted. We accomplish this by enhancing security using the following features:

Trusted Platform Module 2.0 features the latest version of hardware-based security that safeguards all data on the MFP using cryptographic keys.

Built-in Antimalware that's stronger than antivirus protects the MFP from Trojan horses, ransomware, spyware, rogue software, and more.

OAUTH2 Token-based Identity Management helps integrate cloud services with your existing identity management, therefore credentials are not replicated, and the chance of vulnerabilities is reduced.

Enhanced Data Encryption with TLS 1.3 keeps the communication between MFP and other applications fully secure thanks to the latest and most secure version of transport layer security.

New 128GB SSD provides the latest encryption and improved reliability.

512GB SSD option provides additional onboard document storage capacity.

FIPS 140-2 Validated HDD option enables these MFPs to meet the Hardcopy Device Protection Profile (HCD-PP) when the MFP is configured in High Security Mode.

e-STUDIO 6529A/7529A/9029A

HARNESS THE POWER OF THE CLOUD

With **Elevate Sky™** from Toshiba, you'll find cloud-based print solutions for the modern workforce, allowing workflows to seamlessly integrate your MFPs and documents with the cloud applications you're already using.

e-BRIDGE® Global Print allows you to fully embrace cloud technology. It simplifies and secures your print environment while providing the flexibility for users to print from anywhere – work, home office, or on the road.

Elevate Sky™ Services from Toshiba is a suite of cloud-based applications designed to better manage print and document environments by improving device uptime and visibility to fleet usage and performance.

Leveraging big data analytics and artificial intelligence, Elevate Sky™ Service can identify impending errors before they happen. In many cases, remote intervention can address the issue before affecting regular device operations.

Elevate Sky™ MFPConnect is an innovative and exclusive, cloud-based app that's ideal for remote fleet management, application and license deployment, and policy-based security management for your fleet.

Elevate Sky™ Remote Assist enables technicians, with the end-user's approval, to remotely access the MFP and perform diagnostics and adjustments potentially eliminating the need for what might otherwise be an onsite service call.

Elevate Sky™ Predict assists technicians by applying predictive analytics to anticipate an MFP's service needs thus improving uptime.

Elevate Sky™ AI uses machine learning models to predict parts failures within a Toshiba fleet, helping reduce service costs by optimizing technician dispatch.

Elevate Sky™ Manage allows IT administrators to remotely monitor fleet status, deploy licenses and applications to devices, and ensure that all Toshiba MFPs on the network have consistent and compliant security settings and policies.

Elevate Sky™ Reports monitors MFP usage patterns, generate, and schedule custom reports for their entire fleet to gain valuable insights into how MFPs are being utilized.

Toshiba's cloud-ready MFPs and our team of experts provide the solutions your business needs to improve workflows and print smarter. Utilizing the latest technological advancements and security standards, we provide end-to-end solutions to help you seamlessly and securely navigate today's digital workplace from consulting, cloud migration, fleet management, implementation, and technical support.

THE ULTIMATE IN PRODUCTIVITY

e-STUDIO™6529A/7529A/9029A

1. **Dual Scan Document Feeder** with Double Feed Detection – Scans up to 240 IPM; holds up to 300 originals (refillable)
2. **10.1" Tiltable Front Panel** makes programming jobs easier than ever – even for wheelchair users – and is Section 508 friendly
3. **Card Reader Pocket** provides increased security and enables controlled access to MFP
4. **65-Sheet Stapling Finishers** and an output capacity of up to 3,000 pages enable bigger jobs
5. **Saddle Stitch Finishing** enables up to 60-page booklets, and unique avalanche tray increases exit capacity
6. **Soft Closing Drawers** automatically pull drawer closed when initiated and provide a luxury experience
7. **Integral Tandem LCF** gives base unit 3,520 sheet supply while refillable design allows users to add paper while MFP is in use
8. **2,500-Sheet External LCF** boosts paper capacity to 6,020 sheets
9. **Unique Piggyback LCF** raises capacity to an amazing 8,020 sheets for the most demanding environments

e-STUDIO 6529A/7529A/9029A

MAIN SPECIFICATIONS

Copy Process	Indirect Electrostatic Photographic/OPC/Laser Printing/Heat Roller Fusing
Display	10.1" Color WSVGA Touch Screen Tilting Display
Copy Speed	65/75/90 PPM (LT)
First Copy Out	Monochrome: Less Than 5.2/4.5/4.1 Seconds
Warm-Up Time	From Powering On: Approx. 20/24/25 Seconds From Sleep: 15.4/15.4/Less Than 20 Seconds From Low Power: 15.4 Seconds
Copy Resolution	600 x 600 dpi
Stack Feed Bypass	3.9" x 5.8" to 13" x 19", 12" x 47" Banner, Envelope
Multiple Copying	Up to 999 Copies
Paper Capacity	Standard 3,520 Sheets/Max. 8,020 Sheets
Original Feed	300-Sheet DSDF with Double Feed Detection
Max. Original Size	LD/A3
Paper Feed Sizes	Drawers: 540 Sheets-ST-R to 12" x 18" Integral Tandem LCF: 1,160 x 2 LT Only Stack Feed Bypass: 120 Sheets-3.9" x 5.8" to 13" x 19", 12" x 47" Banner Opt. 2,500-Sheet External LCF LT Only Opt. 2,000-Sheet Piggyback External LCF LT Only
Paper Weights	Drawers: Standard 540 Sheets x 2-16lb Bond-110lb Cover Tandem LCF 1,160 Sheets x 2-16lb Bond-110lb Cover Stack Feed Bypass: 120 Sheets-16lb Bond-110lb Cover Opt. 2,500-Sheet External LCF LT Only-16lb Bond-110lb Cover Opt. 2,000-Sheet Piggyback External LCF LT Only-16lb Bond-110lb Cover
Duplex	Standard Automatic Duplex Unit (16lb Bond-140lb Index)
Reproduction Ratio	25% to 400%
Max Duty Cycle	Max. 590K/660K/740K Month
Weight	Approx.430lb
Approx. Dimensions	37.6" (W) x 27.5" (D) x 48.3" (H)
Toner Yield	106.6K @ 5%
Power Source	120 Volts, 50/60 Hz, 16 Amps
Power Consumption	Maximum 2.0kW/2.0kW/2.4kW (120V)
Plug Type	NEMA 5-20
Memory	6GB
Hard Disk Drive	128GB Solid State Drive (SSD)

e-BRIDGE NEXT PRINT SPECIFICATIONS

PDL	PCL5e, PCL5c, PCL6 (PCL XL), PS3, PDF, XPS, JPEG
Print Resolution	600 x 600 dpi, 1,200 x 1,200 dpi or 3,600 (Equivalence) x 1,200 dpi (with Smoothing) (PS3 Only)
Operating Systems	Windows® 8.1,10, 11, Windows Server® 2012/R2, Windows Server® 2016/19/22, Macintosh® (macOS X 10.10-15, 12), Unix®, Linux®
Network Protocols	TCP/IP (IPv4, IPv6), NetBIOS over TCP/IP, IPX/SPX® for Novell® Environments, EtherTalk for Macintosh Environments
Printing Protocols	SMB V1-3, LPR/LPD, IPP V1.2 w/Authentication (TLS 1.2/1.3), AppleTalk® PAP or EtherTalk, Port 9100 (Bi-Directional), NetWare P-SERVER LPD w/iPrint, Bluetooth (HCRP/BIP/OPP/FTP), WS Print, FTP
Print Drivers	Windows® 8.1 (32-bit, 64-bit), Windows Server® 2012/R2 (64-bit), Windows Server® 2016/19/22, Windows® 10, 11 (64-bit), macOS X 10.12-15, 11, 12
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (High-Speed) Optional IEEE802.11b/g/n, Wireless LAN, Optional Bluetooth
Wireless Device	AirPrint®, Mopria®, e-BRIDGE Print & Capture Application on iOS and Android (Available via Apple® App Store or Google Play)
Device Management	TopAccess
Account Control	Up to 10,000 Users or 1,000 Departments Supports User Authentication (on Device), Login Name/Password (via Windows® Domain) or Login Name/Password (via LDAP Server) for Copy, Print, Scan, Fax, List, and User Function
Accessibility Features	Tilt Front Panel, Job Programs, Universal Grip for Paper Trays, Disable Screen Timeout, Audible Beeps, Optional Voice Assist
Security Features	User Authentication, Trusted Platform Module, On-Board Data Scramble Function, SCEP, Disable, e-Filing, Disable Copy, Disk Overwrite* , IP Address Filtering (10 Sets), MAC Address Filtering (10 Sets), Network Service Control, Network Port Control, SMB Packet Signing, SSL/TLS (HTTP, IPP, LDAP, SMTP, POP, FTP, DPWS, SYSLOG), IPsec (IKEv1, IKEv2), Security Mode Change, CC Certified (ISO/IEC15408)* with HCD-PP v1.0, IEEE802.1X (Wired/Wireless), Digital Signature for Client Utilities, Password Policy, Password Lock, Password Expiration, Self Testing, Job Access Control, Log Access Control for Job Log, Security Stamp, Role Based Access Control, Secure PDF, Digital Signature for Firmware Update, Integrity Check Function, Image Log, Card Authentication, Biometric Authentication *Conformance with HCD-PPv1.0 in High Security Mode
Environmental Standards	ENERGY STAR® (V3.1), EPEAT Gold, Californian Proposition 65
Certifications	WHQL (Windows® 8, 8.1, 10, 11, 2012, 2012 R2, 2016/19/22), Novell®, Citrix®, SAP, AirPrint® and Mopria®

SCAN SPECIFICATIONS

Scan Speed	DSDF Scan: Up to 240 IPM Duplex, 120 IPM Simplex (Monochrome or Color)
Scan Weights	9.3-110lb Bond
Scan Modes	Standard: Full Color, Auto Color, Monochrome, Grayscale
OCR	DOC/XLS/PPT/PDF
Scan Resolution	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
File Formats	Monochrome: TIFF-Multi/Single Page, PDF-Multi/Single Page, PDF/A, Searchable PDF, XPS-Multi/Single Page, DOCX, XLSX, PPTX Color/Grayscale: JPEG, TIFF-Multi/Single Page, PDF-Multi/Single Page, PDF/A, Slim PDF, Searchable PDF, XPS-Multi/Single Page, DOCX, XLSX, PPTX
Image Compression	Color/Grayscale: JPEG (High, Middle, Low)

FACSIMILE SPECIFICATIONS

Compatibility	Super G3
Data Compression	MH/MR/MMR/JBIG
Transmission Speed	Approx. 3 Seconds Per Page
Fax Modem Speed	Up to 33.6 Kbps
Memory Transmission	100 Jobs (with HDD), 2,000 Destinations Max. 400 Destinations/Job

e-FILING SPECIFICATIONS

Operation Method	Color Touch Screen Control Panel or Client PC
Number of Boxes	1 Public Box, 200 Private User Boxes
Capacity of Boxes	100 Folders Per Box, 400 Documents Per Folder/Box, 200 Pages Per Document

ACCESSORIES (OPTIONS)

Additional Paper Options	
Large Capacity Feeder - 2,500 Sheet	MP2503L
Large Capacity Feeder - 2,000 Sheet	MP2002L
LCF Connector (to Add 2K LCF)	KN9000
Finishing Options	
65-Sheet Staple Finisher	MJ1115
65-Sheet Saddle-Stitch Finisher	MJ1116
Hole Punch for MJ1115/MJ1116	MJ6108N
Finisher Guide Rail	KN1103
Exit Tray	KA6551
Connectivity/Security Options	
FAX Unit/2nd Line for FAX Unit	GD1370N
Wireless LAN/Bluetooth	GN4030A3
Fax Over IP License Key	GS1100NODE
Bluetooth Keyboard	GR9001
2nd NIC Holder	GR1430
USB Hub	GR1420
Meta Scan Enabler	GS1010NODE
Security SSD (512GB)	GE1280
FIPS HDD (320GB)	GE1260

Miscellaneous Options	
Card Reader Holder	GR1320
Accessory Tray	GR1330
Panel 10-Key Option	GR1340
Manual Pocket	KK5008
Harness for Coin Controller	GQ1280
Accessible Arm	KK2560
Software Options	
e-BRIDGE Global Print	GB2550NODE
IPSec Enabler	GP1080NODE
Unicode Font Enabler	GS1007NODE
Multi-Station Print Enabler Per Seat License	GS1090NODE
e-BRIDGE Plus for OneDrive for Business V3.0	GB2300NODE
e-BRIDGE Plus for SharePoint Online V3.0	GB2310NODE
e-BRIDGE Plus for Exchange Online V3.0	GB2320NODE
Workplace Productivity Bundle	GB2330NODE
e-BRIDGE Plus for Gmail	GB2380NODE
e-BRIDGE Plus for Google Workspace	GB2390NODE
e-BRIDGE Plus Voice Guidance	GB2540NODE

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encompass Product Comparison Report

	Toshiba e-STUDIO9029A	Xerox AltaLink B8055
MODEL INFORMATION		
Manufacturer	Toshiba	Xerox
Model	e-STUDIO9029A	AltaLink B8055
Product Type	Monochrome printer, MF	Monochrome copier, MF
Product Status	Current	Discontinued
Introduction Date	03/01/2023	05/01/2017
Discontinued Date	Info not avail	05/01/2022
Market Segment	5	4
OEM	Toshiba (Malaysia)	Fuji Xerox and Xerox (Malaysia/Singapore)
Maximum Monthly Duty Cycle	740,000 impressions	200,000 impressions
Recommended Monthly Volume	44,600 impressions	20,000 to 100,000 impressions
MSRP/Street Price	$51,369.00 / None	$19,745.00 / None
Dimensions (HxWxD)	48.3" x 37.6" x 27.5"	45.3" x 33.5" x 26.2"
Weight	430 lbs	249 lbs
GENERAL SPECIFICATIONS		
Control Panel	10.1" color touchscreen	10.1" color touchscreen
Copy Speed (Ltr/Lgl/Ldgr)	90 / 46 / 40 cpm	55 / 36 / 31 cpm
First Copy Out Time	4.1 sec	3.8 sec
Warm-up Time	25 sec	120 sec
Paper Sources (Std/Max)	Triple drawer	Four tray
Standard Paper Capacity	540/540/2,320 sheets	500/500/1,600/2,000 sheets
Paper Weights	16-lb bond to 110-lb index	16 to 53 lbs
Bypass/Paper Weights	120-sheet / 16-lb bond to 110-lb cover	100-sheet / 16-lb bond to 80-lb cover
Maximum Paper Sources	6	6
Maximum Paper Capacity	8,020 sheets	8,000 sheets
Maximum Original Size	11 x 17	11-7/10 x 17
Output Size (Minimum/Maximum)	3.9 x 5.8 / 13 x 19	4-1/4 x 5-1/2 / 11-7/10 x 17
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Standard/Maximum)	6-GB RAM, 128-GB SSD / 6-GB RAM, 128-GB SSD	4-GB RAM, 250-GB HD / 4-GB RAM, 250-GB HD
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)
Duplex Capacity/Paper Sizes	Info not avail / 5-1/2 x 8-1/2 to 11 x 17	Info not avail / N/A 11-7/10 x 17
Document Feeder	Std DSPF	Std DSPF
Document Feeder Capacity	300 orig	200 orig
Paper Weights	9.3 to 110 lbs	13 to 43 lbs
Finisher	Opt finishers	Opt finishers
Tray/Stapling/Position(s)	3,000, 250, 3,000, 250 / 65 / 3	2,250 / 50 / 3
Hard Drive	6-GB RAM, 128-GB SSD / 6-GB RAM, 128-GB SSD	4-GB RAM, 250-GB HD / 4-GB RAM, 250-GB HD
Additional Features	Opt 2,000-sheet LCT, opt 2,500-sheet LCT (Can be combined); 6-GB RAM, 128-GB SSD/6-GB RAM, 128-GB SSD + 512-GB SSD (Security or FIPS option)	First copy out time of 3.8 sec from platen/7.4 sec from ADF; device includes a 3,600-sheet high-capacity tandem tray (1,600 and 2,000 letter/A4 sheets) as standard; a paper output option must be chosen at time of purchase - choices include: opt 2,250-sheet Office Finisher has 2 trays (250/2,000) and opt hole punch; opt Office Finisher with booklet maker adds saddle-stitch (up to 15 sheets/40-page booklets) booklet making; other options include: 3,300-sheet high-capacity feeder (letter/A4) with opt short-edge feed kits also available; 50-sheet convenience stapler with work surface and envelope tray (replaces tray 2) which supports up to 50 envelopes; opt 400-sheet offset catch tray (required when finishers are not attached)
MULTIFUNCTION FEATURES		
Copier	Std	Std
Printer		

	Toshiba e-STUDIO9029A	Xerox AltaLink B8055
Standalone Printer	Std	Std
Network Printer	Std	Std
Scanner	Std	Std
Fax	Opt	Opt
Internet Fax	Opt	Std
Network Fax	Opt	Std
PC Fax	Opt	No
PRINTER SPECIFICATIONS		
Speed	90 ppm	55 ppm
Maximum Print Area	Info not avail	Info not avail
Print Resolution	1200 x 1200 dpi	1200 x 1200 dpi
Paper Type	3.9 x 5.8 / 13 x 19	4-1/4 x 5-1/2 / 11-7/10 x 17
Std/Max Printer Memory	Info not avail	Info not avail
Standard Controller	Toshiba e-BRIDGE Next	Xerox ConnectKey
Processor/Bits/MHz	Intel E3930 Dual Core / N/A / 1.3 GHz	Quad-core / N/A / 1.8 GHz
PDL/PCL	PCL 5e/c/6/XL, PostScript 3, PDF, XPS	PCL 5c/6, Adobe PostScript 3, opt XPS
Optional Controller 1	N/A	N/A
Processor/Bits/MHz	N/A	N/A
PDL/PCL	N/A	N/A
Optional Controller 2	N/A	N/A
Processor/Bits/MHz	N/A	N/A
PDL/PCL	N/A	N/A
Controller Features	6GB RAM / 128GB SSD std. Opt. 512GB Security SSD or 512GB FIPS 140-2 SSD	Direct printing from USB drives supports collation, stapling and hole punch; configuration cloning; earth smart driver settings; job identification; booklet creation; store and recall driver settings; bi-directional real-time status; scaling; job monitoring; banner printing; supports Xerox Global Print Driver, Mobile Express and Pull Print Drivers
SCANNER SPECIFICATIONS		
Connection Type	Info not avail	Info not avail
Technology/Speed	N/A / 120 ipm color, 120 ipm black	CCD / 140 ipm color, 140 ipm black
Maximum Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	N/A	Yes
Scan Destinations		
E-mail	N/A	Yes
I-fax	N/A	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	N/A	Yes
URL	N/A	Yes
LDAP Support	Yes	Yes
File Formats	DOCX, JPEG, PDF, PDF/A, searchable PDF, slim PDF, PPTX, TIFF, XLSX, XPS	JPEG, PDF, PDF/A, encrypted/password protected PDF, linearized PDF/PDF/A, searchable PDF, TIFF, XPS
Scanner Features	Info not avail	Std color scanning; Single touch scan buttons (up to 10); bit depth of 24-bit color/8-bit grayscale/1-bit black; encrypted scan to email; scan to mailbox, network folder; 250 scan templates (CentreWare IS scan templates can be shared via device cloning); scan build job; mixed sized originals; reduction/enlargement; compression quality/file size control; auto background and shadow suppression; scan speed based on letter/A4 paper using the DSPF
SECURITY SPECIFICATIONS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes
MAC Address Filtering	Yes	Info not avail
HDD Overwrite	N/A	Std
Number of Overwrites	N/A	3
HDD Encryption	Std	Std
Encrypted Secure Print	Yes	Yes

	Toshiba e-STUDIO9029A	Xerox AltaLink B8055
Encrypted PDF Mode (Encrypted Scanning)	Std	Yes
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport Layer Security (TLS)	Yes	Yes
Secure Print	Yes	Yes
Security Features	TPM 2.0, Antimalware std. Opt. 512GB Encrypted Security SSD or 512GB FIPS 140-2 SSD on top of 128GB Encrypted SSD	Immediate and on demand image overwrite; AES 256-bit encryption (FIPS 140-2 compliant); SHA-256 Hash message authentication; fax security; encrypted password protected PDF; encrypted scan to email; McAfee embedded security; McAfee ePolicy (ePO) compatible; opt McAfee Integrity Control; opt smart card enablement (CAC/PIV/.NET); port disablement including USB ports; IPv6, HTTPs, 802.1X support; audit log; Common Criteria Certifiied; user permissions; bar code reader support
FAX SPECIFICATIONS		
Scanner Technology	Info not avail	Info not avail
Compression Method	MH/MR/MMR/JBIG	MH/MMR
Min/Max Orig Size (WxL)	Info not avail	Info not avail
Max Paper/Print Width	Info not avail	Info not avail
Effective Scanning Width	Info not avail	Info not avail
Dual Lines	Opt	Opt
Speed Dial	Info not avail	Info not avail
Fax Features	Fax Over IP Solutions including Xmedius	Opt walkup fax (one-line and two-line options), Internet fax, LAN fax; print two-sided and/or staple incoming documents; build job; 200 password-protected mailboxes; fax forward to email or SMB; auto send; delay start; reduce/split large documents; auto cover sheets
CONNECTIVITY		
Operating System Support	Win Server 2012, 8.1, 10, Server 2016, Server 2019, 11, Server 2022, Mac OS X 10.10-10.15, 12, Linux, UNIX	Win XP, Server 2003, Vista, Server 2008, 7, Server 2012, 8, 8.1, 10, Mac OS 10.8-10.11, Citrix, Linux, Novell, UNIX
USB Interface	Std 2.0, std (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail	Info not avail
Network Interface	Std Ethernet, opt wireless	Std Ethernet, opt wireless
Interface Type	10/100/1000BaseT, 802.11b/g/n, Bluetooth	10/100/1000BaseTX, 802.11b/g/n
LAN Fax/Print/Scan	Info not avail	Info not avail
Networks Supported		
NetWare	Info not avail	Info not avail
Windows NT	Info not avail	Info not avail
AppleTalk	Info not avail	Info not avail
UNIX	Info not avail	Info not avail
AS/400	Info not avail	Info not avail
Other	Info not avail	Info not avail
Embedded Software Platform	N/A	Extensible Interface Platform (EIP)
POWER AND ENERGY		
Power Requirements	120 V, 16 A	110-127 V, 20 A
Energy Star Compliant	Yes	Yes
Energy Consumption		
Power Off	Info not avail	Info not avail
Power Save Mode	Info not avail	4W
Ready Mode	Info not avail	45W
Maximum Consumption	2400W	Info not avail
Typical Electrical Consumption (TEC value)	1.58kWh	Info not avail
Operating Noise Level	76 dB	56 dB
Dedicated Outlet	Required	Required
TONER		
Mono Toner (OEM)		

	Toshiba e-STUDIO9029A	Xerox AltaLink B8055
Part Number	Not applicable	006R01604
Yield (per cartridge)	Not applicable	50,000
Coverage (per cartridge)	Not applicable	5%
Color Toner (OEM)		
Part Number	Not applicable	Not applicable
Yield (per cartridge)	Not applicable	Not applicable
Coverage (per cartridge)	Not applicable	Not applicable
Mono Toner (NON-OEM)		
Part Number	Not applicable	Not applicable
Yield (per cartridge)	Not applicable	Not applicable
Coverage (per cartridge)	Not applicable	Not applicable
Color Toner (NON-OEM)		
Part Number	Not applicable	Not applicable
Yield (per cartridge)	Not applicable	Not applicable
Coverage (per cartridge)	Not applicable	Not applicable

TOSHIBA

BIG COLOR, BIG FEATURES IN A SMALL MFP

Toshiba's new 35PPM e-STUDIO3525AC gives you the features and outstanding color quality you want packed it in a very compact offering. At 35PPM it's ideal for small workgroups. Add the dual scan document feeder and you have performance and capabilities that rivals MFPs twice its size.

Bult-in OCR makes your PDFs searchable or easily converts your paper-based documents to popular Microsoft Office formats.

e-STUDIO3525AC

FEATURES AT A GLANCE

- **Full Color A3 MFP**
- **35PPM Letter-size**
- **Small Workgroups**
- **Compact Footprint**
- **Copy, Print, Scan, Fax**

POPULAR OPTIONS
Saddle Stitch Finisher
Wireless Connectivity
Pedestal LCF
Dual Scan Document Feeder

TOSHIBA

e-STUDIO™2525AC/3025AC/3525AC/4525AC

Introducing a new generation of Toshiba MFPs – with high-performance, advanced security and cloud-ready features, these printers are the perfect choice for today's modern work environments.

- Highly Productive Color MFPs
- High-speed – 25, 30, 35 & 45 PPM
- Leading-edge Security Features
- Cloud Print & Service Capabilities
- Built-in Optical Character Recognition

TOSHIBA

CLOUD-READY AND SECURE FOR TODAY'S DIGITAL WORKPLACE

Today's new hybrid work environment demands that information be available and accessible from anywhere at any time for organizations to be efficient and productive. Yet it needs to be secure. Introducing Toshiba's newest e-STUDIO™ workgroup MFPs, specifically designed to meet this need. Providing the ultimate in productivity through speed, quality and consistency, these printers also deliver a zero-trust approach for the highest level of security and cloud-ready features built-in for anywhere accessibility.

AT TOSHIBA, PRODUCTIVITY IS A PRIORITY

Our new color MFPs are faster and more productive, secure, and reliable than any other workgroup models Toshiba has ever produced. With everything from a super-charged document feeder to greater maximum paper capacity to next-level finishing performance, these new models raise the bar on what an MFP can do for productivity in the modern workplace.

25, 30, 35 & 45 PPM for departmental-level performance in a workgroup-size device, designed to handle more volume for more users.

New High-Speed, High-Capacity Dual Side Document Feeder (DSDF) with Double Feed Detection (DFD) for the most mission-critical scanning environments, providing up to 240 IPM duplex scan speeds.

High-Resolution for crisp image quality: up to 1,200 dpi x 1,200 dpi.

Continuous Scan allows you to switch seamlessly between simplex, duplex, original size, and orientation, or even switch from DF to glass in one scan job.

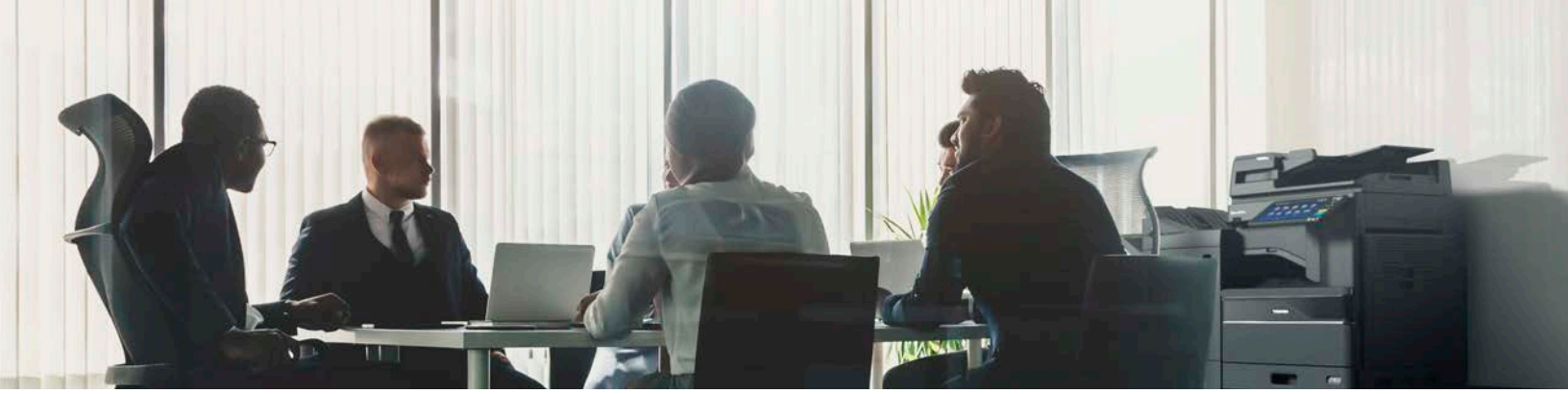
Enhanced Scan Functions provide options for mixed sizes, sources orientation, and more in one job – as well as employ a network share location right from front panel.

Accurate Color & e-BRIDGE® Color Profiler Tool V4.1 allows demanding color print users to accurately hit the widest array of recognized Pantone colors or unique brand identity colors – or match other output devices.

65-Sheet Stapling takes finishing to the next level and is available on both the regular and saddle stitch finisher, the latter capable of producing booklets up to 60-pages.

5,200-Sheet Maximum Paper Capacity helps you pump up the volume thanks to our modular design. Choose one or two drawer paper feed pedestals or tandem LCF – and for those really demanding environments, an additional external Large Capacity Feeder (LCF).

10.1" Tablet-Style Full Color Tilting Touch Screen Panel offers touch swipe User Interface (UI) featuring newly designed icons that provide access to the MFP's core functions and productivity-enhancing workflow solutions – all while offering a consistent and familiar user experience to the entire Office Collection.



Built-in OCR (Optical Character Recognition) allows you to quickly and easily scan paper documents to create searchable PDFs or editable document formats such as Microsoft® Word®.

Annotation & Bates Stamping allows you to assign a unique identifier to documents for indexing, labeling, and identifying content to ensure all pages are accounted for.

Voice Guidance Technology affirms your programming selections and is a great option for users with visual disabilities through Section 508 of the Rehabilitation Act, opening it up to a wider audience.

Soft Closing Drawers provide a luxurious feeling and better end user experience.

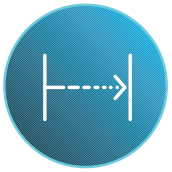
Environmentally Friendly is the Toshiba way: RoHS compliant, recycled plastics, Low-Power (1W) Super Sleep Mode, and our EcoSmart Recycling Program – as well as lower TEC values for more energy efficiency, earning them the newest EPA ENERGY STAR rating.

Higher Duty Cycles and Periodic Maintenance Intervals provide greater volume with fewer routine service calls so you can stay focused on productivity.

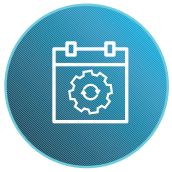
Optical Character Recognition

Annotation & Bates Stamping

Voice Guidance


Soft Close Drawers

Environmentally Friendly


Fewer Routine Service Calls

SECURITY IS JOB NUMBER ONE

Security has never been a more critical consideration for any device in today's business landscape. MFPs have the extra burden of being shared by all users, and many if not all written documents pass through this device while being printed, scanned, faxed, or copied. That's why Toshiba strongly believes in zero-trust security principles while designing the applications and cloud services for MFPs. Instead of assuming that the applications and services running on MFPs behind the corporate firewall are safe, we ensure that access and communication with the MFP is fully authenticated, authorized, and encrypted. We accomplish this by enhancing security using the following features:

Trusted Platform Module 2.0 features the latest version of hardware-based security that safeguards all data on the MFP using cryptographic keys.

Built-in Antimalware that's stronger than antivirus protects the MFP from Trojan horses, ransomware, spyware, rogue software, and more.

OAUTH2 Token-based Identity Management helps integrate cloud services with your existing identity management, therefore credentials are not replicated, and the chance of vulnerabilities is reduced.

Enhanced Data Encryption with TLS 1.3 keeps the communication between MFP and other applications fully secure thanks to the latest and most secure version of transport layer security.

New 128GB SSD provides the latest encryption and improved reliability.

512GB SSD option provides additional onboard document storage capacity.

FIPS 140-2 Validated HDD option enables these MFPs to meet the Hardcopy Device Protection Profile (HCD-PP) when the MFP is configured in High Security Mode.

e-STUDIO™4525AC series

HARNESS THE POWER OF THE CLOUD

With **Elevate Sky™** from Toshiba, you'll find cloud-based print solutions for the modern workforce, allowing workflows to seamlessly integrate your MFPs and documents with the cloud applications you're already using.

e-BRIDGE® Global Print allows you to fully embrace cloud technology. It simplifies and secures your print environment while providing the flexibility for users to print from anywhere – work, home office, or on the road.

Elevate Sky™ Service from Toshiba is a suite of cloud-based applications designed to better manage print and document environments by improving device uptime and visibility to fleet usage and performance.

Leveraging big data analytics and artificial intelligence, Elevate Sky™ Service can identify impending errors before they happen. In many cases, remote intervention can address the issue before affecting regular device operations.

Elevate Sky™ Service CloudConnect is an innovative and exclusive, cloud-based app that's ideal for remote fleet management, application and license deployment, and policy-based security management for your fleet.

Elevate Sky™ Service Remote Assist enables technicians, with the end-user's approval, to remotely access the MFP and perform diagnostics and adjustments potentially eliminating the need for what might otherwise be an onsite service call.

Elevate Sky™ Service Remote Diagnostics assists technicians by applying predictive analytics to anticipate an MFP's service needs thus improving uptime.

Elevate Sky™ Service AI uses machine learning models to predict parts failures within a Toshiba fleet, helping reduce service costs by optimizing technician dispatch.

Elevate Sky™ Service Device Management allows IT administrators to remotely monitor fleet status, deploy licenses and applications to devices, and ensure that all Toshiba MFPs on the network have consistent and compliant security settings and policies.

Elevate Sky™ Service Reports monitors MFP usage patterns, generate, and schedule custom reports for their entire fleet to gain valuable insights into how MFPs are being utilized.

Toshiba's cloud-ready MFPs and our team of experts provide the solutions your business needs to improve workflows and print smarter. Utilizing the latest technological advancements and security standards, we provide end-to-end solutions to help you seamlessly and securely navigate today's digital workplace from consulting, cloud migration, fleet management, implementation, and technical support.

STANDOUT FEATURES IN OUR MFPs

e-STUDIO™2525AC/3025AC/3525AC/4525AC

1. **Dual Scan Document Feeder** available with Double Feed Detection – Scans up to 240 IPM; holds up to 300 originals (refillable)
2. **10.1" Tiltable Front Panel** makes programming jobs easier than ever – even for wheelchair users – and is Section 508 friendly
3. **Card Reader Pocket** enables badge authentication to control device access
4. **Soft Closing Drawers** automatically pull drawer closed when initiated and provide a luxury experience
5. **65-Sheet Stapling Finishers** and an output capacity of up to 3,000 pages enable bigger jobs
6. **Saddle Stitch Finishing** enables up to 60-page booklets, and unique avalanche tray increases exit capacity
7. **Tandem LCF Pedestal** holds 2 x 1,000-sheet stacks of letter-size paper, while refillable design allows users to add paper while MFP is in use
8. **2,000-Sheet External LCF** boosts paper capacity to an amazing 5,200 sheets

e-STUDIO™2525AC/3025AC/3525AC/4525AC

MAIN SPECIFICATIONS

Copy System	Indirect Electrostatic Photographic/OPC/Laser Printing/Heat Roller Fusing
Display	10.1" Color WSVGA Touch Screen Tilting Display
Copy Speed	25/30/35/45 PPM (LT)
First Copy Out	Color: Less Than 7.8/7.8/7.8/5.7 Seconds Monochrome: Less Than 5.9/5.9/5.9/4.4 Seconds
Warm-Up Time	From powering on: Approx. 20 Seconds From Sleep & Low Power: Less Than 12 Seconds
Copy Resolution	600 x 600 dpi
Stack Feed Bypass	3.9" x 5.8" to 12" x 18", 12" x 47" Banner, Envelope
Multiple Copying	Up to 999 Copies
Paper Capacity	Standard 1,200 Sheets/Max. 5,200 Sheets
Original Feed	300-Sheet DSDF or DSDF with Double Feed Detection or 100-Sheet RADF
Scan Speed & Weights	DSDF Scan: 70IPM (Monochrome or Color), Simplex or Duplex: 9.3-110lb Bond RADF Scan: 50IPM (Monochrome or Color), Simplex: 9.3-41.8lb Bond, Duplex: 13.3-41.8lb Bond
Max. Original Size	LD/A3
Paper Feed Sizes	Drawer 1: 550 Sheets-ST-R to LD Drawer 2: 550 Sheets-ST-R to 12" x 18" Stack Feed Bypass: 100 Sheets-3.9" x 5.8" to 12" x 18", 12" x 47" Banner Opt. 550-Sheet Paper Feed Pedestal-ST-R to 12" x 18" Opt. 550-Sheet Drawer for PFP-ST-R to 12" x 18" Opt. Envelope Cassette for PFP-Approx. 60 Envelopes/550 Sheets-ST-R to LG Opt. 2,000-Sheet Tandem LCF (Pedestal Type)-LT Only Opt. 2,000-Sheet External LCF-LT Only
Paper Weights	Standard: 550 Sheets x 2-16lb Bond-110lb Cover Stack Feed Bypass: 100 Sheets-14lb Bond-110lb Cover Opt. 550-Sheet Paper Feed Pedestal-16lb Bond-110lb Cover Opt. 550 Sheets Drawer for PFP-16lb Bond-110lb Cover Opt. Envelope Cassette for PFP-16lb Bond-140lb Index Opt. 2,000-Sheet Tandem LCF (Pedestal Type)-17lb-28lb Bond Opt. 2,000-Sheet External LCF-LT 16lb Bond-110lb Cover
Duplex	Standard Automatic Duplex Unit (16lb Bond-140lb Index)
Reproduction Ratio	25% to 400%
Max Duty Cycle	Max. 75K/90K/105K/105K Month (Color: 100%) Max. 150K/180K/210K/210K Month (Monochrome: 100%)
Weight	Approx. 169lb/172lb
Approx. Dimensions	23" (W) x 25.2" (D) x 31" (H)
CMYK Toner Yield	CMY: 38K, K: 39.8K @ 5%
Power Source	120 Volts, 50/60 Hz, 12 Amps
Power Consumption	Maximum 1.8kW (120V)
Plug Type	NEMA 5-15
Memory	4GB
Hard Disk Drive	128GB Solid State Drive (SSD)

e-BRIDGE NEXT PRINT SPECIFICATIONS

PDL	PCL5e, PCL5c, PCL6 (PCL XL), PS3, PDF, XPS, JPEG
Print Resolution	600 x 600 dpi (5 bit), 1,200 x 1,200 dpi (Color/2 bit) or 3,600 (Equivalence) x 1,200 dpi (BW/with Smoothing) (PS3 Only)
Operating Systems	Windows® 8.1,10, 11, Windows Server® 2012/R2, Windows Server® 2016/19/22, Macintosh® (macOS X 10.10-15, 12), Unix®, Linux®
Network Protocols	TCP/IP (IPv4, IPv6), NetBIOS over TCP/IP, IPX/SPX® for Novell® Environments, EtherTalk for Macintosh Environments
Printing Protocols	SMB V1-3, LPR/LPD, IPP V1.2 w/Authentication (TLS 1.2/1.3), AppleTalk® PAP or EtherTalk, Port 9100 (Bi-Directional), NetWare P-SERVER LPD w/iPrint, Bluetooth (HCRP/BIP/OPP/FTP), WS Print, FTP
Print Drivers	Windows® 8.1 (32-bit, 64-bit), Windows Server® 2012/R2 (64-bit), Windows Server® 2016/19/22, Windows® 10, 11 (64-bit), macOS X 10.12-15, 11, 12
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (High-Speed) Optional IEEE802.11b/g/n, Wireless LAN, Optional Bluetooth
Wireless Device	AirPrint®, Mopria®, e-BRIDGE Print & Capture Application on iOS and Android (Available via Apple® App Store or Google Play)
Device Management	TopAccess
Account Control	Up to 10,000 Users or 1,000 Departments Supports User Authentication (on Device), Login Name/Password (via Windows® Domain) or Login Name/Password (via LDAP Server) for Copy, Print, Scan, Fax, List, and User Function
Accessibility Features	Tilt Front Panel, Job Programs, Universal Grip for Paper Trays, Disable Screen Timeout, Audible Beeps, Optional Voice Assist
Security Features	User Authentication, Trusted Platform Module, On-Board Data Scramble Function, SCEP, Disable, e-Filing, Disable Copy, Disk Overwrite* , IP Address Filtering (10 Sets), MAC Address Filtering (10 Sets), Network Service Control, Network Port Control, SMB Packet Signing, SSL/TLS (HTTP, IPP, LDAP, SMTP, POP, FTP, DPWS, SYSLOG), IPsec (IKEv1, IKEv2), Security Mode Change, CC Certified (ISO/IEC15408)* with HCD-PP v1.0, IEEE802.1X (Wired/Wireless), Digital Signature for Client Utilities, Password Policy, Password Lock, Password Expiration, Self Testing, Job Access Control, Log Access Control for Job Log, Security Stamp, Role Based Access Control, Secure PDF, Digital Signature for Firmware Update, Integrity Check Function, Image Log, Card Authentication, Biometric Authentication *Requires FIPS HDD, Conformance with HCD-PPv1.0 in High Security Mode
Environmental Standards	ENERGY STAR® (V3.1), EPEAT Gold, Californian Proposition 65
Certifications	WHQL (Windows® 8, 8.1, 10, 11, 2012, 2012 R2, 2016/19/22), Novell®, Citrix®, SAP, AirPrint® and Mopria®

SCAN SPECIFICATIONS

Scan Speed	DSDF Scan: Up to 240 IPM Duplex, 120 IPM Simplex (Monochrome or Color) RADF Scan: Up to 73 IPM (Monochrome or Color)
Scan Modes	Standard: Full Color, Auto Color, Monochrome, Grayscale
OCR	DOC/XLS/PPT/PDF
Scan Resolution	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
File Formats	Monochrome: TIFF-Multi/Single Page, PDF-Multi/Single Page, PDF/A, Searchable PDF, XPS-Multi/Single Page, DOCX, XLSX, PPTX, Color/Grayscale: JPEG, TIFFMulti/Single Page, PDF-Multi/Single Page, PDF/A, Slim PDF, Searchable PDF, XPSMulti/Single Page, DOCX, XLSX, PPTX
Image Compression	Color/Grayscale: JPEG (High, Middle, Low)

FACSIMILE SPECIFICATIONS

Compatibility	Super G3
Data Compression	MH/MR/MMR/JBIG
Transmission Speed	Approx. 3 Seconds Per Page
Fax Modem Speed	Up to 33.6 Kbps
Memory Transmission	100 Jobs (with HDD), 2,000 Destinations Max. 400 Destinations/Job
Scan Speed	0.7 Seconds Per Page, Maximum 73 IPM

e-FILING SPECIFICATIONS

Operation Method	Color Touch Screen Control Panel or Client PC
Number of Boxes	1 Public Box, 200 Private User Boxes
Capacity of Boxes	100 Folders Per Box, 400 Documents Per Folder/Box, 200 Pages Per Document

ACCESSORIES (OPTIONS)

Platen & Document Feeder Options	
DSDF	MR4010
DSDF with Double Feed Detection	MR4020
RADF	MR3033
Platen Cover	KA5005PC
Additional Paper Options	
Paper Feed Pedestal	KD1072
Drawer Module	MY1052
Envelope Cassette Option	MY1053
Large Capacity Feeder	KD1073LT
External Large Capacity Feeder	MP2002
Finishing Options	
50-Sheet Inner Finisher	MJ1048
65-Sheet Staple Finisher	MJ1113
65-Sheet Saddle-Stitch Finisher	MJ1114
Hole Punch for MJ1048	MJ6011
Hole Punch for MJ1113/MJ1114	MJ6107
Bridge Kit	KN5005
Job Separator	MJ5015
Connectivity/Security Options	
FAX Unit/2nd Line for FAX Unit	GD1370N
Wireless LAN/Bluetooth	GN4030A3
Fax Over IP License Key	GS1100NODE
Bluetooth Keyboard	GR9001
2nd NIC Holder	GR1430
USB Hub	GR1420
Meta Scan Enabler	GS1010NODE
IPSec Enabler	GP1080NODE
Unicode Font Enabler	GS1007NODE
Multi-Station Print Enabler Per Seat License	GS1090NODE
e-BRIDGE Plus for OneDrive for Business V3.0	GB2300NODE
e-BRIDGE Plus for SharePoint Online V3.0	GB2310NODE
e-BRIDGE Plus for Exchange Online V3.0	GB2320NODE
e-BRIDGE Plus for Gmail	GB2380NODE
e-BRIDGE Plus for Google Workspace	GB2390NODE
Hardcopy Security Printing	GP1190NODE
Security SSD (512GB)	GE1280
FIPS HDD (320GB)	GE1260
e-BRIDGE Plus Voice Guidance	GB2540NODE
e-BRIDGE Global Print	GB2550NODE
Miscellaneous Options	
Card Reader Holder	GR1320
Accessory Tray	GR1330
Panel 10-Key Option	GR1340
Stand	STAND5015
Work Tray	KK5005
Manual Pocket	KK5008
Harness for Coin Controller	GQ1280
Accessible Arm	KK2560

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encompass Product Comparison Report

	Toshiba e-STUDIO3525AC	Xerox AltaLink C8035 with high-capacity tandem tray
MODEL INFORMATION		
Manufacturer	Toshiba	Xerox
Model	e-STUDIO3525AC	AltaLink C8035 with high-capacity tandem tray
Product Type	Full-color printer, MF	Full-color copier, MF
Product Status	Current	Discontinued
Introduction Date	06/01/2022	05/01/2017
Discontinued Date	Info not avail	04/01/2024
Market Segment	3	3
OEM	Toshiba (China)	Fuji Xerox and Xerox (Info not avail)
Maximum Monthly Duty Cycle	210,000 black/105,000 color impressions	110,000 impressions
Recommended Monthly Volume	6,800 impressions	5,000 to 12,000 impressions
MSRP/Street Price	$24,639.00 / None	$17,048.00 / None
Dimensions (HxWxD)	31" x 23" x 25.2"	45" x 25.2" x 28.9"
Weight	169 lbs	321 lbs
GENERAL SPECIFICATIONS		
Control Panel	10.1" color touchscreen	10.1" color touchscreen
Copy Speed (Ltr/Lgl/Ldgr)	35 cpm color/35 cpm black / 21 cpm color/21 cpm black / 18 cpm color/18 cpm black	35 cpm color/35 cpm black / Info not avail / Info not avail
First Copy Out Time	7.8 sec color/5.9 sec black	8.1 sec color/6.7 sec black
Warm-up Time	20 sec	92 sec
Paper Sources (Std/Max)	Dual drawer	Four tray
Standard Paper Capacity	550/550 sheets	520/520/867/1,133 sheets
Paper Weights	16-lb bond to 110-lb cover	16-lb bond to 140-lb index
Bypass/Paper Weights	100-sheet / 14-lb bond to 110-lb cover	100-sheet / 16-lb bond to 110-lb cover
Maximum Paper Sources	6	6
Maximum Paper Capacity	5,200 sheets	5,140 sheets
Maximum Original Size	12 x 18	11.7 x 17
Output Size (Minimum/Maximum)	3.9 x 5.8 / 12 x 18	3.5 x 3.9 / 12.6 x 19
Copy Resolution	600 x 600 dpi	600 x 600 dpi
System Memory (Standard/Maximum)	4-GB RAM, 128-GB SSD / 4-GB RAM, 640-GB SSD	8-GB RAM, 250-GB HD / 8-GB RAM, 250-GB HD
Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)
Duplex Capacity/Paper Sizes	Info not avail / N/A Info not avail	Info not avail / N/A Info not avail
Document Feeder	Opt RADF and DSPF	Std DSPF
Document Feeder Capacity	100 orig, 300 orig	130 orig
Paper Weights	9.3 to 41.8 lbs, 9.3 to 110 lbs	16 to 32 lbs
Finisher	Opt finishers	Opt finishers
Tray/Stapling/Position(s)	3,000, 250, 2,000, 250, 500, 100 / 65, 65, 50 / 3	500, 2,000, 3,500, 2,000 / 50 / 1, 2, 3, 3
Hard Drive	4-GB RAM, 128-GB SSD / 4-GB RAM, 640-GB SSD	8-GB RAM, 250-GB HD / 8-GB RAM, 250-GB HD
Additional Features	Opt RADF (reversing automatic document feeder) or DSPF (duplex single pass feeder); opt paper feed-pedestal adds one 550-sheet drawer; an additional opt 550-sheet drawer or opt envelope feeder cassette can be added to the paper-feed pedestal; opt 2,000-sheet LCT handles letter/A4-sized paper; banner-sized paper can be handled via the bypass tray	Opt 2,000-sheet high capacity feeder (8.5" x 11"/A4); opt envelope tray (replaces tray 1) supports up to 60 envelopes; a dual offset catch tray (250 sheets each) and face up tray (100 sheets) is standard when finishers are not attached; opt integrated Office Finisher has a 500-sheet stacker and staples up to 50 sheets in one position; opt Office Finisher LX has a 2,000-sheet stacker and offers opt hole punch and opt saddle-stitch booklet making; opt Business Ready finisher has a 3,000-sheet stacker plus 500-sheet top tray and includes hole punch; opt Business Ready Booklet Maker finisher has a 2,000-sheet stacker plus 500-sheet top tray and includes saddle stitching of up to 15 sheets (60 page booklets), hole punch and V-folding (5 sheets); opt C-fold/Z-fold unit available for the Business Ready finishers; opt 50-sheet convenience stapler with work surface

	Toshiba e-STUDIO3525AC	Xerox AltaLink C8035 with high-capacity tandem tray
MULTIFUNCTION FEATURES		
Copier	Std	Std
Printer		
Standalone Printer	Std	Std
Network Printer	Std	Std
Scanner	Std	Std
Fax	Opt	Opt
Internet Fax	Std	Std
Network Fax	Opt	Std
PC Fax	Opt	No
PRINTER SPECIFICATIONS		
Speed	35 ppm color/35 ppm black	35 ppm color/35 ppm black
Maximum Print Area	Info not avail	Info not avail
Print Resolution	1200 x 1200 dpi	N/A
Paper Type	3.9 x 5.8 / 12 x 18	3.5 x 3.9 / 12.6 x 19
Std/Max Printer Memory	Info not avail	Info not avail
Standard Controller	Toshiba e-BRIDGE Next	Xerox ConnectKey
Processor/Bits/MHz	Intel E3930 Dual Core / N/A / 1.3 GHz	Quad core / N/A / 1.91 GHz
PDL/PCL	PCL 5e/c/6/XL, PDF, PostScript 3, XPS	PCL 5c/6, Adobe PostScript 3, opt XPS
Optional Controller 1	N/A	EFI / Fiery (FS150)
Processor/Bits/MHz	N/A	Intel Pentium dual core G850 / N/A / 2.9 GHz
PDL/PCL	N/A	Adobe PostScript 3
Optional Controller 2	N/A	EFI / Fiery EX-c C8000 (FS200)
Processor/Bits/MHz	N/A	AMD GX-424CC Quad Core / N/A / 2.4 GHz
PDL/PCL	N/A	PCL 5/6. Adobe PostScript 3
Controller Features	4GB RAM / 128GB SSD std. Opt. 512GB Security SSD or 512GB FIPS 140-2 SSD	Direct printing from USB drives support collation, stapling and hole punch; configuration cloning; earth smart driver settings; job identification; booklet creation; store and recall driver settings; bi-directional real-time status; scaling; job monitoring; Xerox custom color by words; banner printing; supports Xerox Global Print Driver, Mobile Express and Pull Print Drivers; opt Fiery network server features Fiery FS150 software, 1-GB RAM, 500-GB HD; opt EX-c C8000 Print Server features FS200 software, 2-GB RAM, 500-GB HD
SCANNER SPECIFICATIONS		
Connection Type	Info not avail	Info not avail
Technology/Speed	CCD / N/A	CCD / 80 ipm color, 80 ipm black
Maximum Resolution	600 x 600 dpi	600 x 600 dpi
TWAIN Compatible	Yes	Yes
Scan Destinations		
E-mail	N/A	Yes
I-fax	Yes	Yes
FTP	Yes	Yes
SMB	Yes	Yes
HDD	Yes	Yes
URL	Yes	Yes
LDAP Support	Yes	Yes
File Formats	DOCX, JPEG, PDF, compact PDF, searchable PDF, Slim PDF, PPTX, TIFF, XLSX, XPS	JPEG, PDF, PDF/A, encrypted/password protected PDF, linearized PDF/PDF/A, searchable PDF, TIFF, XPS
Scanner Features	scan to box (e-Filing); scan speeds based on 300 dpi	Single touch scan buttons (up to 10); bit depth of 24-bit color/8-bit grayscale/1-bit black; encrypted scan to email; scan to mailbox, network folder; 250 scan templates (CentreWare IS scan templates can be shared via device cloning); scan build job; mixed sized originals; reduction/enlargement; compression quality/file size control; auto background and shadow suppression; scan speed based on letter/A4 paper using the document feeder
SECURITY SPECIFICATIONS		
Network User Authentication	Yes	Yes
IP Address Filtering	Yes	Yes

	Toshiba e-STUDIO3525AC	Xerox AltaLink C8035 with high-capacity tandem tray
MAC Address Filtering	Yes	Info not avail
HDD Overwrite	Std	Std
Number of Overwrites	N/A	3
HDD Encryption	Std	Std
Encrypted Secure Print	Yes	Yes
Encrypted PDF Mode (Encrypted Scanning)	Std	Std
IPsec	Yes	Yes
Secure Sockets Layer (SSL)	Yes	Yes
SNMPv3	Yes	Yes
Transport Layer Security (TLS)	Yes	Yes
Secure Print	Yes	Yes
Security Features	TPM 2.0, Antimalware std. 512GB FIPS 140-2 SSD opt on top of std.128GB Encrypted SSD	Immediate and on demand image overwrite; AES 256-bit encryption (FIPS 140-2 compliant); SHA-256 Hash message authentication; fax security; encrypted password protected PDF; encrypted scan to email; McAfee embedded security; McAfee ePolicy (ePO) compatible; opt McAfee Integrity Control; opt smart card enablement (CAC/PIV/.NET); port disablement including USB ports; IPv6, HTTPs, 802.1X support; audit log; Common Criteria Certifiied; user permissions; bar code reader support
FAX SPECIFICATIONS		
Scanner Technology	Info not avail	Info not avail
Compression Method	MH/MR/MMR/JBIG	MH/MMR
Min/Max Orig Size (WxL)	Info not avail	Info not avail
Max Paper/Print Width	Info not avail	Info not avail
Effective Scanning Width	Info not avail	Info not avail
Dual Lines	Opt	Opt
Speed Dial	Info not avail	Info not avail
Fax Features	e-mail or e-Filing; approximately 3 seconds per page transmission speed	Opt walkup fax (one-line and two-line options), Internet fax, LAN fax; print two-sided and/or staple incoming documents; build job; 200 password-protected mailboxes; junk fax prevention; fax forward to email or SMB; auto send; delay start
CONNECTIVITY		
Operating System Support	Win Server 2012, 8.1, 10, Server 2016, Server 2019, 11, Server 2022, Mac OS X 10.10-10.15, 12, Linux, UNIX	Win XP, Server 2003, Vista, Server 2008, 7, Server 2012, 8, 8.1, 10, Mac OS 10.8-10.11, Citrix, Linux, UNIX, Novell
USB Interface	Std 2.0, std 2.0 (host)	Std 2.0, std 2.0 (host)
PC Fax/Print/Scan	Info not avail	Info not avail
Network Interface	Std Ethernet, opt wireless	Std Ethernet, opt wireless
Interface Type	10/100/1000BaseT, 802.11b/g/n, Bluetooth	10/100/1000BaseTX, 802.11b/g/n
LAN Fax/Print/Scan	Info not avail	Info not avail
Networks Supported		
NetWare	Info not avail	Info not avail
Windows NT	Info not avail	Info not avail
AppleTalk	Info not avail	Info not avail
UNIX	Info not avail	Info not avail
AS/400	Info not avail	Info not avail
Other	Info not avail	Info not avail
Embedded Software Platform	N/A	Extensible Interface Platform (EIP)
POWER AND ENERGY		
Power Requirements	120 V, 12 A	110-127 V, 15 A
Energy Star Compliant	Yes	Yes
Energy Consumption		
Power Off	Info not avail	Info not avail
Power Save Mode	Info not avail	3.54W
Ready Mode	Info not avail	64W
Maximum Consumption	1500W	Info not avail

	Toshiba e-STUDIO3525AC	Xerox AltaLink C8035 with high-capacity tandem tray
Typical Electrical Consumption (TEC value)	0.38kWh	0.52kWh
Operating Noise Level	50.6 dB	63.9 dB
Dedicated Outlet	Not required	Recommended
TONER		
Mono Toner (OEM)		
Part Number	TFC425UK	006R01697
Yield (per cartridge)	39,800	26,000
Coverage (per cartridge)	5%	5%
Color Toner (OEM)		
Part Number	TFC425UC, TFC425UM, TFC425UY	006R01698, 006R01699, 006R01700
Yield (per cartridge)	38,000	15,000
Coverage (per cartridge)	5%	5%
Mono Toner (NON-OEM)		
Part Number	Not applicable	Not applicable
Yield (per cartridge)	Not applicable	Not applicable
Coverage (per cartridge)	Not applicable	Not applicable
Color Toner (NON-OEM)		
Part Number	Not applicable	Not applicable
Yield (per cartridge)	Not applicable	Not applicable
Coverage (per cartridge)	Not applicable	Not applicable

TOSHIBA

Exceptional performance, secure and sustainable

With exceptional performance and secure design M3350 delivers enhanced productivity, up to 50 ppm on letter paper and a toner yield up to 31,000 pages.

With a fast time to first print, superior print quality and easy-to-use touch screen the M3350 is designed for a long life of service.

Lexmark™ **M3350**

FEATURES AT A GLANCE

- **50 PPM B&W**
- **1200 x 1200 dpi Print Resolution**
- **550-Sheet Standard Capacity**
- **6 Seconds Time to First Print**
- **175,000 Pages Maximum Monthly Duty Cycle**
- **EPEAT® Silver and ENERGY STAR® Certified**

POPULAR OPTIONS
250 – Sheet Tray
550 – Sheet Tray
Swivel Cabinet
Adjustable Printer Stand

Lexmark™

Lexmark M3350

Exceptional performance, secure and sustainable

Works with Apple AirPrint

Unisor TONER

Lexmark M3350

With exceptional performance and secure design M3350 delivers enhanced productivity, up to 50/47 ppm* on letter/A4 paper and a toner yield up to 31,000 pages. Fast time to first print, superior print quality and easy-to-use touch screen.**

Secure by design

Lexmark expertise helps customers protect their data, their device and their network. Our security ecosystem is designed to overcome the most complex data challenges. And now we've added the Trusted Platform Module (TPM)***, which includes on-board authentication, system integrity checks, and cryptographic capabilities to create a unique digital system fingerprint. TPM meets stringent industry and US government security standards including Common Criteria and Federal Information Processing Standard (FIPS).

Proprietary technology

We own core technology across hardware, firmware, services, and solutions, creating seamless connections designed to reduce the risk of security gaps between your document, your device and your network. Our expertise is our customer's benefit.

Sustainability

With certifications in Energy Star®, Blue Angel, RoHS, EPEAT® Silver. Models are sustainable for today and beyond. Lexmark is an industry leader of recycled content with products using at least 39% PCR content and continual focus on improvement. This line is also engineered for Long Life and designed to last and reduce waste.

Intelligent Design

Every touch point is designed to withstand high usage while meeting accessibility standards. Steel frames support the device and provide durability to help ensure consistent long-term performance. Products are designed for long service life with long-life components and are easily serviced with few tools.

Manageability

These IoT-ready devices can be remotely managed, including setup, configuration, consumables management, and diagnostics. Wireless capability gives freedom of access and remote firmware updates make it easy to upgrade to the latest apps and security features. Our mobile printing app makes it easier to monitor and manage your print jobs from remote locations, all from the touch of your phone.

Ongoing professional product support

From easy installation through a lifetime of high volumes of pages, you'll find our devices easy to use and intuitive. From instructional and on-product support videos to simple color-coded guidance for maintenance tasks like changing toner, make our device experience world-class. For our managed print customers, we offer a step beyond with predictive analytics for fleet diagnostics that can help customers detect and prevent potential problems before they happen.

* Print speeds measured in accordance with ISO/IEC 24734 (ESAT). For more information see: www.lexmark.com/ISOspeeds.
** Average yield based on approximately 5% print coverage. In demonstration of circular economy principles, genuine Lexmark supplies with Unison™ Toner may contain components recovered from the Lexmark Cartridge Collection Program (LCCP). Lexmark Return Program cartridges are subject to the terms and conditions of the Lexmark Return Program. See lexmark.com/returnprogram for more information. Regular cartridges without the terms and conditions of the Lexmark Return Program are available on lexmark.com or through Lexmark Channel Partners.
*** The Trusted Platform Module (TPM) is not available in some countries.

Lexmark M3350

P/N	Hardware
38S0520	Lexmark M3350

P/N	Supplies
24B7541	Lexmark M/XM3350 31K Toner Cartridge
66S0Z00	Lexmark MS531, 631, 632, 639, MX532, 632, M/XM3350 Return Program 75K Imaging Unit

P/N	Paper Handling
38S2910	250-Sheet Tray
38S3110	550-Sheet Tray
38S3130	550-Sheet Lockable Tray

P/N	Memory Options
27X0500	500+ GB Hard Disk
57X9528	Intelligent Storage Device (ISD)

P/N	Application Solutions
57X0225	Desktop Contactless Reader
57X0235	Contactless Front Solutions Module (Primary)
57X0300	Contact Authentication Device
57X0301	Contactless Authentication Device
82S1203	IPDS License
82S1204	Bar Code License

P/N	Connectivity
1021231	Parallel Cable (10-foot)
1021294	USB Cable (2-meter)
27X0900	RS-232C Serial Interface Card
27X0901	Parallel 1284-B Interface Card
57X7040	English Keyboard Kit
SPD0001	Surge Protective Device, 110-120V

P/N	Furniture
3073173	Swivel Cabinet
35S8502	Adjustable Printer Stand

1 **Printer with 4.3-inch (10.9 cm) touch screen**
12.1 x 15.7 x 15.3 in.
307.7 x 399 x 389.4 mm

2 **250-Sheet output bin**
Dimensions included as part of base model

3 **100-Sheet multipurpose feeder**
Dimensions included as part of base model

4 **550-Sheet tray**
Dimensions included as part of base model

5 **250-Sheet Tray**
3.1 x 15.3 x 14.7 in.
78.1 x 389 x 373.7 mm

6 **550-Sheet Tray**
4.3 x 15.3 x 14.7 in.
108.2 x 389 x 373.7 mm

7 **550-Sheet Lockable Tray**
4.3 x 15.3 x 14.7 in.
108.2 x 389 x 373.7 mm

8 **Adjustable Printer Stand**
23 x 23.5 x 23.5 in.
584 x 597 x 597 mm

9 **Swivel Cabinet**
10.4 x 18.7 x 23.6 in.
263 x 476 x 600 mm

Standard

Optional

Any combination of 550-sheet and 250-sheet trays may be installed up to a total of 3 optional trays
All measurements are shown as height x width x depth. For more information about supported configurations, refer to the Printer, Option and Stand Compatibility Guide at https://publications.lexmark.com/publications/furniture_safety

Product Specifications	Lexmark M3350
Printing	
Display	Lexmark e-Task 4.3-inch color touch screen
Print Speed	Up to: Black: 50 ppm [1] (Letter)
Time to First Page	As fast as: Black: 6 seconds
Print Resolution	Black: 1200 x 1200 dpi, 1200 IQ (1200 x 600 dpi)
Memory	Standard: 1024 MB / Maximum: 1024 MB
Hard Disk	Intelligent Storage Drive available; Magnetic Hard Disk available
Recommended Monthly Page Volume	2,000 - 20,000 pages [2]
Maximum Monthly Duty Cycle	Up to: 175,000 pages per month [3]
Supplies [4]	
Laser Cartridge Yields	up to: 31,000 [5]-page Black Cartridge
Imaging Unit Estimated Yield	Up to: 75,000 pages, based on 3 average letter/A4-size pages per print job and ~ 5% coverage
Cartridge(s) Shipping with Product	5,000 [5]-page Return Program Toner Cartridge [5]
Paper Handling	
Included Paper Handling	100-Sheet Multipurpose Feeder, 250-Sheet Output Bin, 550-Sheet Input
Optional Paper Handling	550-Sheet Lockable Tray, 250-Sheet Tray, 550-Sheet Tray
Paper Input Capacity	Up to: Standard: 650 pages 20 lb or 75 gsm bond / Maximum: 2300 pages 20 lb or 75 gsm bond
Paper Output Capacity	Up to: Standard: 250 pages 20 lb or 75 gsm bond / Maximum: 250 pages 20 lb or 75 gsm bond
Media Types Supported	Paper Labels, Card Stock, Plain Paper, Envelopes, Refer to the Paper & Specialty Media Guide
Media Sizes Supported	A6, Oficio, 7 3/4 Envelope, 9 Envelope, JIS-B5, A4, Legal, A5, Hagaki Card, Letter, B5 Envelope, Statement, C5 Envelope, Executive, DL Envelope, Folio, 10 Envelope
General Information [6]	
Standard Ports	Gigabit Ethernet (10/100/1000), Front USB 2.0 Specification Hi-Speed Certified port (Type A), USB 2.0 Specification Hi-Speed Certified (Type B), 802.11b/g/n/ac + BLE
Optional Network Ports / Optional Local Ports	MarkNet N8230 Fiber Ethernet Print Server / Internal 1284-B Bidirectional Parallel, Internal RS-232C serial
Noise Level	Operating: 56 dBA (Print)
Specified Operating Environment	Temperature: 10 to 32°C (50 to 90°F) / Altitude: 0 - 2896 Meters (9,500 Feet) / Humidity: 15 to 80% Relative Humidity
Limited Warranty	See Statement of Limited Warranty: 1-Year Onsite Service, Next Business Day
Size / Weight	H x W x D: 12.1 x 15.7 x 15.3 in. / 33.4 lb.
ENERGY STAR Typical Electricity Consumption	TEC: 0.61 kilowatt-hours per week

All information is subject to change without notice. Lexmark is not liable for any errors or omissions.

[1] Print and copy speeds measured in accordance with ISO/IEC 24734 and ISO/IEC 24735 respectively (ESAT). For more information see: www.lexmark.com/ISOspeeds.
[2] "Recommended Monthly Page Volume" is a range of pages that helps customers evaluate Lexmark's product offerings based on the average number of pages customers plan to print on the device each month. Lexmark recommends that the number of pages per month be within the stated range for optimum device performance, based on factors including: supplies replacement intervals, paper loading intervals, speed, and typical customer usage. [3] "Maximum Monthly Duty Cycle" is defined as the maximum number of pages a device could deliver in a month using a multishift operation. This metric provides a comparison of robustness in relation to other Lexmark printers and MFPs. [4] Product functions only with replacement cartridges designed for use in a specific geographical region. See www.lexmark.com/regions for more details. [5] Average yield based on approximately 5% print coverage.
[6] Printers are sold subject to certain license/agreement conditions. See www.lexmark.com/printerlicense for details.

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This product includes software developed by the OpenSSL Project for use in the Open SSL Toolkit (http://www.openssl.org/).

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encompass Product Comparison Report

	Lexmark M3350	Xerox VersaLink B400N
MODEL INFORMATION		
Manufacturer	Lexmark	Xerox
Model	M3350	VersaLink B400N
Product Type	Laser Printer	Laser Printer
Product Status	Current	Discontinued
Introduction Date	04/01/2023	02/01/2017
Discontinued Date	Info not avail	Info not avail
Market Segment	Medium Workgroup Mono	Medium Workgroup Mono
OEM	Lexmark (N/A)	Fuji Xerox and Xerox (N/A)
Maximum Monthly Duty Cycle	175,000 impressions	110,000 impressions
Recommended Monthly Volume	2,000 to 20,000 impressions	12,000 impressions
MSRP/Street Price	$1,689.95 / N/A	$649.00 / $649
Dimensions (HxWxD)	12.1" x 15.7" x 15.3"	13.3" x 18.1" x 16.8"
Weight	35.4 lbs	30 lbs
Warranty	One-year	One-year
GENERAL SPECIFICATIONS		
Display Panel	4.3" color touchscreen/NA	5" color touchscreen/NA
Paper Sources (Std/Max)	2/5	2/5
Standard Paper Capacity	650 sheets	700 sheets
Paper Weights	16-lb to 32-lb bond	16-lb bond to 80-lb cover
Bypass/Paper Weights	100 sheets/16-lb to 58-lb bond	150 sheets/16-lb bond to 80-lb cover
Maximum Paper Capacity	2,300 sheets	2,350 sheets
Output Size (Minimum/Maximum)	8.5" x 14"	8.5" x 14"
System Memory (Standard/Maximum)	1 GB/1 GB	2 GB/2 GB
Duplex	Standard	None
Finisher	None	None
Color Process	N/A	N/A
Color Speed	Info not avail	Info not avail
Color Mgmt	N/A	N/A
Hard Drive	Optional 500-GB	Optional 16-GB SSD
Resident Fonts	N/A	88 PCL, 87 Adobe PostScript
Mono Speed	50 ppm	47 ppm
Configuration	Desktop	Desktop
Collation	Info not avail	Info not avail
IPP	Standard	N/A
RIP While Print	Info not avail	Info not avail
Print Management Software	N/A	Xerox CentreWare Web, Xerox Embedded Web Server, email alerts
Additional Features	Info not avail	Info not avail
PRINTER SPECIFICATIONS		
Speed	50 ppm	47 ppm
Maximum Print Area	Info not avail	Info not avail
Resolution	1200 X 600 dpi	1200 x 1200 dpi
Print Resolution	1200 x 1200 dpi	N/A
Paper Type	Letter/Legal	Letter/Legal
Std/Max Printer Memory	1 GB/1 GB	2 GB/2 GB
Standard Controller	Info not avail	Info not avail
Processor/Bits/MHz	N/A	Dual Core/INA/1.05 GHz
PDL/PCL	PCL 5/XL, PostScript, PDF, PPDS, PRESCRIBE, optional IPDS	PCL 5e/6, Adobe PostScript 3, XPS
First Page Out Time	6 sec	8 sec

	Lexmark M3350	Xerox VersaLink B400N
Maximum Output Capacity	250 sheets	250 sheets
SECURITY SPECIFICATIONS		
Network Features	Info not avail	Watermarks; N-up; booklet printing; fit to page; scaling; overlays; toner save mode; custom-size pages; opt productivity kit with 16-GB SSD provides expanded secure print and job collation as well as saved print, security certificates storage and font/form/macro storage; universal print driver
Secure Print	Standard	Standard
Security Features	IPv6; 802.1x authentication	IPv6; 802.1x authentication; 256-bit encryption; FIPS 140-2; audit log; Cisco TrustSec Identity Services Engine (ISE) integration; port filtering; opt smart card enablement kit
CONNECTIVITY		
Operating System Support	Windows XP/Server 2003/Vista/Server 2008/7/Server 2012/8/8.1/10/Server 2016/Server 2019/11/Server 2022, Mac OS 10.7+, Citrix, Linux, Novell	Windows Server 2000/Server 2003/Server 2008/7/Server 2012/8/8.1/10, Mac OS v10.9+, Citrix, Linux, UNIX
Interface Type	10/100/1000BaseT Ethernet, 802.11a/b/g/n/ac, Bluetooth Low Energy, USB 2.0, USB 2.0 (host) x 2	10/100/1000BaseT Ethernet, USB 3.0, USB (host)
Optional Interfaces	None	802.11b/g/n
POWER AND ENERGY		
Power Requirements	100-240/50-60/INA	100-127/50-60/11
Energy Star Compliant	Yes	No
Energy Consumption		
Power Off	0.1W	Info not avail
Power Save Mode	1W	4W
Ready Mode	7.7W	46W
While Printing	669W	565W
Maximum Consumption	N/A	N/A
Typical Electrical Consumption (TEC value)	0.61kWh	Info not avail
Operating Noise Level	56 dB	56 dB
Idle Noise Level	14 dB	30 dB
TONER		
Mono Toner (OEM)		
Part Number	24B7541	106R03580 (Standard), 106R03582 (High), 106R03584 (Jumbo)
Yield (per cartridge)	31,000	5,900 (Standard), 13,900 (High), 24,600 (Jumbo)
Coverage (per cartridge)	5%	5% (Standard), 5% (High), 5% (Jumbo)
Color Toner (OEM)		
Part Number	Not applicable	Not applicable
Yield (per cartridge)	Not applicable	Not applicable
Coverage (per cartridge)	Not applicable	Not applicable
Mono Toner (NON-OEM)		
Part Number	Not applicable	Not applicable
Yield (per cartridge)	Not applicable	Not applicable
Coverage (per cartridge)	Not applicable	Not applicable
Color Toner (NON-OEM)		
Part Number	Not applicable	Not applicable
Yield (per cartridge)	Not applicable	Not applicable
Coverage (per cartridge)	Not applicable	Not applicable

encompass Product Comparison Report

	Lexmark M3350	HP LaserJet Enterprise M506n
MODEL INFORMATION		
Manufacturer	Lexmark	HP
Model	M3350	LaserJet Enterprise M506n
Product Type	Laser Printer	Laser Printer
Product Status	Current	Discontinued
Introduction Date	04/01/2023	10/01/2015
Discontinued Date	Info not avail	09/01/2019
Market Segment	Medium Workgroup Mono	Medium Workgroup Mono
OEM	Lexmark (N/A)	Canon (China)
Maximum Monthly Duty Cycle	175,000 impressions	150,000 impressions
Recommended Monthly Volume	2,000 to 20,000 impressions	2,000 to 7,500 impressions
MSRP/Street Price	$1,689.95 / N/A	$649.99 / $649.99
Dimensions (HxWxD)	12.1" x 15.7" x 15.3"	11.73" x 16.46" x 14.80"
Weight	35.4 lbs	25.5 lbs
Warranty	One-year	One-year
GENERAL SPECIFICATIONS		
Display Panel	4.3" color touchscreen/NA	LCD/4 lines
Paper Sources (Std/Max)	2/5	2/5
Standard Paper Capacity	650 sheets	650 sheets
Paper Weights	16-lb to 32-lb bond	16-lb to 58-lb bond
Bypass/Paper Weights	100 sheets/16-lb to 58-lb bond	100 sheets/16-lb to 58-lb bond
Maximum Paper Capacity	2,300 sheets	2,300 sheets
Output Size (Minimum/Maximum)	8.5" x 14"	8.5" x 14"
System Memory (Standard/Maximum)	1 GB/1 GB	512 MB/1.5 GB
Duplex	Standard	None
Finisher	None	None
Color Process	N/A	N/A
Color Speed	Info not avail	Info not avail
Color Mgmt	N/A	N/A
Hard Drive	Optional 500-GB	Standard 4-GB, optional 500-GB
Resident Fonts	N/A	105 PCL, 92 PostScript, 1 Unicode; 2 Windows Vista 8
Mono Speed	50 ppm	45 ppm
Configuration	Desktop	Desktop
Collation	Info not avail	Info not avail
IPP	Standard	Standard
RIP While Print	Info not avail	Info not avail
Print Management Software	N/A	HP Web Jetadmin, HP Proxy Agent
Additional Features	Info not avail	Info not avail
PRINTER SPECIFICATIONS		
Speed	50 ppm	45 ppm
Maximum Print Area	Info not avail	Info not avail
Resolution	1200 X 600 dpi	None
Print Resolution	1200 x 1200 dpi	1200 x 1200 dpi
Paper Type	Letter/Legal	Letter/Legal
Std/Max Printer Memory	1 GB/1 GB	512 MB/1.5 GB
Standard Controller	Info not avail	Info not avail
Processor/Bits/MHz	N/A	N/A
PDL/PCL	PCL 5/XL, PostScript, PDF, PPDS, PRESCRIBE, optional IPDS	PCL 5/6, PostScript 3
First Page Out Time	6 sec	5.9 sec
Maximum Output Capacity	250 sheets	250 sheets

	Lexmark M3350	HP LaserJet Enterprise M506n
SECURITY SPECIFICATIONS		
Network Features	Info not avail	PDF direct print; print from USB; universal print driver
Secure Print	Standard	Standard
Security Features	IPv6; 802.1x authentication	Kerberos and LDAP authentication, 1,000 user PIN codes; 802.1X authentication; data security features includes secure erase and encrypted credentials; device security features include security lock slot, USB port disablement, authentication options include PIN, PIC or HP proximity cards
CONNECTIVITY		
Operating System Support	Windows XP/Server 2003/Vista/Server 2008/7/Server 2012/8/8.1/10/Server 2016/Server 2019/11/Server 2022, Mac OS 10.7+, Citrix, Linux, Novell	Windows XP/Server 2003/Vista/Server 2008/7/Server 2012/8/8.1/10, Mac OS X 10.7, 10.8, 10.9, 10.10, Citrix, Linux, UNIX
Interface Type	10/100/1000BaseT Ethernet, 802.11a/b/g/n/ac, Bluetooth Low Energy, USB 2.0, USB 2.0 (host) x 2	10/100/1000BaseTX Ethernet, USB 2.0, USB 2.0 (host) x 2
Optional Interfaces	None	802.11b/g/n
POWER AND ENERGY		
Power Requirements	100-240/50-60/INA	100-127/60/INA
Energy Star Compliant	Yes	No
Energy Consumption		
Power Off	0.1W	0.08W
Power Save Mode	1W	2.51W
Ready Mode	7.7W	13.72W
While Printing	669W	741.98W
Maximum Consumption	N/A	N/A
Typical Electrical Consumption (TEC value)	0.61kWh	1.886kWh
Operating Noise Level	56 dB	54 dB
Idle Noise Level	14 dB	24 dB
TONER		
Mono Toner (OEM)		
Part Number	24B7541	CF287A (Standard), W9017MC (Standard), CF287X (High), CF287XC (High), CF287JC (Jumbo)
Yield (per cartridge)	31,000	9,800 (Standard), 22,500 (Standard), 18,000 (High), 18,000 (High), 19,500 (Jumbo)
Coverage (per cartridge)	5%	5% (Standard), 5% (Standard), 5% (High), 5% (High), 5% (Jumbo)
Color Toner (OEM)		
Part Number	Not applicable	Not applicable
Yield (per cartridge)	Not applicable	Not applicable
Coverage (per cartridge)	Not applicable	Not applicable
Mono Toner (NON-OEM)		
Part Number	Not applicable	200896P (Standard), AHWF2871B0R (Standard)
Yield (per cartridge)	Not applicable	9,000 (Standard), 9,000 (Standard)
Coverage (per cartridge)	Not applicable	5% (Standard), 5% (Standard)
Color Toner (NON-OEM)		
Part Number	Not applicable	Not applicable
Yield (per cartridge)	Not applicable	Not applicable
Coverage (per cartridge)	Not applicable	Not applicable

TOSHIBA

Low total cost of ownership, advanced security features, and reliable business performance

The Brother HL-EX415dw is a great choice for mid to large-sized workgroups that need fast, high-quality output, a low total cost of ownership, scalable paper handling, and advanced security features.

brother HL-EX415DW

FEATURES AT A GLANCE

- **52 PPM**
- **1200 x 1200 dpi Print Resolution**
- **6.7 Seconds First Page Print**
- **620-Sheet Standard Capacity**
- **2,700 pages Maximum Input Capacity**

POPULAR OPTIONS
520-Sheet Tray
250-Sheet Tray
Tower Tray with Stabilizer
Stapler Finisher
Printer Cabinet / Stand
4-Bin Mailbox / Sorter / Stacker

HL-EX415DWVS

On-Demand Ballot Printing and Marking Solution from Brother

Election Day ballots are critical to the success of every election. As ballot printing is a high volume, short turnaround time process, it is necessary to have confidence in the capacity, reliability, and security of ballot printing devices. Brother provides secure and cost-effective on-demand ballot printing and marking technology to help you create, produce, and deliver high-quality, accurate ballots.

Benefits:

- Print as many ballots as needed with edge-to-edge printing.
- Up to 22" automatic duplex printing *(with optional extended paper tray).*
- Wi-Fi and NFC card have been physically removed to help ensure regulation compliance.
- Compatible with Windows, Linux, and iOS.

HL-EX415DWVS

Brother Workhorse Series enterprise laser printer

- Print up to 14" ballots from the standard paper tray.
- Print up to 22" via the multipurpose tray only.

VST-6000

Optional extended paper tray

- Print 17" up to 22" ballots; includes output extender.

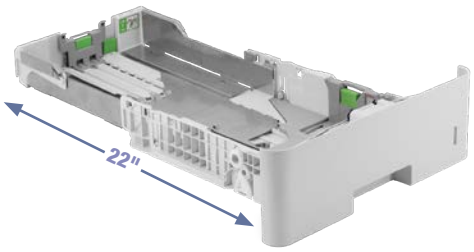

Image shown without optional VST-6000 extended paper tray and output extender.

This ballot printing and marking solution works in conjunction with select voting systems and software.

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Please contact us for more information:
www.brother-usa.com/industries/government/printers-scanners-mfps

HL-EX415DWVS

Enterprise Laser Printer for On-Demand Ballot Printing and Marking

brother at your side

Specifications:

Print	
Print Technology	Electrophotographic Laser
Print Speed (max.)[1]	Up to 52ppm
Time to First Page[2]	Less than 6.7 seconds
Print Resolution (max.)	Up to 1200 x 1200 dpi
Print Emulations	PCL6, BR-Script3[3], IBM Proprinter XL, Epson FX-850, PDF Version 1.7, XPS Version 1.0
Connectivity & Compatibility	
Standard Interfaces	Gigabit Ethernet, Hi-Speed USB 2.0
USB Host	Front: Print from USB memory stick; external card reader Back: Store secure print jobs and macros / streams; external card reader
Operating Systems Compatibility[4]	Windows 10 Home, 10 Pro, 10 Education, 10 Enterprise, 11 Home, 11 Pro, 11 Education, 11 Enterprise Windows Server 2012, 2012 R2, 2016, 2019, 2022 macOS v11, v12, v13 ChromeOS, Linux, Windows Universal Print Driver
Security	
Security Features	External Card Reader Compatibility, Active Directory, LDAP, Secure Function Lock, Enterprise Security (802.1x), Secure Print, TLS/SSL, IP Filter, IPSec, Syslog Reporting, SNMP v3, Secure BIOS, Password Intelligence, Lock Slot
Paper Handling	
Paper Input Capacity (max.)[5]	520-sheet paper tray, 100-sheet multipurpose tray
Optional Input Capacity (max.)[5]	2,700 sheets via optional tower tray
Output Capacity (max.)[5]	250 sheets (face down), 10 sheets (face up)
Optional Output Capacity (max.)[5]	1,050 sheets via optional mailbox / sorter / stacker
Paper Sizes (max.)	Paper Trays: Up to 8.5" x 14" (Legal) Multipurpose Tray: 3" - 8.5" (W) / 5" - 22" (L) Optional VST-6000 Tray: 8.5" (W) / 17" - 22" (L)
Media Types	Plain Paper, Letterhead, Colored Paper, Recycled Paper, Bond, Labels, Envelopes (up to 20)
Media Weights[6]	Standard Paper Tray: 16 to 43 lbs. Multipurpose Tray: 16 to 60 lbs.
General	
Automatic Duplex Capability	Print (default setting)
Display	3.5" Color Touchscreen
Processor	1.2 GHz
Memory (std. / max.)	1GB / 1GB; USB memory stick (optional)
Included Software[7]	Brother iPrint&Scan (desktop) for Windows and Mac®
Included Brother Value Added Services	Secure Print+, Barcode Print+, ThinPrint Client, Remote Panel, Request Help, Order Supplies
Optional Solutions	Tungsten ControlSuite, PaperCut, nddPrint, uniFLOW
Maximum Monthly Duty Cycle[8]	Up to 160,000 pages
Recommended Monthly Volume[9]	Up to 16,000 pages
Warranty	1-year limited warranty

Replacement Supplies & Optional Accessories:

TN920	Standard Yield Toner Cartridge (3,000 pages)[10]
TN920XL	High Yield Toner Cartridge (6,000 pages)[10]
TN920XL 2PK	High Yield Toner Cartridge Twin Pack (6,000 pages / cartridge)[10]
TN920XXL	Super High Yield Toner Cartridge (11,000 pages)[10]
TN920UXXL	Ultra High Yield Toner Cartridge (18,000 pages)[10]
TNE90	Max Yield Toner Cartridge (25,000 pages)[10]
DR925	Drum Unit (75,000 pages)[11]
VST-6000	Optional 520-Sheet Extended Paper Tray Plus Output Extender[5]
LT-5505	Optional 250-Sheet Capacity Paper Tray[5]
LT-6505	Optional 520-Sheet Capacity Paper Tray[5]
TT-4000	Optional Tower Tray with Stabilizer (520-sheet capacity x 4 trays)[5]
SF-4000	Optional Stapler Finisher
SR-100	Replacement Staple Cartridge (10,000 staples)
MX-4000	Optional 4-Bin Mailbox / Sorter / Stacker
CB-2000	Optional 15.7" Printer Cabinet / Stand
CH-1000	Optional Card Reader Holder

Carton Contents:

Brother HL-EX415DWVS, TNE90 Toner Cartridge (25,000 pages)[10], DR925 Drum Unit (75,000 pages)[11], AC Power Cord, USB Port Cover, Quick Setup Guide

Brother Earth

Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth.

COMPATIBLE WITH **WINDOWS**

ENERGY STAR

epeat GOLD

1 Based on one-sided printing. Change from default setting required.
2 From ready mode and standard tray.
3 PostScript®3™ compatible.
4 For the latest OS compatibility and to download drivers, visit support.brother.com. Printing via macOS requires the use of AirPrint. Mac printer drivers are not provided.
5 Maximum capacity based on using 20 lb. paper.
6 Half speed and straight paper output with more than 28 lb. paper.
7 May require free download. Compatibility may vary by device and operating system.
8 Maximum number of printed pages per month can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements.
9 The recommended range of monthly printed pages to achieve the best possible performance and printer life. Printers are intended to handle occasional usage beyond this range with little or no effect. Consistently printing above the recommended print volume, however, may adversely affect the print quality or life of the machine. It is always best to choose a printer with an appropriate recommended print volume to allow for any anticipated increase in printing needs.
10 Approximate toner cartridge yield in accordance with ISO/IEC 19752 (letter/A4).
11 Approximately 75,000 pages based on 3 pages per job and 45,000 pages based on 1 page per job (letter/A4 simplex pages). The number of pages may be affected by a variety of factors including but not limited to media type and media size.

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Our Award-Winning Lineup

Gold 2024 Stevie®

DL1024 - Duplex Linerless Thermal Printer
LEAD Beyond 2023

Bronze 2023 Stevie®

e-BRIDGE® Global Print

2023 Keypoint Intelligence Buyer's Lab Gold Rating

e-BRIDGE® Global Print

2022 Gold Merit

e-BRIDGE® Global Print

Bronze 2022 Stevie®

Best Customer Experience
eConnect TouchFree™ mobile app

The Cannata Report 2021 Frank Award

Best-in-Class

The Cannata Report 2020 Frank Award

Best Technical Service

The Cannata Report 2020 Frank Award

Best-in-Class

Supply & Demand Chain Executive 2020 Green Supply Chain Award

Keypoint Intelligence Buyers Lab Gold Rating

Toshiba Workplace Productivity Bundle

Keypoint Intelligence Buyers Lab 2021 Winter Pick Award

Outstanding A4 Color MFP for Large Workgroups

e-STUDIO™400AC

Keypoint Intelligence Buyers Lab 2021 Winter Pick Award

Outstanding A4 Color MFP for Mid-Size to Large Workgroups

e-STUDIO™330AC

Bronze 2021 Stevie®

Best Hardware Peripheral

e-STUDIO™330AC and e-STUDIO™400AC

Keypoint Intelligence Buyers Lab 2020–2021 Pacesetter Award

Logistics

Better Buys Q1 2020 Editor's Choice Award

e-STUDIO™2829A and e-STUDIO™2329AC

Better Buys Q4 2020 Editor's Choice Award

e-STUDIO™330AC/400AC series

TOSHIBA

SECURITY

SecureMFP

A holistic approach to security.

To best tackle your security vulnerabilities, Toshiba takes a unique, comprehensive approach to safeguarding your print and document environments. We look at security in your environment across three areas: product, process and people. The most important component is indeed product security because that is the hub of all your data and human interactions. Once the device is secured, we focus on understanding the processes and people who interact with the device. This allows us to advise you on not just the equipment, but also on the best security methodologies to put in place in your organization. This powerful combination ensures an end-to-end security strategy for your print environment.

Product security

Starting at the product level, we deliver an in-depth defense across five areas:

Device

Install to end-of-life

- Self-encrypting hard drive
- Firmware & BIOS whitelisting
- End-of-life automatic data erase

Access

Physical and digital access protection

- Restrict who, what, where
- Manage centrally and by role
- Monitor and audit in real-time

Document

Document lifecycle defense

- Secure document capture
- Encrypt information storage
- Secure document tracking & delivery

Cloud

Seamless and secure system

- Zero trust security model
- Built-in antimalware
- No cross-site scripting
- Modern authentication support

Fleet

Fleet-wide security administration

- Remote monitoring & management
- Protective alerts & automatic remediation
- Policy-based security management

TOSHIBA

secureMFP

Print securely and responsibly. Toshiba is protecting data and devices.

Print security is critical to every organization.

No matter the size of your company, you have confidential data and intellectual property to protect. And between ever-growing government regulations and compliance requirements, many industries find themselves with rigorous mandates to meet. As an organization and employer, it's your responsibility to keep sensitive customer and employee details secure.

From employees' personal details to customers' valuable data to your own intellectual property, your company transmits and prints an enormous amount of sensitive information that would be extremely valuable to identity thieves and competitors. The costs of a breach add up quickly across detection, notification and remediation. And the toll of lost business and brand reputation can be devastating to your organization. Remember, no company of any size or industry is immune.

Don't make the mistake of neglecting the security of your multifunction printers.

76%

of SMBs have been impacted by at least one cybersecurity attack in 2022

73%

of SMBs agree that their organization has reached a tipping point where cybersecurity concerns demand action

Don't overlook your MFP.

As one of the most shared resources in your organization, don't make the mistake of neglecting the security of your multifunction printers (MFPs). As they store and transmit business-critical information, customer records, employee files and more, this centrally located and networked resource is continuously accessed by people inside and outside your organization. That means every sensitive document you print, copy, scan and transmit could be vulnerable to an attack.

Don't let your device become compromised.

From data on hard drives to unauthorized access to unsecured transmissions to or from the device, there are several points of vulnerability in your print and document environment that need protecting. For instance, networked printers can become hacker gateways making unencrypted data easily accessible. From there, sensitive information can be digitally shared with unknown sources and become physically available to anyone. It's more important than ever to make sure you're protected at every level.

Our holistic approach to security.

To best tackle your security vulnerabilities, Toshiba takes a unique, comprehensive approach to safeguarding your print and document environments. We look at security in your environment across three areas: product, process and people. The most important component is indeed product security because that is the hub of all your data and human interactions. Once the device is secured, we focus on understanding the processes and people who interact with the device. This allows us to advise you on not just the equipment, but also on the best security methodologies to put in place in your organization. This powerful combination ensures an end-to-end security strategy for your print environment.

Product Security

Starting at the product level, we deliver an in-depth defense across five areas:

1. Install to end-of-life device security
2. Physical & digital access protection
3. Document lifecycle defense
4. Cloud security
5. Fleet-wide security administration

Device Security

All devices have a definitive lifecycle, from installation to operation to end-of-life. At Toshiba, we want to ensure their protection is as easy as possible across the entire life of the device. For example, upon installation, we follow strict password rules that make it compliant with the most rigorous IoT laws. Our High Security Mode allows you to automatically set over 70 configurable features to the highest security level; therefore, ensuring high security has never been easier. After setup, we protect your day-to-day operations with tamper-proof layers of software and hardware. We restrict and verify the applications, firmware and operating system so your software is continuously secure. We also protect the hardware by securing the BIOS and utilizing a self-encrypting hard drive with proprietary wipe technology. Our built-in Trusted Platform Module (TPM 2.0) adds another layer of hardware-based security in zero-trust environments. Lastly, Toshiba's well-documented end-of-life policy ensures our MFPs go through a formal data-wipe process, so no data remains on the device when it leaves your facility.

Access Security

The secret to access security is making sure the right people have access to the right data as well as the right device capabilities. Toshiba achieves this by restricting, managing and monitoring access. Our multi-factor authentication along with roles based access control features ensure that only authorized individuals or sites can access the device physically or digitally; you can even limit access at the feature-level so your security policies can be very granular and customized. Along with restrictions comes the task of managing those boundaries. Toshiba makes it easy with authorizations that can be managed from a centralized active directory so you can apply consistent role-based security rules across the board. And lastly, we offer comprehensive monitoring through steps such as activity logs, real-time notifications and shareable alerts. Toshiba devices also support biometric authentication which adds another layer of access security.

Document Security

The idea of a lifecycle not only applies to the MFP, but also to the sensitive documents it handles. At Toshiba, proper document security starts with the capture phase where we employ built-in security for all input sources, including computer, email, web/cloud and USB on the MFP. Once the documents are in the device, we ensure that documents are safely stored in the hard drive with multilevel encryption and protected policies. To guarantee a secure release from your devices, you have multiple methods to take into consideration. Printing, copying, scanning and faxing each have their own security risks, and Toshiba has many tools, restrictions, verifications and more to ensure you and your company are covered no matter the output method. Our recently launched secure print solution (e-BRIDGE® Global Print) further helps release their print jobs on-demand thus securing sensitive documents.

Cloud Security

Cloud technologies and services are prevalent in almost all workplaces today. With hybrid work environments, the print devices may be located at a home office or may need to be accessed anytime and from anywhere. Hence, it's even more important that the MFP is protected against any threats originating inside or outside of the organizations network. Toshiba MFPs have several built-in security features to protect from cyber threats. Some of these include hardware root-of-trust via TPM 2.0, identity and access management (IAM) via OAUTH 2.0, integration with leading identity providers such as Microsoft® and Google™, and built-in anti-malware. These features combined with latest data encryption protocols make Toshiba devices ideal for hybrid workforce.

Finally, safeguarding the privacy and security of customer data has never been more vital. That's why we ensure all communication between the MFP and our cloud server uses the most up-to-date security protocols and encryption, along with cloud hosting provided by Microsoft® Azure® or Amazon Web Services® (AWS®), where security is inherently built in. Additionally, our cloud infrastructure is compliant with ISO/IEC 27001 (Information Security Management) & ISO/IEC 27017/27018 (Cloud Service Security) to ensure your data is properly protected. With Toshiba, you can rest assured knowing your business is safe in the new workplace.

Fleet-Wide Security

Whether you are an SMB with two devices, or an enterprise with hundreds, security is an important consideration, and we know you want to be able to set, apply and manage security policies with ease and consistency across your organization. Our Elevate Sky® suite of services manages your fleet security concerns with a cloud-based application that supports the centralized and remote monitoring and management of security policies on all Toshiba's MFPs. With Toshiba Elevate Sky® suite of services, you gain visibility, accountability and peace of mind.

To learn more about Toshiba's SecureMFP Program, visit business.toshiba.com

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Inv. Code: 22366 Security Brochure 5/24

TOSHIBA

GUARANTEE

Committed to the highest quality.

The Toshiba Quality Commitment is our guarantee that you're getting the utmost in advanced technology, dependability, service and support. Toshiba stands squarely behind our promise with the assurance of complete satisfaction. Everything we do contributes to that goal—from setting the industry standard for research and development, to providing timely access to Toshiba support personnel. Look around. Toshiba sets the standard, with quality guaranteed.

Free replacement

If your Toshiba manufactured copier, facsimile, printer, thermal barcode printer or its accessories do not operate within Toshiba's product specifications during the term of this program, and if the equipment cannot be repaired to perform within product specifications, Toshiba will replace the copier, facsimile, printer, thermal barcode printer or accessory at no charge with a model of equal or better features and specifications.

Free loaner

If your Toshiba manufactured copier, facsimile, printer or thermal barcode printer is out-of-service more than two (2) consecutive business days after notifying your Authorized Toshiba Servicing Dealer or requires off-site service, a loaner copier, facsimile, printer or thermal barcode printer will be provided by the Authorized Toshiba Servicing Dealer at no additional charge.

Term of program

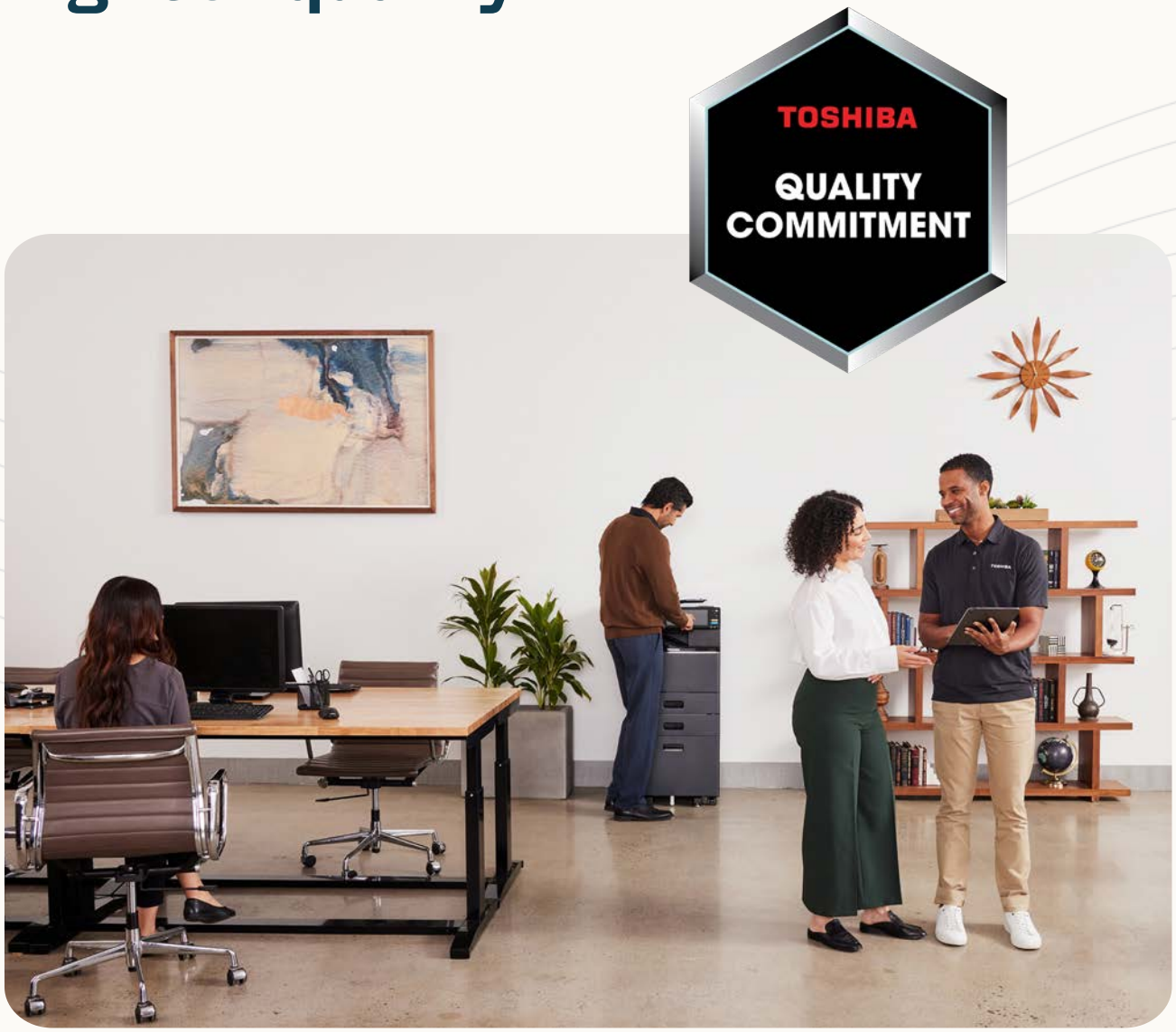
The term of this program is:

a) for purchased equipment, three years from equipment installation date or maximum number of copies as stated in the product specifications, whichever occurs first; or

b) for leased or rental equipment, three years or the length of the original lease starting from the equipment installation date, whichever is longer.

TOSHIBA

Committed to the highest quality.



Toshiba's Quality Commitment Guarantee

The Toshiba Quality Commitment is our guarantee that you're getting the utmost in advanced technology, dependability, service and support. Toshiba stands squarely behind our promise with the assurance of complete satisfaction. Everything we do contributes to that goal—from setting the industry standard for research and development, to providing timely access to Toshiba support personnel. Look around. Toshiba sets the standard, with quality guaranteed.

Toshiba's reliability known all over the world.

$50 Billion Strong
You have the confidence of a guarantee backed by the powerful resources of Toshiba Corporation. Fortune's Global 500 issue ranks Toshiba among the top largest companies in the world.

Award-Winning Products & Service
Toshiba has received over 100 awards from Keypoint Intelligence, Office Products Analyst and Better Buys for Business, confirming our commitment to quality.

ISO 14001 Certified Manufacturing Facilities
Quality – it's always our top priority. Toshiba strives to receive the highest level of certification possible.

Manufacturer of the Year
Named the most favored manufacturer 14 times by the Business Technology Association (BTA). And named copier manufacturer of the year nine times by Marketing Research Consultants, Inc.

Six Sigma
Toshiba uses Six Sigma methodology to ensure the highest product quality, increased customer satisfaction and faster reaction to changing markets.

Research & Development
Toshiba Tec Corporation's expenditures are over 5% of its annual revenue.

Technical Support
Toshiba products are backed by a nationwide network of factory-trained and certified community-based personnel.

No fine print. No strings attached.

The Toshiba Quality Commitment is the guarantee you will probably never have to use. We demand unparalleled performance from our products. So, it follows that we offer you the same in our guarantee. Read it and see for yourself. There's no small print...no disclaimers. Just our commitment to deliver the quality you've come to expect from one of the industry's most highly acclaimed leader in copiers, printers and thermal barcode printers. Toshiba...quality guaranteed.

Here's how the guarantee works:

Free replacement

If your new Toshiba-manufactured copier, facsimile, printer, thermal barcode printer or its accessories do not operate within Toshiba's product specifications during the term of this program, and if the equipment cannot be repaired to perform within product specifications, Toshiba will replace the copier, facsimile, printer, thermal barcode printer or accessory at no charge with a model of equal or better features and specifications.

Free loaner

If your new Toshiba manufactured copier, facsimile, printer or thermal barcode printer is out-of-service more than two (2) consecutive business days after notifying your Authorized Toshiba Servicing Dealer or requires off-site service, a loaner copier, facsimile, printer or thermal barcode printer will be provided by the Authorized Toshiba Servicing Dealer at no additional charge.

Term of program

The term of this program is: a) for new purchased equipment, three years from equipment installation date or maximum number of copies as stated in the product specifications, whichever occurs first; or b) for new leased or rental equipment, three years or the length of the original lease starting from the equipment installation date, whichever is longer.

Terms & Conditions

This program applies only to new Toshiba-manufactured copier, facsimile, printer, thermal barcode printer, equipment and/or accessories acquired by customers from Toshiba America Business Solutions or an Authorized Toshiba Dealer on or after April 1, 2004, on condition that the equipment: a) was continuously maintained under a full service maintenance agreement provided by an Authorized Toshiba Dealer; and b) only genuine Toshiba parts and consumable supplies are used in the maintenance and operation of the equipment. This program is non-transferable. Equipment damaged or destroyed because of customer's negligence, misuse or abuse, improper electrical power or an act of God are not covered under this program. If an Authorized Toshiba Servicing Dealer is not available to fulfill the terms of this program, TABS will resolve any program issues within a reasonable period of time.

No modification or extension of this program is effective unless it is in writing and signed by the Vice President and General Manager, Electronic Imaging Division.

First, notify your Authorized Toshiba Servicing Dealer of the problem. If your Toshiba-manufactured copier, facsimile, printer, thermal barcode printer or its accessories do not operate within TABS' product specifications during the term of this program, and if the equipment cannot be repaired to perform within product specifications, send a certified letter documenting your problem and a copy of the dated sales receipt to:

TOSHIBA AMERICA BUSINESS SOLUTIONS, INC., Electronic Imaging Division, Director of Field Service,
25530 Commercentre Drive, Lake Forest, CA 92630

TOSHIBA
QUALITY COMMITMENT

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Inv. Code 22417 TQC Brochure 02/24

TOSHIBA

OTHER THINGS WE DO:

SOFTWARE SOLUTIONS

GREEN INITIATIVES

SOCIAL RESPONSIBILITY

AFTERMARKET SUPPLIES

DIGITAL SIGNAGE

Business solutions for here, there, everywhere.

We provide everything you need to create a holistic work environment that evolves with you, no matter where the job takes you.

Toshiba America Business Solutions, Inc. (TABS)

TABS is an independent operating company of Toshiba Tec Corporation, one of the largest integrated electronics and electrical equipment companies in the world with more than 140,000 employees globally and annual sales surpassing $37 billion. TABS is a leading managed print and content solutions provider with experts that help organizations print smarter, improve workflow and communicate better.

Our current and future commitment is to continue to improve and enhance the functionality and capabilities of our digital imaging products and content solutions. Toshiba invests more than 6% of its annual revenue to Research & Development, and deploys a network of R&D centers around the world. In an average year, we're awarded more than 5,000 patents, many of which find their way either directly or indirectly into our multifunction office solutions products.

Our Vision

Empowering people, innovation and information.

Our Mission

We empower personalized print and digital services and solutions to help clients seamlessly create and integrate information in order to optimize productivity and communication.

TOSHIBA

MAKING A GREENER WORLD, ONE USED CARTRIDGE AT A TIME

Toshiba's EcoSmart Toner Recycling Program is part of our commitment to the environment and to our customers. Toshiba customers can recycle Toshiba spent imaging supplies and turn a growing problem into an innovative solution.

TOSHIBA'S ECOSMART TONER RECYCLING PROGRAM

- An easy-to-use recycling program for Toshiba customers.
- Just drop your used Toshiba waste consumables into the provided receptacle and we do the rest. It's that easy!
- Allows for 100% recycling of Toshiba brand imaging consumables.
- All cartridges are recycled with zero waste going to landfills.
- Reduces the negative impact on our environment.
- Turns your old Toshiba cartridges into new useful materials.

GOING GREEN HAS NEVER BEEN EASIER

With our collection program, you can recycle Toshiba toner cartridges, drum units and toner bags in order to eliminate the negative impact such waste materials typically have on our environment.

TURN EMPTY TOSHIBA TONER CARTRIDGES INTO A NEW PARK BENCH

If you were to take all the used cartridges discarded each year in the U.S. and place them end to end, they'd circle the earth three times. Used Toshiba imaging consumables are collected and turned into other useful products—all with zero waste to landfill and zero incineration. Our revolutionary eLumber made from 100% recycled plastics. It saves trees while preventing the type of landfill that normally requires 450 years to decay. And because eLumber is UV retardant, waterproof and insect-proof, it's ideal for fences, various landscaping applications, and outdoor furniture.

PITCH IN

As part of this environmentally-savvy program, you can turn all your Toshiba imaging product waste materials into something productive, including the recycling of Toshiba toner cartridges, toner bags, drum units, and more.

1. **We provide the recyclable collection boxes.**
2. **You discard the waste materials.**
3. **When it's full, it's picked up.**

It's an easy way to help save our environment while demonstrating your company's dedication to do so. Instead of allowing difficult-to-process mixed plastics, toner powders, inks, and sponges to pollute the earth and contribute to a growing problem, together we can take part in an effective solution. Here at Toshiba, we realize that while it's important to be environmentally responsible within our own company, we can do even more by helping our customers pitch in, too.

Contact your Toshiba Authorized Dealer or visit business.toshiba.com to learn more

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Inv. Code 22354 EcoSmart Toner Recycle Program 3K PG 12/18

ecosmart

Corporate Social Responsibility

At Toshiba, we believe our slogan “Committed to People, Committed to the Future” to be an integral part of our corporate ethos.

Toshiba is not just about manufacturing and selling products and services. Rather, we continually demonstrate our commitment to people and the future through contributions, charitable sponsorships, employee volunteer programs, fundraisers and other worthwhile endeavors that allow us to give back to the communities that have helped us grow and succeed.

Community charitable support

To help enhance the quality of life for people in communities where we do business, Toshiba implements a wide variety of corporate initiatives like helping build Habitat for Humanity homes, hosting blood drives, collecting warm clothing and sponsoring community fundraisers and events that raise money for charitable organizations.

Worldwide relief efforts

Following devastating weather-related events around the globe, Toshiba and its dedicated employees have made technology and monetary donations to emergency aid organizations to help with recovery and clean up.

Sustainability

We believe that the earth is an irreplaceable asset and that it is the duty of humankind to hand it over to future generations as we found it, if not in better condition. For these reasons, Toshiba promotes the three R’s (Reduce, Re-Use, Recycle) throughout our manufacturing and business processes, including green procurement, recycling programs and creating efficient EPA ENERGY STAR® compliant products with the lowest possible environmental impact.

TOSHIBA

TOSHIBA

Toshiba Aftermarket Sales Team

Who we are:

As part of our business commitment, complete satisfaction with your Toshiba system is our highest priority. Our team is happy to assist with any print consumables and office equipment.

In addition to our full line of Toshiba hardware, plus Lexmark, Brother, and HP printers, we carry a full line of scanners, shredders, laptops, and barcode printers. We would be happy to introduce you to these products if they are of interest to you.

How we help you:

We can offer the convenience of a "one stop shop" solution for clients who prefer to purchase additional supplies through a single vendor.

What we sell:

- Toner: Specializing in compatible toner for laser prints at competitive pricing
- Wide format supplies: Ink, toner, roll papers, and various print media
- Hardware: Small individual laser and ink printers with access to rebates not found elsewhere
- Thermal printer supplies: All consumables for most major brands in the industry
- PrintSmart Program: Comprehensive managed print solution without the burden of submitting meters or changing your fleet
- Misc. office technology: Webcams, computer accessories, headsets, AV products, etc.

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business.toshiba.com

TOSHIBA

Digital Signage Services

Toshiba provides multiple solutions to engage, entertain and educate with indoor and outdoor digital signage and interactive client experiences.

- Wayfinding
- Upsell
- Cross-sell
- XSellRate
- Endless aisle
- Line control
- Media galleries
- Survey & voting

From building memorable experiences that amplify your brand to keeping content strong and organized, we'll help you accomplish it all.

Digital menu boards
Refresh the ordering experience with a network of displays available as either a cloud-based or locally managed solution.

Content design
Our team designs solutions around your needs, not around our product line. We consider your audience, marketing objectives budget and timelines, and then offer solutions tailored to your needs.

Solution architecture
Starting with a physical site assessment, and considering factors such as environment, application, budget and network access, our professional services consultants will design a rock-solid solution that allows your message to shine brightly.

Media management
Toshiba content designers work with clients to help amplify their brand image through engaging and eye-catching experiences. Services include hosting and managing client content across their entire signage network.

Implementation
From a single screen to a national network of thousands, Toshiba provides everything you need to implement a successful digital signage solution.

Installation & service
Nationwide installation and service coverage is custom-configured to suit the needs of your business.

Training
Toshiba's certified training team provides live training for hardware, content management systems and interactive solutions.

Project management
The Toshiba Project Management Office (PMO) manages the entire rollout process from beginning to end and provides all of the services and support required to develop and implement a cohesive digital signage network from a single location to a global implementation.

TOSHIBA DESKTOP COMPARISON WITH SHARP DESKTOP

	A	B	C
1		Lexmark M3350	Sharp MX-B468P
2	**MODEL INFORMATION**		
3	Manufacturer	Lexmark	Sharp
4	Model	M3350	MX-B468P
5	Product Type	Laser Printer	Laser Printer
6	Product Status	Current	New
7	Introduction Date	04/01/2023	06/01/2024
8	Discontinued Date	Info not avail	Info not avail
9	Market Segment	Medium Workgroup Mono	Medium Workgroup Mono
10	OEM	Lexmark (N/A)	N/A
11	Maximum Monthly Duty Cycle	175,000 impressions	120,000 impressions
12	Recommended Monthly Volume	2,000 to 20,000 impressions	N/A
13	MSRP/Street Price	$1,689.95 / N/A	$1,399.00
14	Dimensions (HxWxD)	12.1" x 15.7" x 15.3"	10.4" x 15.7" x 15.3"
15	Weight	35.4 lbs	29.8 lbs
16	Warranty	One-year	Info not avail
17	**GENERAL SPECIFICATIONS**		
18	Display Panel	4.3" color touchscreen/NA	2.8" color touchscreen/NA
19	Paper Sources (Std/Max)	2/5	2/5
20	Standard Paper Capacity	650 sheets	350 sheets
21	Paper Weights	16-lb to 32-lb bond	16-lb to 32-lb bond
22	Bypass/Paper Weights	100 sheets/16-lb to 58-lb bond	100 sheets/16-lb bond to 58-lb cover
23	Maximum Paper Capacity	2,300 sheets	2,000 sheets
24	Output Size (Minimum/Maximum)	8.5" x 14"	8.5" x 14"
25	System Memory (Standard/Maximum)	1 GB/1 GB	512 MB/512 MB
26	Duplex	Standard	Standard
27	Finisher	None	None
28	Color Process	N/A	N/A
29	Color Speed	Info not avail	Info not avail
30	Color Mgmt	N/A	N/A
31	Hard Drive	Optional 500-GB	N/A
32	Mono Speed	50 ppm	46 ppm
33	Configuration	Desktop	Desktop
34	Collation	Info not avail	Info not avail
35	IPP	Standard	Standard
36	RIP While Print	Info not avail	Info not avail
37	Print Management Software	N/A	Sharp Remote Device Manager
38	Additional Features	Info not avail	Optional 550-sheet x 3 paper drawers or 250-sheet x 3 paper drawers
39	**PRINTER SPECIFICATIONS**		
40	Speed	50 ppm	46 ppm
41	Maximum Print Area	Info not avail	Info not avail
42	Print Resolution	1200 x 1200 dpi	1200 x 1200 dpi
43	Paper Type	Letter/Legal	Letter/Legal
44	Std/Max Printer Memory	1 GB/1 GB	512 MB/512 MB
45	Standard Controller	Info not avail	Info not avail
46	Processor/Bits/MHz	N/A	N/A
47	PDL/PCL	PCL 5/XL, PostScript, PDF, PPDS, PRESCRIBE, optional IPDS	PCL 6, PostScript 3
48	First Page Out Time	6 sec	6 sec
49	Maximum Output Capacity	250 sheets	150 sheets
50	**SECURITY SPECIFICATIONS**		
51	Network Features	Info not avail	Info not avail
52	Secure Print	Standard	N/A
53	Security Features	IPv6; 802.1x authentication	Info not avail
54	**CONNECTIVITY**		
55	Operating System Support	Windows XP/Server 2003/Vista/Server 2008/7/Server 2012/8/8.1/10/Server 2016/Server 2019/11/Server 2022, Mac OS	Windows Server 2012/8.1/10/Server 2016/Server 2019/11/Server 2022, Mac OS 10.10-11, Linux
56	Interface Type	10/100/1000BaseT Ethernet, 802.11a/b/g/n/ac, Bluetooth Low Energy, USB	10/100/1000BaseTX Ethernet, USB 2.0, USB 2.0 (host)
57	Optional Interfaces	None	802.11 a/b/g/n/ac

Prepared utilizing independent industry data (toner data excluded)

	A	B	C
58	**POWER AND ENERGY**		
59	Power Requirements	100-240/50-60/INA	100-127/50-60/INA
60	Energy Star Compliant	Yes	Yes

Toshiba Mid Volume vs. Sharp Mid Volume

	A	B	C	D
1		Toshiba e-STUDIO3525AC	Sharp BP-70C31	Sharp BP-70C36
2	**MODEL INFORMATION**			
3	Manufacturer	Toshiba	Sharp	Sharp
4	Model	e-STUDIO3525AC	BP-70C31	BP-70C36
5	Product Type	Full-color printer, MF	Full-color copier, MF	Full-color copier, MF
6	Product Status	Current	Current	Current
7	Introduction Date	06/01/2022	04/01/2022	04/01/2022
8	Market Segment	3	3	3
9	OEM	Toshiba (China)	Sharp (Info not avail)	Sharp (Info not avail)
10	Maximum Monthly Duty Cycle	210,000 black/105,000 color impressions	125,000 impressions	150,000 impressions
11	MSRP/Street Price	$24,639.00 / None	$14,285.00 / None	$17,325.00 / None
12	Dimensions (HxWxD)	31" x 23" x 25.2"	33" x 24" x 26"	33" x 24" x 26"
13	Weight	169 lbs	187 lbs	187 lbs
14	**GENERAL SPECIFICATIONS**			
15	Control Panel	10.1" color touchscreen	10.1" color touchscreen	10.1" color touchscreen
16	Copy Speed (Ltr/Lgl/Ldgr)	35 cpm color/35 cpm black	31 cpm color/31 cpm black	36 cpm color/36 cpm black
17	First Copy Out Time	7.8 sec color/5.9 sec black	7.6 sec color/5.6 sec black	6.5 sec color/5.6 sec black
18	Warm-up Time	20 sec	18 sec	18 sec
19	Paper Sources (Std/Max)	Dual drawer	Single drawer	Single drawer
20	Standard Paper Capacity	550/550 sheets	550 sheets	550 sheets
21	Paper Weights	16-lb bond to 110-lb cover	18-lb bond to 110-lb cover	18-lb bond to 110-lb cover
22	Bypass/Paper Weights	100-sheet / 14-lb bond to 110-lb cover	100-sheet / 13-lb bond to 110-lb cover	100-sheet / 13-lb bond to 110-lb cover
23	Maximum Paper Sources	6	6	6
24	Maximum Original Size	12 x 18	11 x 17	11 x 17
25	Output Size	3.9 x 5.8 / 12 x 18	5-1/2 x 8-1/2 / 12 x 18	5-1/2 x 8-1/2 / 12 x 18
26	Copy Resolution	600 x 600 dpi	600 x 600 dpi	600 x 600 dpi
27	System Memory	4-GB RAM, 128-GB SSD / 4-GB RAM, 640-	5-GB RAM, 256-GB SSD / 5-GB RAM,	5-GB RAM, 256-GB SSD / 5-GB RAM,
28	Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)
29	Duplex Capacity/Paper Sizes	Info not avail / N/A Info not avail	Info not avail / 5-1/2 x 8-1/2 to 12 x 18	Info not avail / 5-1/2 x 8-1/2 to 12 x 18
30	Document Feeder	Opt RADF and DSPF	Std DSPF	Std DSPF
31	Document Feeder Capacity	300 orig	300 orig	300 orig
32	Paper Weights	9.3 to 41.8 lbs, 9.3 to 110 lbs	N/A	N/A
33	Finisher	Opt finishers	Opt finishers	Opt finishers
34	Tray/Stapling/Position(s)	3,000, 250, 2,000, 250, 500, 100 / 65, 65, 50	500, 1,000, 1,000, 3,000, 3,000 / 50, 50,	500, 1,000, 1,000, 3,000, 3,000 / 50, 50,
35	Hard Drive	4-GB RAM, 128-GB SSD / 4-GB RAM, 640-	5-GB RAM, 256-GB SSD / 5-GB RAM,	5-GB RAM, 256-GB SSD / 5-GB RAM,
36	**MULTIFUNCTION FEATURES**			
37	Copier	Std	Std	Std
38	Printer			
39	Standalone Printer	Std	Std	Std
40	Network Printer	Std	Std	Std
41	Scanner	Std	Std	Std
42	**PRINTER SPECIFICATIONS**			
43	Speed	35 ppm color/35 ppm black	31 ppm color/31 ppm black	36 ppm color/36 ppm black
44	Maximum Print Area	Info not avail	Info not avail	Info not avail
45	Print Resolution	1200 x 1200 dpi	1200 x 1200 dpi	1200 x 1200 dpi
46	Paper Type	3.9 x 5.8 / 12 x 47.24 banner paper	5-1/2 x 8-1/2 / 12 x 18	5-1/2 x 8-1/2 / 12 x 18
47	Std/Max Printer Memory	Info not avail	Info not avail	Info not avail
48	Standard Controller	Toshiba e-BRIDGE Next	Sharp N/A	Sharp N/A
49	Processor/Bits/MHz	Intel E3930 Dual Core / N/A / 1.3 GHz	Intel / N/A / 1.6 GHz	Intel / N/A / 1.6 GHz
50	PDL/PCL	PCL 5e/c/6/XL, PDF, PostScript 3, XPS	PCL 6, Adobe PostScript 3	PCL 6, Adobe PostScript 3
51	**SCANNER SPECIFICATIONS**			
52	Connection Type	Info not avail	Info not avail	Info not avail
53	Technology/Speed	dual scans 240 ipm	N/A	N/A
54	Maximum Resolution	600 x 600 dpi	600 x 600 dpi	600 x 600 dpi
55	TWAIN Compatible	Yes	N/A	N/A
56	Scan Destinations			
57	E-mail	N/A	Yes	Yes
58	I-fax	Yes	Yes	Yes
59	FTP	Yes	Yes	Yes
60	SMB	Yes	Yes	Yes
61	HDD	Yes	Yes	Yes
62	URL	Yes	No	No
63	LDAP Support	Yes	Yes	Yes
64	File Formats	DOCX, JPEG, PDF, compact PDF, searchable PDF, Slim PDF, PPTX, TIFF,	DOCX, JPEG, PDF, PDF/A, compact PDF, encrypted PDF, searchable PDF,	DOCX, JPEG, PDF, PDF/A, compact PDF, encrypted PDF, searchable PDF,
65	Scanner Features	Scan to Word/Excel to edit		
66	**SECURITY SPECIFICATIONS**			

Prepared utilizing independent industry data (toner data excluded)

	A	B	C	D
67	Network User Authentication	Yes	Yes	Yes
68	IP Address Filtering	Yes	Yes	Yes
69	MAC Address Filtering	Yes	Yes	Yes
70	HDD Overwrite	Std	Std	Std
71	Number of Overwrites	N/A	Info not avail	Info not avail
72	HDD Encryption	Std	Std	Std
73	Encrypted Secure Print	Yes	Yes	Yes
74	Encrypted PDF Mode	Std	Yes	Yes
75	IPsec	Yes	Yes	Yes
76	Secure Sockets Layer (SSL)	Yes	Yes	Yes
77	SNMPv3	Yes	Yes	Yes
78	Transport Layer Security (TLS)	Yes	Yes	Yes
79	Secure Print	Yes	Yes	Yes
80	**CONNECTIVITY**			
81	Operating System Support	Win Server 2012, 8.1, 10, Server 2016, Server 2019, 11, Server 2022, Mac OS X	Win Server 2012, 8.1, 10, Server 2016, Server 2019, 11, Mac OS 10.10-12,	Win Server 2012, 8.1, 10, Server 2016, Server 2019, 11, Mac OS 10.10-12,
82	USB Interface	Std 2.0, std 2.0 (host)	Std 2.0, std 2.0 (host), std 3.0 (host) x 2	Std 2.0, std 2.0 (host), std 3.0 (host) x 2
83	PC Fax/Print/Scan	Info not avail	Info not avail	Info not avail
84	Network Interface	Std Ethernet, opt wireless	Std Ethernet, std wireless	Std Ethernet, std wireless
85	Interface Type	10/100/1000BaseT, 802.11b/g/n, Bluetooth	10/100/1000BaseTX, 802.11a/b/g/n/ac	10/100/1000BaseTX, 802.11a/b/g/n/ac
86	**POWER AND ENERGY**			
87	Power Requirements	120 V, 12 A	110-127 V,60 Hz, 15 A	110-127 V,60 Hz, 15 A
88	Energy Star Compliant	Yes	Yes	Yes
89	Dedicated Outlet	Not required	Recommended	Recommended

Toshiba High Volume vs. Sharp (90 ppm vs 55 ppm)

	A	B	C
1		Toshiba e-STUDIO9029A	Sharp BP-70M55
2	**MODEL INFORMATION**		
3	Manufacturer	Toshiba	Sharp
4	Model	e-STUDIO9029A	BP-70M55
5	Product Type	Monochrome printer, MF	Monochrome copier, MF
6	Product Status	Current	Current
7	Introduction Date	03/01/2023	10/01/2022
8	Discontinued Date	Info not avail	Info not avail
9	Market Segment	5	4
10	OEM	Toshiba (Malaysia)	Sharp (Info not avail)
11	Maximum Monthly Duty Cycle	740,000 impressions	250,000 impressions
12	Recommended Monthly Volume	44,600 impressions	N/A
13	MSRP/Street Price	$51,369.00 / None	$14,760.00 / None
14	Dimensions (HxWxD)	48.3" x 37.6" x 27.5"	34" x 24" x 26"
15	Weight	430 lbs	157 lbs
16	**GENERAL SPECIFICATIONS**		
17	Control Panel	10.1" color touchscreen	10.1" color touchscreen
18	Copy Speed (Ltr/Lgl/Ldgr)	90 cpm	55 cpm / N/A / N/A
19	First Copy Out Time	4.1 sec	3.5 sec
20	Paper Sources (Std/Max)	Triple drawer	Single drawer
21	Standard Paper Capacity	540/540/2,320 sheets	550 sheets
22	Bypass/Paper Weights	120-sheet / 16-lb bond to 110-lb cover	100-sheet / 13-lb bond to 110-lb cover
23	Maximum Paper Sources	6	6
24	Maximum Paper Capacity	8,020 sheets	6,300 sheets
25	Maximum Original Size	12 x 18	11 x 17
26	Output Size (Minimum/Maximum)	3.9 x 5.8 / 13 x 19	5-1/2 x 8-1/2 / 12 x 18
27	System Memory (Standard/Maximum)	6-GB RAM, 128-GB SSD / 6-GB RAM, 128-GB SSD	5-GB RAM, 256-GB SDD / 5-GB RAM, 512-
28	Duplex	Auto (1:2,2:2,2:1)	Auto (1:2,2:2,2:1)
29	Duplex Capacity/Paper Sizes	Info not avail / 5-1/2 x 8-1/2 to 11 x 17	Info not avail / 5-1/2 x 8-1/2 to 11 x 17
30	Document Feeder	Std DSPF	Std DSPF
31	Document Feeder Capacity	300 orig	300 orig
32	Paper Weights	9.3 to 110 lbs	N/A
33	Finisher	Opt finishers	Opt finishers
34	Tray/Stapling/Position(s)	3,000, 250, 3,000, 250 / 65 / 3	500, 1,000, 1,000, 3,000, 3,000 / 50, 50, 50,
35	Hard Drive	6-GB RAM, 128-GB SSD / 6-GB RAM, 128-GB SSD	5-GB RAM, 256-GB SDD / 5-GB RAM, 512-
36	**MULTIFUNCTION FEATURES**		
37	Copier	Std	Std
38	Printer		
39	Standalone Printer	Std	Std
40	Network Printer	Std	Std
41	Scanner	Std	Std
42	Fax	Opt	Opt
43	Internet Fax	Opt	Opt
44	Network Fax	Opt	N/A
45	PC Fax	Opt	N/A
46	**PRINTER SPECIFICATIONS**		
47	Speed	90 ppm	55 ppm
48	Maximum Print Area	Info not avail	Info not avail
49	Print Resolution	1200 x 1200 dpi	1200 x 1200 dpi
50	Paper Type	3.9 x 5.8 / 13 x 19	5-1/2 x 8-1/2 / 12 x 18
51	Std/Max Printer Memory	Info not avail	Info not avail
52	Standard Controller	Toshiba e-BRIDGE Next	Sharp N/A
53	Processor/Bits/MHz	Intel E3930 Dual Core / N/A / 1.3 GHz	N/A / N/A / 1.6 GHz
54	PDL/PCL	PCL 5e/c/6/XL, PostScript 3, PDF, XPS	PCL 6, Adobe PostScript 3
55	Optional Controller 1	N/A	N/A
56	Processor/Bits/MHz	N/A	N/A
57	PDL/PCL	N/A	N/A
58	Optional Controller 2	N/A	N/A
59	Processor/Bits/MHz	N/A	N/A
60	PDL/PCL	N/A	N/A
61	**SCANNER SPECIFICATIONS**		
62	Connection Type	Info not avail	Info not avail
63	Technology/Speed	N/A / 120 ipm color, 120 ipm black	N/A
64	Maximum Resolution	600 x 600 dpi	600 x 600 dpi
65	TWAIN Compatible	N/A	N/A

Prepared utilizing independent industry data (toner data excluded)

	A	B	C
66	Scan Destinations		
67	E-mail	N/A	Yes
68	I-fax	N/A	Yes
69	FTP	Yes	Yes
70	SMB	Yes	Yes
71	HDD	N/A	N/A
72	URL	N/A	N/A
73	LDAP Support	Yes	Yes
74	File Formats	DOCX, JPEG, PDF, PDF/A, searchable PDF, slim PDF, PPTX, TIFF, XLSX, XPS	DOCX, JPEG, PDF, PDF/A, compact PDF, encrypted PDF, searchable PDF, PPTX, RTF,
75	**SECURITY SPECIFICATIONS**		
76	Network User Authentication	Yes	Yes
77	IP Address Filtering	Yes	Yes
78	MAC Address Filtering	Yes	Yes
79	HDD Overwrite	Std	Std
80	Number of Overwrites	5	Info not avail
81	HDD Encryption	Std	Std
82	Encrypted Secure Print	Yes	Info not avail
83	Encrypted PDF Mode (Encrypted Scanning)	Std	Yes
84	IPsec	Yes	Yes
85	Secure Sockets Layer (SSL)	Yes	Yes
86	SNMPv3	Yes	Yes
87	Transport Layer Security (TLS)	Yes	Yes
88	Secure Print	Yes	Info not avail
89	Security Features	TPM 2.0, Antimalware std. Opt. 512GB Encrypted Security SSD or 512GB FIPS 140-2 SSD on top of 128GB Encrypted SSD	Kerberos support
90	**CONNECTIVITY**		
91	Operating System Support	Win Server 2012, 8.1, 10, Server 2016, Server 2019, 11, Server 2022, Mac OS X 10.10-10.15, 12,	Win Server 2012, 8.1, 10, Server 2016, Server 2019, 11, Chrome OS, Mac OS X
92	USB Interface	Std 2.0, std (host)	Std 2.0, std
93	PC Fax/Print/Scan	Info not avail	Info not avail
94	Network Interface	Std Ethernet, opt wireless	Std Ethernet, std wireless
95	Interface Type	10/100/1000BaseT, 802.11b/g/n, Bluetooth	10/100/1000BaseT, 802.11a/b/g/n/ac
96	Embedded Software Platform	N/A	Open Systems Architecture (OSA)
97	**POWER AND ENERGY**		
98	Power Requirements	120 V, 16 A	110-127 V, 15 A
99	Energy Star Compliant	Yes	Yes
100	Dedicated Outlet	Required	Recommended

Canon
CANON SOLUTIONS AMERICA

Color imageCLASS X LBP1333C

Color imageCLASS X LBP1333C

- Print up to 35 ppm (Color)
- Print up to 8-1/2" x 14"
- 850-sheet maximum paper capacity
- Supports uniFLOW and uniFLOW Online

Color Compact Printer

Designed for small workgroups within an office or home environments used as part of an organization's extended print fleet, the Canon Color imageCLASS X LBP1333C printer balances speedy performance, minimal maintenance, and the ability to add an extra paper tray for busy groups. A 5" color touchscreen delivers an intuitive user experience and can be customized by a device administrator to simplify many daily tasks.

WORKFLOW EFFICIENCY

- 5" intuitive color touchscreen with smartphone-like usability.
- UI customization allows users to drag and drop frequently used icons.
- New Application Library features create a unique, customized device experience and ease of use.
- Supports certain compatible mobile printing solutions.[1]
- Designed for small print jobs with first-print-out time as fast as 7 seconds.
- Provides consistency with the imageRUNNER ADVANCE DX Series.

SECURITY FEATURES

- Helps reduce the risk of confidential information loss, since documents are only stored in short-term memory.
- Remotely control device access and set rules via optional uniFLOW or uniFLOW Online.
- Supports Verify System at Startup, a process to help verify the validity of the device firmware and Application Library from unauthorized modifications.
- With imageWARE Enterprise Management Console Device Configuration Manager Plug-in, security settings can be captured and exported to other devices on the same network.[2]

COST MANAGEMENT

- Leverage optional uniFLOW or uniFLOW Online for full accounting and reporting, pull printing, and job routing.
- Service parts are designed for machine's life cycle to help minimize the need for proactive maintenance and potentially reduce service calls.
- High-capacity, all-in-one cartridge helps reduce overall supply costs.
- Out-of-the-box, standard, two-sided printing plus the ability to print multiple pages onto one sheet help to reduce paper consumption.

DEVICE AND FLEET MANAGEMENT

- Designed for quick, easy deployment.
- Remote diagnostics for rapid service response.
- Easily monitor device status and consumable levels, observe meter readings, manage settings, and implement security settings.

QUALITY AND RELIABILITY

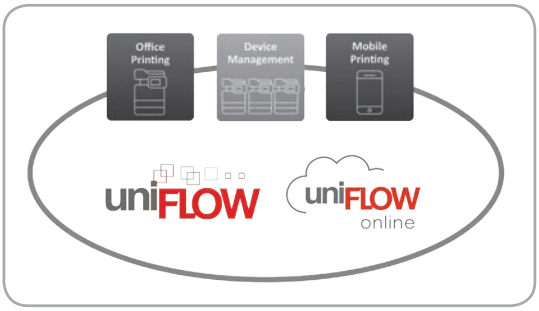
- Canon's signature reliability and engine technologies help keep productivity high and minimize the impact on support resources.
- Designed to achieve maximum uptime with status notifications to help keep supplies replenished.
- Intuitive maintenance videos for common tasks like consumables replacement.

SUSTAINABILITY

- A combination of fusing technologies and low-melting-point toner minimizes power requirements and helps achieve lower energy consumption.
- Encourages environmentally conscious work practices by enabling multiple settings that can help save paper and energy.
- ENERGY STAR® certified and currently rated EPEAT® Silver.[3]

KEY FEATURES

COLOR imageCLASS X LBP1333C

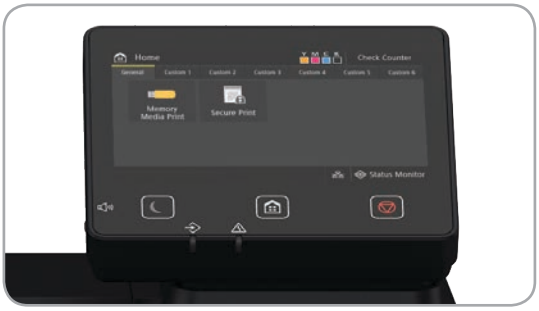


MANAGE OUTPUT WITH uniFLOW SOFTWARE

The optional uniFLOW portfolio offers an on-premise or cloud solution that imageCLASS devices can utilize with flexible authentication. With either card-based or PIN-code-based authentication, imageCLASS devices can help secure output management, track costs with reporting, and operate mobile printing—one platform for your print and device management needs.

FLEET MANAGEMENT TOOLS

imageWARE Enterprise Management Console can be used by a device administrator to centrally manage the Canon printer fleet, including consumables, status notifications, meters, and configuration settings. imageWARE Remote software allows for the service provider to manage devices proactively, including remote diagnosis and reporting. Local Content Delivery System facilitates remote firmware download at the device level.



EASY TO USE WITH APPLICATION LIBRARY

Unique to the Canon product line, the Application Library platform allows for one-touch button creation of key functions: Print Template, Standby Slide (screen saver), Consumables Information, Language, Print Client Faxes, Fax to Preset Destination, Template Email, Standby Slide from Server, and Print File from Server.

APPLICATION LIBRARY

Main Unit

Core Functions
Standard: Print

Processor
Cortex-A9MPCore 1200 MHz×2

Control Panel
5" Color Touch Panel

Memory
1 GB RAM

Standard Interface Connection
USB 2.0 x2 (Host), USB 2.0 x1 (Device) High-Speed, 10/100/1000Base-T Ethernet (Network), Wi-Fi 802.11b/g/n, Wi-Fi® Direct Connection

Paper Capacity (Letter, 20 lb. Bond)
Standard: 300 Sheets
Maximum: 850 Sheets

Paper Sources (Letter, 20 lb. Bond)
Standard: 250-sheet Paper Cassette
50-sheet Stack Bypass
Optional: 550-sheet Paper Cassette

Paper Output Capacity (Letter, 20 lb. Bond)
Standard: 75 Sheets

Supported Media Types
Cassettes: Thin, Plain, Thick, Color, Recycled, Coated, Label, Pre-Punched, Letterhead, Postcard, Envelope
Stack Bypass: Thin, Plain, Thick, Color, Recycled, Coated, Label, Pre-Punched, Letterhead, Postcard, Envelope

Supported Media Sizes
Cassettes: Letter, Legal, Statement, Executive, Index Card, Envelope: [No. 10 (COM10), Monarch, ISO-C5, DL], Custom (Min. 3" x 5" to Max. 8.5" x 14")
Stack Bypass: Letter, Legal, Statement, Executive, Index Card, Envelope: [No. 10 (COM10), Monarch, ISO-C5, DL], Custom (Min. 3" x 5" to Max. 8.5" x 14")

Supported Media Weights
Cassettes: 16 lb. Bond to 74 lb. Bond (60 to 200 g/m^2)
16 lb. Bond to 74 lb. Bond
Stack Bypass: (60 to 200 g/m^2)

Warm-Up Time
From Power On: 16.6 Seconds or Less
From Sleep Mode: 1.7 Seconds or Less

Dimensions (W x D)
Standard (Desktop): 16.7" x 16.8" (425 mm x 427 mm)

Installation Space (W x D)
Fully Configured: 16.7" x 36.1" (425 mm x 917 mm)

Weight[4]
Main Unit: Approx. 35.5 lb. (16.1 kg)

Supported OS
Windows® 8.1/10/11, Server 2012/Server 2012 R2/Server 2016/Server 2019/Server 2022, MAC OS (10.12 or later)

Print Specifications

Printing Method
Laser Beam Printing

Print Speed (Color)[5]
Up to 35ppm (1-Sided Letter); Up to 31 ppm (2-Sided Letter)

First-Print-Out Time
Approx. 7 Seconds

Recommended Monthly Page Volume
750 - 4,000 Pages

Print Resolution (dpi)
1200 x 1200

Standard Page Description Languages
UFR II, PCL®6, PCL®5, Adobe PostScript 3®

Double-Sided Printing
Automatic (Standard)

Direct Print
Available from USB memory
Supported file types: TIFF, JPEG, PDF and XPS

Printing from Mobile and Cloud-based Services[1]
Apple® AirPrint®, Canon PRINT Business, Mopria™ Print Service, Canon Print Service, and uniFLOW Online

Fonts
PCL: 93 Fonts
PS: 136 Fonts

Print Features
Secure Watermark, Header/Footer,Page Layout, Two-sided Printing, Mixed Paper Sizes/Orientations, Toner Reduction, Poster Printing, Print Date

Security Specifications

Authentication
Standard: Embedded Universal Login Manager, Department ID Authentication
Optional: uniFLOW, uniFLOW Online

Data
Standard: Verify System at Startup

Network
Standard: TLS 1.3, IPSec, IEEE802.1X authentication, Firewall Functionality (IP/MAC Adress Filtering), Enabling/Disabling (Network Applications, Remote UI, USB Interface), USB Port separation from LAN

Document
Standard: Secure Print

Wi-Fi Authentication Methods
Wi-Fi Infrastructure Mode: 128(104)/64(40)bit WEP, WPA-PSK (TKIP/AES-CCMP), WPA2-PSK (TKIP/AES-CCMP), WPA-EAP (AES-CCMP), WPA2-EAP(AES-CCMP)
Wi-Fi Access Point: WPA2-PSK(AES-CCMP)

Environmental Specifications

Operating Environment
Temperature: 50 to 86° F
Humidity: 20 to 80% RH (No Condensation)

Power Requirements
AC110-127V: 6.8A, 60Hz

Power Consumption
Maximum: Approx. 1610 W
Standby: Approx. 24.0 W
Sleep Mode: Approx. 1.0 W
Typical Electricity Consumption (TEC) Rating: 0.33 kWh

Standards
ENERGY STAR® Qualified, Currently Rated EPEAT Silver[3]

PAPER FEEDER PF-K1

- 550-Sheet Capacity
- 16 lb. Bond to 74 lb. Cover
- Supports Letter

Accessories

Card Readers[6]

MiCard Attachment Kit-B1[7]
Proximity card reader designed to be used with uniFLOW for card authentication.

Print Accessories

Barcode Print Kit-E1
Installs bar code fonts for bar code printing.

Extended Service Packs

Canon eCarePAK
Canon Extended Service Plans offer coverage beyond the standard one-year limited warranty[8] up to four years.

GENUINE CONSUMABLES

Always look for the Canon anti-counterfeiting hologram on your Canon GENUINE product packaging.

Toner T12 Black	Yields 7,400 Impressions
Toner T12 Cyan	Yields 5,300 Impressions
Toner T12 Magenta	Yields 5,300 Impressions
Toner T12 Yellow	Yields 5,300 Impressions

Use of Canon GENUINE toner cartridges helps provide longer equipment life, high yields, reliable performance, high-quality output, and minimal jamming or issues. Black Toner (yielding 7,400 pages) and C/M/Y Toners (yielding 5,300 pages each) are included in the box.

[1] Canon PRINT Business is a free app available on the App Store® and Google Play™ Store. For more information, including compatibility, please visit csa.canon.com - Search: Canon PRINT Business. Please see the respective websites for Apple AirPrint and Mopria Print Service for compatibility and additional information. Please see the respective websites for Apple AirPrint and Mopria Print Service for compatibility and additional information.
[2] Please reference user manuals for details on settings available to export.
[3] For latest EPEAT ratings (Gold/Silver/Bronze), please visit **www.epeat.net**.
[4] Includes consumables.
[5] Print speed is based on internal testing. Print speed may vary, depending on the number of copies selected as well as the settings for size, type, and orientation of paper.
[6] Attachment kit required.
[7] Ask Canon Solutions America Sales Representative for reader compatibility information.
[8] Limited warranty program is subject to certain conditions and restrictions. See warranty card for details.

For more information,
call 1.800.815.4000
or visit csa.canon.com

Canon
CANON SOLUTIONS AMERICA

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epeat SILVER
CANON GENUINE TONER, CARTRIDGE & PARTS
ENERGY STAR

Township of Genoa

Printing devices Proposal

QTY	MODEL DESCRIPTION	PRICING
3	**Canon imageRunner color 5840 MFP (40 CPM)**	Included
3	STD 2 Cassette Trays 1,100 sheets total	Included
3	High Capacity Trays 2,450 sheets total	Included
3	Single Scan Document Feeders 200 originals capacity	Included
3	Bypass units 100 sheet capacity	Included
3	Inner Trays	Included
3	UFR II Controller	Included
1	**Canon imageRunner color 3926 MFP (26 CPM)**	Included
1	STD 2 Cassette Trays 1,100 sheets total	Included
1	Single Scan Document Feeders 200 originals capacity	Included
1	Super G3 Fax Board	Included
1	Bypass units 100 sheet capacity	Included
1	Inner Trays	Included
1	UFR II Controller	Included
1	**Canon imageRunner B&W 6855 MFP (55 CPM)**	Included
1	STD 2 Cassette Trays 1,100 sheets total	Included
1	High Capacity Trays 2,450 sheets total	Included
1	Single Scan Document Feeders 200 originals capacity	Included
1	Bypass units 100 sheet capacity	Included
1	Inner Trays	Included
1	UFR II Controller	Included
1	Inner Staple Finsher (50 sheet stapler)	Included
6	**Canon LBP 325DN B&W Printers**	Included
6	STD 600 sheet capacity	Included
2	**Canon LBP 1333C B&W & Color Voter Card Printers**	Included
1	**Canon imageRunner color 478IF TableTop MFP (50 CPM)**	Included
2	**Troy M507 MICR (Check Printer)**	Included
2	STD 650 sheet capacity	Included
16 Units	**60 Months Lease Program** **8,900 color copies & 16,200 B&W copies per month times the cpc rates**	**$ 955.26**
16 Units	**Canon Purchase Program**	**$ 46,736.34**

	Canon Service Program: Fixed Rates	
14 Units	**8,900 color copies & 16,200 B&W copies per month**	
	All B&W copies for 3926, 5840, 6855 per copy	0.0065
	All Color copies for the 3926, 5840 per copy	0.0398
	All B&W copies for LBP 1333C Printer per copy	0.0199
	All Color copies for LBP1333C Printer per copy	0.1240
	All B&W copies for LBP325DN Printer per copy	0.0120
2 Units	All B&W copies for M507 MICR check Printer per copy	0.0636
16 Units	**All Service Programs include: All toners, parts, labor & Drums**	
Special Fully Vetted OMNIA Pricing Program		
No Late Fees		
Net 30 pay		
Non-appropreiation of funds Addendum		
Other special buying incentives for office supplies		
Fix service pricing for term of lease contract		
End of lease return fee waived		
Canon will pick up all owned Xerox devices for disposal		
References:		
City of Chelsea		
Contact: Priya King - Financial Director		
Phone: 734-475-1771 x 204		
Email: pking@city-chelsea.org		
Township of Superior		
Contact: Nancy Mason - Office Manager		
Phone: 734-906-3523		
Email: nancymason@superior-twp.org		
City of Novi		
Contact: Michelle Pollock - IT Solutions		
Phone: 248-347-0527		
Email: mpollock@cityofnovi.org		

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MEMORANDUM

TO: Honorable Board of Trustees

FROM: Kelly VanMarter, Manager

DATE: January 14, 2025

RE: **Citizen Planner Training**

Starting March 6th and continuing each Thursday from 6:00pm to 9:00pm until April 17th, the Livingston County Planning Department is hosting the Michigan State University Extension Citizen Planner program at the Livingston County Public Safety Complex on Tooley Road in Howell. This course provides a convenient way for busy community leaders to obtain the latest technical knowledge and the proficiency they need to perform their duties more effectively and responsibly.

I have attached a copy of the flyer for the event. Having this excellent training locally is a great opportunity and I would like to encourage all elected and appointed officials to attend. The cost of the training is $250 and there is a group discount for 4 or more attendees from the same community. Attending the event locally eliminates the cost of mileage reimbursement making this a good option for those interested.

In accordance with the existing per diem policy, payment of per diems for attendance at multi-day events require approval of the Township Board. If the Board wishes to provide a per diem allowance for officials to attend, the following motion is provided for your consideration:

Moved by _____, **Supported by** _____ to approve and authorize payment of a per diem allowance for elected and appointed official participation in the Livingston County Citizen Planner Program offered March 6th through April 17th, 2025.

SUPERVISOR
Kevin Spicher

CLERK
Janene Deaton

TREASURER
Robin L. Hunt

TRUSTEES
Rick Soucy
Bill Reiber
Candie Hovarter
Todd Walker

MANAGER
Kelly VanMarter

MICHIGAN STATE UNIVERSITY | Extension

Livingston County 2025 Citizen Planner Program

A Land Use Training and Certificate Course for Community Land Use Decision-Makers

Livingston County Citizen Planner
Begins Thursday
March 6, 2025
6:00—9:00 PM

Classes held in person at:

Livingston County Public Safety Complex
1911 Tooley Rd, Howell, MI

Dates: March 6, 13, 20, April 3, 10 and 17.

Citizen Planner is a time-tested educational program proven to be comprehensive without being overwhelming. The program is delivered "locally" to provide a convenient way for busy community leaders to obtain the latest technical knowledge and the proficiency they need to perform their duties more effectively and responsibly.

Citizen Planner Classroom Sessions

Citizen Planner instructors include MSU Faculty, MSU Extension educators, planners and attorneys. The core classroom program consists of six sessions:

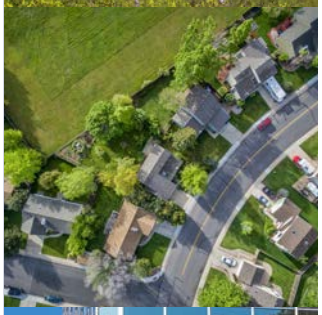
- **Understanding the Planning and Zoning Context –** Learn the legal sources and limitations of planning and zoning authority, and explore your understanding of ethical decision-making.
- **Planning for the Future of Your Community –** Recognize the function and importance of a master plan, know the process for developing one and its relationship to zoning.
- **Implementing the Plan with Zoning –** Discover the importance of zoning, learn how zoning is administered and gain confidence in your zoning reviews, including site plans.
- **Making Zoning Decisions –** Learn how to adopt and amend a zoning ordinance, understand the role of the zoning board of appeals and obtain skills in basic property development methods.
- **Using Innovative Planning and Zoning –** Strategize with placemaking and design-based solutions for local and regional success in the New Economy.
- **Successfully Fulfilling Your Role –** Strengthen your ethical decision-making skills, apply standards to your decision-making and know when to ask for help.

The Livingston County Citizen Planner Program is a partnership with Livingston County

Contact

Kara Kelly: cplanner@msu.edu
Visit http://citizenplanner.msu.edu.

Livingston County Citizen Planner



Classes: Thursdays, March 6 - April 17

Understanding the Planning and Zoning Context
Thursday, March 6, 2025
6:00 pm—9:00 pm

Planning for the Future or Your Community
Thursday, March 13, 2025
6:00 pm—9:00 pm

Implementing the Plan with Zoning
Thursday, March 20, 2025
6:00 pm—9:00 pm

Making Zoning Decisions
Thursday, April 3, 2025
6:00 pm—9:00 pm

Using Innovative Planning and Zoning
Thursday, April 10, 2025
6:00 pm—9:00 pm

Successfully Fulfilling Your Role
Thursday, April 17, 2025
6:00 pm—9:00 pm

Course Location

Livingston County Public Safety Complex
1911 Tooley Rd, Howell, MI

Local Contact

Harmony Gmazel: gmazelh@msu.edu

Course Fee

The course fee is $250 per participant for the complete core program. The fee covers registration and course materials. A group (4 or more) discount is available. Participants that complete all six sessions will receive a certificate of completion.

How to Register

Online registration is available at **https://events.anr.msu.edu/CPLivingston25/.** Payment can be made by credit card, check; an invoice is created with registration. Group registration is also available online. A $45 cancellation fee is assessed if registration is canceled after ***February 28, 2025, the registration deadline.***

Grants/Scholarships

A grant program, Risk Reduction Grant Program (RRGP), may be available from your community's liability insurance provider. Michigan Township Participating Plan offers to its municipal members one per community, which covers the complete registration cost reimbursement for completion of the Citizen Planner Program. For more information, please visit us on the web at www.theparplan.com. For member governments of the Michigan Municipal Risk Management Authority (MMRMA), contact **Cara Ceci** at 800-243-1324 for more information regarding grants for education and training through the Risk Avoidance Program (RAP). For municipalities obtaining insurance through Nickel & Saph, Inc. Insurance Agency contact **Stephen R. Saph, Jr.** at 586-463-4573 or stephenjr@nickelsaph.com. Contact your local community liability risk insurance carrier to see if similar grants or s similar grants or scholarships are available.

Persons with Disabilities

Persons with disabilities may request accommodations by emailing Kara Kelly (cplanner@msu.edu) two weeks prior to the event to ensure sufficient time to make arrangements. Requests made less than two weeks prior to the event will be met if possible.

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genoa.org

MEMORANDUM

TO: Honorable Board of Trustees

FROM: Kelly VanMarter, Township Manager

DATE: January 15, 2025

RE: Second Draft – Preliminary 2025-2026 Budget

Please see attached second draft of the preliminary budget for the April 1, 2025 through March 31, 2026 fiscal year. This updated version of the draft budget includes a column called the "Mortensen Column" which provides additional detail regarding notable changes to the budget. Jim Mortensen was a former trustee of who first requested this information in 2022. Trustee Mortensen served Genoa Township for over 27 years and he left an indelible legacy for financial accountability, professionalism and integrity in public service and this report column has been named in his honor.

There is no action on the draft budget required for Monday's meeting. Individual board members are encouraged to review the document and contact staff with any questions or concerns. The budget will continue to be refined and a public hearing will be scheduled for the February 17, 2025 regular meeting date in accordance with the law.

Sincerely,

Kelly VanMarter

SUPERVISOR
Kevin Spicher

CLERK
Janene Deaton

TREASURER
Robin L. Hunt

TRUSTEES
Rick Soucy
Bill Reiber
Candie Hovarter
Todd Walker

MANAGER
Kelly VanMarter

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Fund 101 - GENERAL FUND					*All wages assume 4% increase
ESTIMATED REVENUES					
Dept 000 - REVENUE					
101-000-402-001	CURRENT REAL PROP TAX	84,495	1,220,000	1,312,000	
101-000-411-001	DELINQ TAX - PERSONAL & REAL	0	1,000	1,000	
101-000-434-002	TRAILER FEES	2,783	3,600	3,600	
101-000-448-001	COLLECT FEES/EXCESS OF ROLL	308,605	430,000	451,000	
101-000-448-002	COLLECTION FEE - SCHOOLS	24,498	25,000	25,000	
101-000-451-024	ADMIN FEE/UTILITY-OPERATING	29,680	59,359	61,171	
101-000-452-001	INTEREST-SPECIAL ASSESSMENTS	0	15,494	31,647	Addition of special assessment districts
101-000-476-001	CABLE FRANCHISE	248,915	390,000	320,000	Reduced - PEG Fee moved to new line item
101-000-476-002	LICENSE & PERMITS	14,884	20,000	20,000	
101-000-476-004	CABLE FRANCHISE PEG FUND	5,898	0	11,600	New Line Item
101-000-567-001	CEMETERY REVENUE	0	400	400	
101-000-572-001	METRO ACT REVENUE	17,488	21,700	21,700	
101-000-573-001	LCSA-PPT REIMBURSEMENT	17,839	20,200	20,400	
101-000-574-002	STATE SHARED REVENUE	1,905,310	2,346,759	2,326,732	
101-000-608-000	CHARGES FOR SERV-APPL FEES	69,148	60,000	70,000	
101-000-609-000	CHARGES FOR SERVICES- FOIA/PRINTING	732	500	1,000	
101-000-626-032	ADM FEE LIQUOR LAW	1,803	3,790	3,790	
101-000-631-000	REFUSE COLLECTION FEES	44,411	1,348,457	1,370,660	Per parcel cost increased $15
101-000-657-001	ORDINANCE FINES	0	1,500	1,000	
101-000-665-001	INTEREST	40,818	65,000	70,000	
101-000-671-000	OTHER REVENUE	63,213	1,000	1,000	Pine Creek Ridge Legal Reimbursement-one time transfer 24/25.
101-000-672-000	TAXES ON LAND TRANSFER	149,905	145,000	148,000	
101-000-682-000	ELECTION REIMBURSEMENTS	127,061	0	0	
101-000-698-202	TRANSFER IN - SAD RESIDUAL BALANCE	0	500	0	
101-000-699-249	MMRMA REIMBURSEMENT	10,186	10,000	11,000	
101-000-699-464	TRANSFER IN FROM ARPA FUND #464	0	266,683	0	
Totals for dept 000 - REVENUE		3,167,672	6,455,942	6,282,700	
TOTAL ESTIMATED REVENUES		3,167,672	6,455,942	6,282,700	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
APPROPRIATIONS					
Dept 101 - TOWNSHIP BOARD					
101-101-702-014	TRUSTEES/SECRETARY WAGES & SALARIES	27,184	40,000	41,600	
101-101-861-000	TRUSTEES MILEAGE & TRAVEL EXPENSE	1,472	3,000	3,000	
101-101-910-000	TRUSTEES PRO DEV/CONFERENCE/DUES	11,808	15,000	20,000	Increase for new official training
101-101-955-000	TRUSTEES MISCELLANEOUS	46	100	500	
Totals for dept 101 - TOWNSHIP BOARD		40,510	58,100	65,100	
Dept 171 - TOWNSHIP SUPERVISOR					
101-171-702-014	TWP SUPERVISOR SALARY	52,690	70,000	72,800	
101-171-861-000	SUPERVISOR MILEAGE & TRAVEL EXPENSE	44	500	500	
101-171-910-000	SUPERVISOR PRO DEV/CONFERENCE/DUES	369	500	500	
101-171-955-000	SUPERVISOR MISCELLANEOUS	11	500	500	
Totals for dept 171 - TOWNSHIP SUPERVISOR		53,114	71,500	74,300	
Dept 172 - TOWNSHIP MANAGER					
101-172-702-014	TWP MANAGER SALARY	123,184	160,000	166,400	
101-172-703-000	MANAGER DEPT WAGES & SALARIES	37,570	48,500	50,440	
101-172-861-000	MANAGER DEPT MILEAGE & TRAVEL EXPENS	0	1,000	1,000	
101-172-910-000	MANAGER DEPT PRO DEV/CONFERENCE/DU	2,224	4,000	4,000	
101-172-955-000	MANAGER DEPT MISCELLANEOUS	0	1,000	1,000	
Totals for dept 172 - TOWNSHIP MANAGER		162,978	214,500	222,840	
Dept 191 - ACCOUNTING & FINANCE					
101-191-703-000	ACCT DEPT WAGES & SALARIES	62,326	91,000	94,640	
101-191-801-000	ACCOUNTING CONSULTANT (PHP)	10,720	30,000	30,000	
101-191-801-001	FINANCIAL CONSULTING (PFM)	1,200	1,200	1,200	
101-191-861-000	ACCT DEPT MILEAGE & TRAVEL EXPENSE	0	100	100	
101-191-910-000	ACCT DEPT PRO DEV/CONFERENCE/DUES	0	100	100	
101-191-955-000	ACCT DEPT MISCELLANEOUS	0	500	500	
Totals for dept 191 - ACCOUNTING & FINANCE		74,246	122,900	126,540	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Dept 215 - TOWNSHIP CLERK					
101-215-702-014	TWP CLERK SALARY	46,516	58,755	70,510	Increased Clerks Wages. This is Treasurer salary reduced by $1250-longevity.
101-215-703-000	CLERKS DEPT WAGES & SALARIES	41,081	65,000	67,600	
101-215-861-000	CLERKS DEPT MILEAGE & TRAVEL EXPENSE	0	0	500	
101-215-910-000	CLERKS DEPT PRO DEV/CONFERENCE/DUES	305	700	700	
101-215-955-000	CLERKS DEPT MISCELLANEOUS	0	100	100	
Totals for dept 215 - TOWNSHIP CLERK		87,902	124,555	139,410	
Dept 223 - AUDIT					
101-223-801-000	AUDIT SERVICES (MANER COSTERISAN)	33,900	34,000	34,900	
Totals for dept 223 - AUDIT		33,900	34,000	34,900	
Dept 228 - INFORMATION TECHNOLOGY					
101-228-703-000	IT DEPT WAGES & SALARIES	60,433	81,000	84,240	
101-228-861-000	IT DEPT MILEAGE & TRAVEL EXPENSE	0	500	500	
101-228-910-000	IT DEPT PRO DEV/CONFERENCE/DUES	0	200	200	
101-228-955-000	IT DEPT MISCELLANEOUS	0	500	500	
Totals for dept 228 - INFORMATION TECHNOLOGY		60,433	82,200	85,440	
Dept 247 - BOARD OF REVIEW					
101-247-702-014	BOARD OF REVIEW SALARIES	537	4,000	4,160	
101-247-791-000	BD OF REV PUBLICATIONS	455	1,100	1,500	
101-247-861-000	BD OF REV MILEAGE & TRAVEL EXPENSE	0	100	100	
101-247-910-000	BD OF REV PRO DEV/CONFERENCE/DUES	0	540	540	
101-247-955-000	BD OF REV MISCELLANEOUS	0	500	500	
101-247-964-000	REFUNDS & CHARGEBACKS	3,625	5,000	8,000	
Totals for dept 247 - BOARD OF REVIEW		4,617	11,240	14,800	
Dept 253 - TOWNSHIP TREASURER					
101-253-702-014	TREASURER SALARY	52,934	69,000	71,760	
101-253-703-000	TREASURERS DEPT WAGES & SALARIES	84,525	110,000	114,400	
101-253-861-000	TREASURERS DEPT MILEAGE & TRAVEL EXPE	259	750	500	
101-253-910-000	TREASURERS DEPT PRO DEV/CONFERENCE/I	10	500	500	
101-253-955-000	TREASURERS DEPT MISCELLANEOUS	98	500	250	
Totals for dept 253 - TOWNSHIP TREASURER		137,826	180,750	187,410	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Dept 257 - ASSESSING DEPARTMENT					
101-257-702-014	ASSESSING SALARIES	198,297	266,000	276,640	
101-257-703-000	ASSESSING WAGES & SALARIES INTERN	2,280	10,000	10,000	
101-257-803-000	ASSESSING LEGAL	13,987	15,000	20,000	
101-257-861-000	ASSESSING MILEAGE & TRAVEL EXPENSE	0	500	500	
101-257-910-000	ASSESSING PRO DEV/CONFER/DUES/SUB	2,304	5,000	5,000	
101-257-955-000	ASSESSING MISCELLANEOUS	273	500	500	
Totals for dept 257 - ASSESSING DEPARTMENT		217,141	297,000	312,640	
Dept 261 - GENERAL GOVERNMENT					
101-261-703-000	UNALLOCATED WAGES & SALARIES	0	2,000	2,000	
101-261-709-000	EMPLOYER'S SHARE SS & MEDICARE	72,799	110,000	110,000	
101-261-709-001	CELLPHONE REIMBURSEMENT	3,293	5,800	10,620	Removed cell phones from Verizon Invoice & reallocated cell phone expenses under one line item.
101-261-709-002	WORKERS COMP	14,186	11,000	15,000	
101-261-718-001	RETIREMENT	91,767	155,000	160,000	Assume 3 percent increase
101-261-718-002	HEALTH/LIFE INSURANCE	276,750	320,000	320,000	
101-261-718-003	WELLNESS	1,673	8,000	8,000	
101-261-718-004	EHIM RESERVE	0	50,000	50,000	
101-261-750-000	SUPPLIES	17,354	25,000	30,000	Additional $5000 for any expenses for the new officials or community outreach events.
101-261-750-001	POSTAGE	14,733	30,000	30,000	
101-261-751-000	EQUIP / SOFTWARE / SOFTWARE MAINTENA	70,554	125,000	140,000	BS&A Annual Service fee $64,120, annual hosting $11,600 & upgrade $108,665
101-261-752-000	WEBSITE MAINTENANCE/UPGRADES	1,750	20,000	30,000	Increased for website upgrades
101-261-791-000	SUBSCRI/PUBLICATIONS/MEMBERS	6,623	6,000	6,000	
101-261-802-000	CONTRACTUAL SERVICES / CONSULTING	814	10,000	20,000	Increased for community outreach personnel expenses.
101-261-802-001	TWP VEHICLE EXPENSES	207	2,000	2,000	
101-261-861-000	UNALLOCATED MILEAGE & TRAVEL EXPENSE	0	100	100	
101-261-941-000	CONTINGENCY	9,325	30,000	30,000	
101-261-955-000	UNALLOCATED MISCELLANEOUS	3,090	3,000	5,000	Increase for community outreach expenses
Totals for dept 261 - GENERAL GOVERNMENT		584,918	912,900	968,720	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Dept 262 - ELECTIONS					
101-262-703-001	WAGES- PART TIME OFFICE WORKERS	63,431	40,000	7,500	
101-262-703-002	SCANNERS, CHAIRPERSON & POLL WORKERS	59,700	40,000	0	
101-262-703-004	TRAINING: $45<4 HRS - $90>4 HRS	3,690	5,000	0	
101-262-703-005	WAGES - RECEIVING BOARD- $200 PER DIEM	1,200	1,600	0	
101-262-751-001	ELECTION OFFICE SUPPLIES/EQUIPMENT	20,223	17,000	3,000	
101-262-791-000	ELECTION PUBLICATIONS	288	1,500	0	
101-262-802-001	ELECTION MEETING FEES	750	1,200	0	
101-262-802-002	BALLOT TESTING	11,723	10,000	2,000	
101-262-802-003	LIVINGSTON COUNTY CLERK	17,899	9,000	2,000	
101-262-802-004	CHURCH / SCHOOL CLEANUP/SETUP/ TAKE D	5,100	5,500	2,500	
101-262-802-005	ELECTION BREAKFAST / DINNER	2,240	1,800	0	
101-262-861-001	ELECTION MILEAGE & TRAVEL	876	500	0	
101-262-901-001	POSTAGE FOR APPLICATIONS	0	0	500	
101-262-901-002	POSTAGE FOR MAILING BALLOTS	6,172	8,000	500	
101-262-901-003	POSTAGE FOR MAILING NEW I.D. CARDS	0	300	0	
101-262-955-000	ELECTION MISCELLANEOUS	3,366	1,500	0	
Totals for dept 262 - ELECTIONS		196,658	142,900	18,000	
Dept 265 - BUILDING & GROUNDS					
101-265-740-000	INSURANCE - PROP LIAB/VEHICLE	52,614	53,000	55,000	
101-265-802-000	BUILDING & GROUNDS CONTRACTUAL SERV	0	1,000	1,000	
101-265-850-000	PHONE/INTERNT/CABLE/ALARM	21,467	30,000	27,500	Decreased as all cell phone expenses under cell phone reimbursement
101-265-851-001	HERBST HOME MAINTENANCE	0	0	10,000	Expenses for Herbst home/barn necessary upgrades is posted to 249-265-981-014 (Comcast $212 monthly, DTE $180 & Gas $102, Coopers Mowing $280)
101-265-920-001	UTIL:ELECTRICITY & NAT.GAS	17,301	23,000	25,000	
101-265-934-060	REPAIRS & MAINTENANCE	45,747	130,000	130,000	
101-265-955-000	BUILDING & GROUNDS MISCELLANEOUS	34	5,000	5,000	
Totals for dept 265 - BUILDING & GROUNDS		137,163	242,000	253,500	
Dept 266 - LEGAL SERVICES					
101-266-803-000	GENERAL TOWNSHIP LEGAL FEES	41,994	50,000	50,000	
101-266-803-001	LITIGATION LEGAL FEES	35,219	100,000	150,000	Increased due to potential new litigation.
Totals for dept 266 - LEGAL SERVICES		77,213	150,000	200,000	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Dept 270 - HUMAN RESOURCES					
101-270-703-000	HR WAGES & SALARIES	15,695	20,500	21,320	
101-270-802-000	HR CONTRACTUAL SERVICES	0	1,500	1,500	
101-270-861-000	HR MILEAGE & TRAVEL EXPENSE	0	100	100	
101-270-910-000	HR PRO DEV/CONFERENCE/DUES	0	500	100	
101-270-955-000	HR MISCELLANEOUS	0	500	100	
Totals for dept 270 - HUMAN RESOURCES		15,695	23,100	23,120	
Dept 445 - DRAINS AT LARGE					
101-445-802-000	CONTRACTUAL SERVICES - LIVINGSTON COU	0	25,000	34,500	Large drain project with the county
Totals for dept 445 - DRAINS AT LARGE		0	25,000	34,500	
Dept 521 - REFUSE COLLECTION					
101-521-802-000	REFUSE CONTRACTUAL SERVICES	1,039,284	1,557,576	1,635,000	goes up to $18.90 per unit
Totals for dept 521 - REFUSE COLLECTION		1,039,284	1,557,576	1,635,000	
Dept 567 - CEMETERY					
101-567-703-002	CEMETERY MAINTENANCE	7,474	8,000	10,000	increase to take better care of the cemetery
Totals for dept 567 - CEMETERY		7,474	8,000	10,000	
Dept 701 - PLANNING & ZONING					
101-701-702-014	PLANNING COMMISSION SALARIES	15,882	27,563	28,666	
101-701-702-015	ZONING BOARD WAGES	10,337	16,538	17,200	
101-701-703-000	PLANNING & ZONING WAGES & SALARIES	145,526	254,100	223,600	Prior year budgeted for zoning official new hire
101-701-791-000	PLANNING & ZONING PUBLICATIONS	3,834	3,000	10,000	Zoning Ordinance & Master Plan Update
101-701-802-000	PLANNING & ZONING CONTRACTUAL SERVI(	15,596	30,000	75,000	Zoning Ordinance & Master Plan Update
101-701-861-000	PLANNING & ZONING MILEAGE & TRAVEL E)	0	2,500	2,000	
101-701-910-000	PLANNING & ZONING PRO DEV/CONFERENC	2,010	10,000	8,000	
101-701-946-001	REVIEW SERVICES - PLANNING	28,285	45,000	40,000	
101-701-946-002	REVIEW SERVICES - ENGINEERING	25,316	40,000	40,000	
101-701-946-003	REVIEW SERVICES - PUBLICATIONS/POSTAGI	1,192	3,000	3,000	
101-701-946-004	REVIEW SERVICES - ROUTING	640	2,000	2,000	
101-701-946-005	REVIEW SERVICES - LEGAL/RECORDING FEES	13,357	10,000	12,000	
101-701-955-000	PLANNING & ZONING MISCELLANEOUS	20	1,000	1,000	
Totals for dept 701 - PLANNING & ZONING		261,995	444,701	462,466	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Dept 728 - ECONOMIC DEVELOPMENT					
101-728-880-000	COMMUNITY PROMOTION - CONTRIBUTION	23,283	24,000	24,000	
101-728-880-001	COMMUNITY OUTREACH	0	0	20,000	New line item
Totals for dept 728 - ECONOMIC DEVELOPMENT		23,283	24,000	44,000	
Dept 900 - CAPITAL OUTLAY FUNCTION					
101-900-970-000	CAPITAL OUTLAY > $5,000	14,300	50,000	50,000	
101-900-975-000	CAPITAL OUTLAY < $5,000	7,590	10,000	10,000	
Totals for dept 900 - CAPITAL OUTLAY FUNCTION		21,890	60,000	60,000	
Dept 965 - TRANSFERS OUT & OTHER FINANCING USES					
101-965-995-208	TRANSFER OUT- FUND #208 - PARKS & REC	0	850,000	250,000	
101-965-995-249	TRANSFER OUT- FUND #249 - BLDG RESERVE	0	550,000	200,000	
101-965-995-401	TRANSFER OUT- FUND #401 - ROAD IMPROV	1,000,000	1,000,000	850,000	
Totals for dept 965 - TRANSFERS OUT & OTHER FINANCING USES		1,000,000	2,400,000	1,300,000	
TOTAL APPROPRIATIONS		4,238,240	7,186,922	6,272,686	
NET OF REVENUES/APPROPRIATIONS - FUND 101		(1,070,568)	(730,980)	10,014	
BEGINNING FUND BALANCE		3,715,692	3,715,692	2,984,712	
ENDING FUND BALANCE		2,645,124	2,984,712	2,994,726	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Fund 202 - SAD ROADS AND LAKES					
ESTIMATED REVENUES					
Dept 000 - REVENUE					
202-000-452-001	INTEREST	55,403	45,000	25,000	
202-000-699-000	TRANSFER IN - FUND # 101	0	0	200,000	
Totals for dept 000 - REVENUE		55,403	45,000	225,000	
Dept 448 - STREETLIGHTS					
202-448-628-005	WHITE PINES LIGHTING -SAD PRINCIPAL	39	795	995	
Totals for dept 448 - STREETLIGHTS		39	795	995	
Dept 478					
202-478-628-005	HOMESTEAD (S22-31) -SAD PRINCIPAL	0	13,986	13,986	
202-478-665-001	HOMESTEAD (S22-31) -INTEREST	290	2,238	1,958	
Totals for dept 478 -		290	16,224	15,944	
Dept 484					
202-484-628-005	EARL LAKE (W18-25) -SAD PRINCIPAL	710	18,803	18,803	
Totals for dept 484 -		710	18,803	18,803	
Dept 485					
202-485-628-005	NOVEL ESTATES (W18-25) -SAD PRINCIPAL	0	10,964	10,964	
Totals for dept 485 -		0	10,964	10,964	
Dept 489					
202-489-628-005	BLACK OAKS (W21-30) -SAD PRINCIPAL	0	922	922	
202-489-665-001	BLACK OAKS (W21-30) -INTEREST	0	129	111	
Totals for dept 489 -		0	1,051	1,033	
Dept 490					
202-490-628-005	DARLENE DR (W21-30) -SAD PRINCIPAL	0	2,867	2,867	
202-490-665-001	DARLENE DR (W21-30) -INTEREST	370	402	344	
Totals for dept 490 -		370	3,269	3,211	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Dept 491					
202-491-628-005	ELMHURST (S20-26) -SAD PRINCIPAL	0	7,612	7,612	
202-491-665-001	ELMHURST (S20-26) -INTEREST	514	457	304	
Totals for dept 491 -		514	8,069	7,916	
Dept 492					
202-492-628-005	MCNAMARA (S23-32) -SAD PRINCIPAL	2,307	13,947	14,132	
202-492-665-001	MCNAMARA (S23-32) -INTEREST	19	2,546	2,261	
Totals for dept 492 -		2,326	16,493	16,393	
Dept 494					
202-494-628-005	STILLRIVER (S23-32) -SAD PRINCIPAL	0	9,220	9,220	
202-494-665-001	STILLRIVER (S23-32) -INTEREST	0	1,659	1,475	
Totals for dept 494 -		0	10,879	10,695	
Dept 495					
202-495-628-005	TIMBERVIEW PRIV (W23-32)-SAD PRINCIPLE	0	3,795	3,795	
202-495-665-001	TIMBERVIEW PRIV (W23-32)-INTEREST	0	683	607	
Totals for dept 495 -		0	4,478	4,402	
Dept 496					
202-496-628-005	CRYSTAL VALLEY (S24-33) - SAD PRINCIPLE	15,284	36,900	33,948	
202-496-665-001	CRYSTAL VALLEY (S24-33) - INTEREST	0	7,380	6,111	
Totals for dept 496 -		15,284	44,280	40,059	
Dept 497					
202-497-628-005	GRAND RAVINE (W24-38) -SAD PRINCIPLE	6,610	12,276	11,804	
202-497-665-001	GRAND RAVINE (W24-38) -INTEREST	44	1,535	3,305	
Totals for dept 497 -		6,654	13,811	15,109	
Dept 498					
202-498-628-005	LAKEWOOD KNOLL (W24-38) -SAD PRINCIPL	56,722	57,900	54,183	
202-498-665-001	LAKEWOOD KNOLL (W24-38) -INTEREST	104	5,790	15,171	
Totals for dept 498 -		56,826	63,690	69,354	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Dept 499					
202-499-628-005	MILROY MYSTIC LK (W24-34) - SAD PRINC	11,914	55,600	65,608	
202-499-665-001	MILROY MYSTIC LK (W24-34) - INTEREST	79	2,780	10,008	
Totals for dept 499 -		11,993	58,380	75,616	
Dept 570 - LAKE IMPROVEMENTS					
202-570-628-005	LK CHEMUNG (W23-27) -SAD PRINCIPAL	4,426	48,222	45,034	
Totals for dept 570 - LAKE IMPROVEMENTS		4,426	48,222	45,034	
Dept 571					
202-571-628-005	PARDEE LK (W21-25) -SAD PRINCIPAL	2,083	22,396	22,396	
Totals for dept 571 -		2,083	22,396	22,396	
Dept 572					
202-572-628-005	GRAND BEACH (W21-25) -SAD PRINCIPAL	457	14,125	14,105	
Totals for dept 572 -		457	14,125	14,105	
Dept 573					
202-573-628-005	E/W CROOKED LK (S23-27) -SAD PRINCIPAL	416	18,414	17,888	
Totals for dept 573 -		416	18,414	17,888	
Dept 575					
202-575-628-005	BAETCKE LK (S23-27) -SAD PRINCIPAL	0	7,600	7,600	
Totals for dept 575 -		0	7,600	7,600	
Dept 576					
202-576-628-005	EARL LAKE (W24-29) - SAD PRINCIPLE	0	2,789	2,789	
Totals for dept 576 -		0	2,789	2,789	
TOTAL ESTIMATED REVENUES		157,791	429,732	625,306	
APPROPRIATIONS					
Dept 223 - AUDIT					
202-223-801-000	AUDIT	2,500	5,000	5,000	
Totals for dept 223 - AUDIT		2,500	5,000	5,000	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Dept 448 - STREETLIGHTS					
202-448-801-075	WHITE PINES LIGHTING -PROJECT EXPENSE	579	895	915	
Totals for dept 448 - STREETLIGHTS		579	895	915	
Dept 478					
202-478-802-000	HOMESTEAD (S22-31) -ANNUAL MAINT. EXP	2,900	3,100	3,200	
Totals for dept 478 -		2,900	3,100	3,200	
Dept 487					
202-487-801-075	EDWIN DR (S19-23) -PROJECT EXPENSE	2,245	3,800	2,081	
Totals for dept 487 -		2,245	3,800	2,081	
Dept 496					
202-496-801-075	CRYSTAL VALLEY (S24-33) - PROJECT EXP	132,920	134,920	0	
Totals for dept 496 -		132,920	134,920	0	
Dept 497					
202-497-801-075	GRAND RAVINE (W24-38) -PROJECT EXP	223,004	223,136	0	
Totals for dept 497 -		223,004	223,136	0	
Dept 498					
202-498-801-075	LAKEWOOD KNOLL (S24-38) -PROJECT EXP	4,355	1,014,000	0	
Totals for dept 498 -		4,355	1,014,000	0	
Dept 499					
202-499-801-075	MILROY MYSTIC LK (W24-34) - PROJECT EXP	615,970	619,000	0	
Totals for dept 499 -		615,970	619,000	0	
Dept 570 - LAKE IMPROVEMENTS					
202-570-801-075	LK CHEMUNG (W23-27) -PROJECT EXPENSE	42,057	55,000	55,000	
Totals for dept 570 - LAKE IMPROVEMENTS		42,057	55,000	55,000	
Dept 571					
202-571-801-075	PARDEE LK (W21-25) -PROJECT EXPENSE	16,574	22,700	24,000	
Totals for dept 571 -		16,574	22,700	24,000	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Dept 572					
202-572-801-075	GRAND BEACH (W21-25) -PROJECT EXPENSE	11,101	13,508	14,800	
Totals for dept 572 -		11,101	13,508	14,800	
Dept 573					
202-573-801-075	E/W CROOKED LK (S23-27) -PROJECT EXPEN	17,018	15,000	15,500	
Totals for dept 573 -		17,018	15,000	15,500	
Dept 575					
202-575-801-075	BAETCKE LK (S23-27) -PROJECT EXPENSE	7,000	7,000	7,250	
Totals for dept 575 -		7,000	7,000	7,250	
Dept 576					
202-576-801-075	EARL LAKE (W24-29) - PROJECT EXPENSE	1,366	2,264	2,265	
Totals for dept 576 -		1,366	2,264	2,265	
Dept 852 - TRANSFER TO OTHER FUNDS					
202-852-995-101	SAD INTEREST TRANSFER OUT TO 101	0	8,000	0	
202-852-999-402	TRANFER OUT TO PINE CREEK RD IMPROVEM	413,550	413,550	0	
Totals for dept 852 - TRANSFER TO OTHER FUNDS		413,550	421,550	0	
Dept 906					
202-906-956-000	MISC EXPENSE	510	600	1,000	
Totals for dept 906 -		510	600	1,000	
TOTAL APPROPRIATIONS		1,493,649	2,541,473	131,011	
NET OF REVENUES/APPROPRIATIONS - FUND 202		(1,335,858)	(2,111,741)	494,295	
BEGINNING FUND BALANCE		2,446,247	2,446,247	334,506	
ENDING FUND BALANCE		1,110,389	334,506	828,801	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Fund 208 - PARK/RECREATION FUND					
ESTIMATED REVENUES					
Dept 000 - REVENUE					
208-000-434-001	FARM LEASE REVENUE	0	2,800	2,800	
208-000-665-001	INTEREST	16,253	6,000	12,000	
208-000-699-101	TRANSFER IN FROM GF #101 OPERATING	0	850,000	250,000	
Totals for dept 000 - REVENUE		16,253	858,800	264,800	
TOTAL ESTIMATED REVENUES		16,253	858,800	264,800	
APPROPRIATIONS					
Dept 223 - AUDIT					
208-223-801-000	AUDIT	200	500	500	
Totals for dept 223 - AUDIT		200	500	500	
Dept 536					
208-536-972-100	LAND FOR RECREATION	354,425	355,000	0	
Totals for dept 536 -		354,425	355,000	0	
Dept 751 - PARKS & RECREATION					
208-751-934-006	PARK PLANNING/ENGINEERING	0	100,000	20,000	
208-751-934-007	HAPRA	93,375	124,500	0	
208-751-934-010	B-BALL BENCHES PICNIC TABLE CHARGERS	0	0	0	
208-751-934-011	BOARDWALK/RAILING IMPROVEMENTS	15,418	30,000	0	
208-751-934-013	SECURITY UPGRADES	12,302	50,000	25,000	
208-751-934-015	REPAIR/REPLACE RUBBER- POUR IN PLACE	0	13,200	0	
208-751-934-017	NORTH SOCCER FIELD DRAINAGE REPAIR	0	60,000	0	
208-751-934-019	WAYFINDING SIGNAGE	0	2,000	2,000	
208-751-934-020	BRIGHTON ROAD CLEANUP	0	0	50,000	
208-751-934-060	PATH / PARK MAINTENANCE	82,164	175,000	175,000	
208-751-934-061	EQUIPMENT REPLACEMENT	3,020	5,000	5,000	
Totals for dept 751 - PARKS & RECREATION		206,279	559,700	277,000	
Dept 906					
208-906-956-000	MISC EXPENSE	813	1,000	1,000	
Totals for dept 906 -		713	1,000	1,000	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
TOTAL APPROPRIATIONS		561,617	916,200	278,500	
NET OF REVENUES/APPROPRIATIONS - FUND 208		(545,364)	(57,400)	(13,700)	
BEGINNING FUND BALANCE		813,904	813,904	756,504	
ENDING FUND BALANCE		268,540	756,504	742,804	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Fund 212 - LIQUOR LAW ENFORCEMENT					
ESTIMATED REVENUES					
Dept 000 - REVENUE					
212-000-574-001	STATE SHARED REV LIQUOR LAW	17,909	16,700	16,700	
212-000-665-001	INTEREST	66	20	20	
Totals for dept 000 - REVENUE		17,975	16,720	16,720	
TOTAL ESTIMATED REVENUES		17,975	16,720	16,720	
APPROPRIATIONS					
Dept 330 - LIQUOR LAW ENFORCEMENT					
212-330-702-013	LIQUOR LAW ENF WAGES	4,668	9,336	9,336	
212-330-709-009	EMPLOYER'S SHARE FICA	362	724	724	
212-330-715-002	RETIREMENT	467	933	933	
212-330-801-070	AUDITING EXPENSE	200	500	500	
212-330-803-070	LIQUOR LAW ADM FEE/GENOA TWP.	1,803	3,605	3,605	
212-330-860-070	VEHICLE EXPENSE	0	1,545	1,545	
Totals for dept 330 - LIQUOR LAW ENFORCEMENT		7,500	16,643	16,643	
TOTAL APPROPRIATIONS		7,500	16,643	16,643	
NET OF REVENUES/APPROPRIATIONS - FUND 212		10,475	77	77	
BEGINNING FUND BALANCE		5,064	5,064	5,141	
ENDING FUND BALANCE		15,539	5,141	5,218	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Fund 249 - BUILDING AND GROUNDS FUND					
ESTIMATED REVENUES					
Dept 000 - REVENUE					
249-000-665-001	INTEREST	9,568	1,440	2,000	
249-000-699-000	OPERATING TRANSFER IN #101	0	550,000	200,000	
Totals for dept 000 - REVENUE		9,568	551,440	202,000	
TOTAL ESTIMATED REVENUES		9,568	551,440	202,000	
APPROPRIATIONS					
Dept 265 - BUILDING & GROUNDS					
249-265-801-000	AUDIT	0	250	250	
249-265-955-000	MISCELLANEOUS EXP	799	1,500	1,000	
249-265-981-007	ASPHALT REPLACE, REPAIRS & RESEALING	0	50,000	50,000	Replace Soccer lot
249-265-981-008	SECURITY UPGRADES	3,158	100,000	20,000	No major security project planned
249-265-981-012	TWP BOARD ROOM UPGRADES	5,580	50,000	50,000	Video upgrades - new chairs
249-265-981-013	TWP HALL CUBICLE/CARPET DESIGN	0	10,000	10,000	
249-265-981-014	HERBST HOME OFFICE RENOVATION	140,591	400,000	30,000	Reduced to focus on Design options
249-265-981-015	WAYFINDING SIGNS	0	3,000	3,000	
Totals for dept 265 - BUILDING & GROUNDS		150,128	614,750	164,250	
TOTAL APPROPRIATIONS		150,128	614,750	164,250	
NET OF REVENUES/APPROPRIATIONS - FUND 249		(140,560)	(63,310)	37,750	
BEGINNING FUND BALANCE		480,571	480,571	417,261	
ENDING FUND BALANCE		340,011	417,261	455,011	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Fund 401 - ROAD IMPROVEMENT FUND					
ESTIMATED REVENUES					
Dept 000 - REVENUE					
401-000-665-001	INTEREST	24,793	22,800	10,000	
401-000-699-000	OPERATING TRANSFER IN	1,000,000	1,000,000	850,000	
Totals for dept 000 - REVENUE		1,024,793	1,022,800	860,000	
TOTAL ESTIMATED REVENUES		1,024,793	1,022,800	860,000	
APPROPRIATIONS					
Dept 223 - AUDIT					
401-223-801-000	AUDIT	200	500	500	
Totals for dept 223 - AUDIT		200	500	500	
Dept 446 - ROAD PROJECTS					
401-446-804-000	DUST CONTROL/CHLORIDE	80,034	95,000	100,000	
401-446-812-002	KELLOGG - LIMESTONE G.C. TO MCCLEMENS	125,000	125,000	0	
401-446-812-003	KELLOGG - GRAVEL G.R. TO MCCLEMENS	105,000	105,000	0	
401-446-812-004	EULER GRAVEL	90,000	90,000	0	
401-446-812-005	MCCLEMENS LIMESTONE	127,000	127,000	0	
401-446-812-006	CHALLIS/BAUER ROUNDABOUT	500,000	500,000	0	
401-446-812-007	CHILSON ROAD-BECK TO GRAND RIVER	310,885	600,000	0	
401-446-812-008	EULER ROAD - REPAVE	0	0	125,000	Project cost is $250,000. Cost is split with the LCRC in PPP
401-446-812-009	BRIGHTON RD WEST OF CHILSON-REPAVE	0	0	0	Moved project to 2026/27
401-446-812-010	BECK RD WEST OF CHILSON-GRAVEL	0	0	147,000	
401-446-812-011	CROOKED LAKE RD W OF CHILSON-GRAVEL	0	0	181,000	
401-446-812-013	HERBST RD-REPAVE	0	0	147,500	Project cost is $295,000. Cost is split with the LCRC in PPP
Totals for dept 446 - ROAD PROJECTS		1,337,919	1,642,000	700,500	
Dept 906					
401-906-956-000	MISC EXPENSE	500	600	780	
Totals for dept 906 -		500	600	780	
TOTAL APPROPRIATIONS		1,338,619	1,643,100	701,780	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
NET OF REVENUES/APPROPRIATIONS - FUND 401		(313,826)	(620,300)	158,220	
BEGINNING FUND BALANCE		996,973	996,973	376,673	
ENDING FUND BALANCE		683,147	376,673	534,893	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Fund 402 - PINE CREEK CONSTRUCTION FUND					
ESTIMATED REVENUES					
Dept 000 - REVENUE					
402-000-665-001	INTEREST	72,493	0	25,000	
402-000-671-000	PREPAID ASSESSMENTS	1,088,138	0	0	
402-000-671-001	LAKE VILLAS/TWP CONTRIBUTION	457,198	0	0	
402-000-699-202	TRANSFER OUT SAD ROAD & LAKES	2,861,704	0	0	
Totals for dept 000 - REVENUE		4,479,533	0	25,000	
TOTAL ESTIMATED REVENUES		4,479,533	0	25,000	
APPROPRIATIONS					
Dept 266 - LEGAL SERVICES					
402-266-803-000	SAD LEGAL FEES	70,862	0	21,016	From Estimate of Cost
Totals for dept 266 - LEGAL SERVICES		70,862	0	21,016	
Dept 441 - PUBLIC WORKS					
402-441-801-076	BONDING EXPENSE	88,093	0	30,891	Remaining amount from Estimate of Cost
Totals for dept 441 - PUBLIC WORKS		88,093	0	30,891	
Dept 906					
402-906-956-000	MISC EXPENSE	631	0	2,000	
402-906-991-001	PRINCIPAL ON LONG TERM DEBT	0	0	75,000	
402-906-992-001	INTERST ON LONG TERM DEBT	0	0	158,750	
Totals for dept 906 -		631	0	235,750	
TOTAL APPROPRIATIONS		159,586	0	287,657	
NET OF REVENUES/APPROPRIATIONS - FUND 402		4,319,947	0	(262,657)	
BEGINNING FUND BALANCE		45,551	45,551	45,551	
ENDING FUND BALANCE		4,365,498	45,551	(217,106)	

GL NUMBER	DESCRIPTION	2024-25 ACTIVITY THRU 03/31/25	2024-25 AMENDED BUDGET	2025-26 RECOMMENDED BUDGET	MORTENSEN COLUMN NOTES
Fund 532 - GENOA OP-GO CONVERSION DEBT					
ESTIMATED REVENUES					
Dept 000 - REVENUE					
532-000-665-001	INTEREST	13,082	15,000	8,000	
532-000-699-592	TRANSFER IN OP OPER # 592	270,177	358,000	358,000	
Totals for dept 000 - REVENUE		283,259	373,000	366,000	
TOTAL ESTIMATED REVENUES		283,259	373,000	366,000	
APPROPRIATIONS					
Dept 223 - AUDIT					
532-223-801-000	AUDIT	0	1,000	1,000	
Totals for dept 223 - AUDIT		0	1,000	1,000	
Dept 906					
532-906-956-000	AGENT FEES	0	550	550	
532-906-956-001	MISC EXPENSE	500	450	600	
532-906-991-001	PRINCIPAL ON LONG TERM DEBT	330,000	330,000	340,000	
532-906-992-001	INTEREST ON LONG TERM DEBT	38,994	79,987	71,388	
Totals for dept 906 -		369,494	410,987	412,538	
TOTAL APPROPRIATIONS		369,494	411,987	413,538	
NET OF REVENUES/APPROPRIATIONS - FUND 532		(86,235)	(38,987)	(47,538)	
BEGINNING FUND BALANCE		(4,035,095)	(4,035,095)	(4,074,082)	
ENDING FUND BALANCE		(4,121,330)	(4,074,082)	(4,121,620)	

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MEMORANDUM

TO: Board of Trustees

FROM: Kevin Spicher, Supervisor

DATE: 01/16/2025

RE: **My Genoa App**

To follow up on a previous discussion item, Trustee Walker reached out to his contacts in Brighton and Howell for feedback on the App that they use. He then contacted the vendor for additional information, and discovered that there was no set up or design fee, however the annual "maintenance" cost would be $5,400.00.

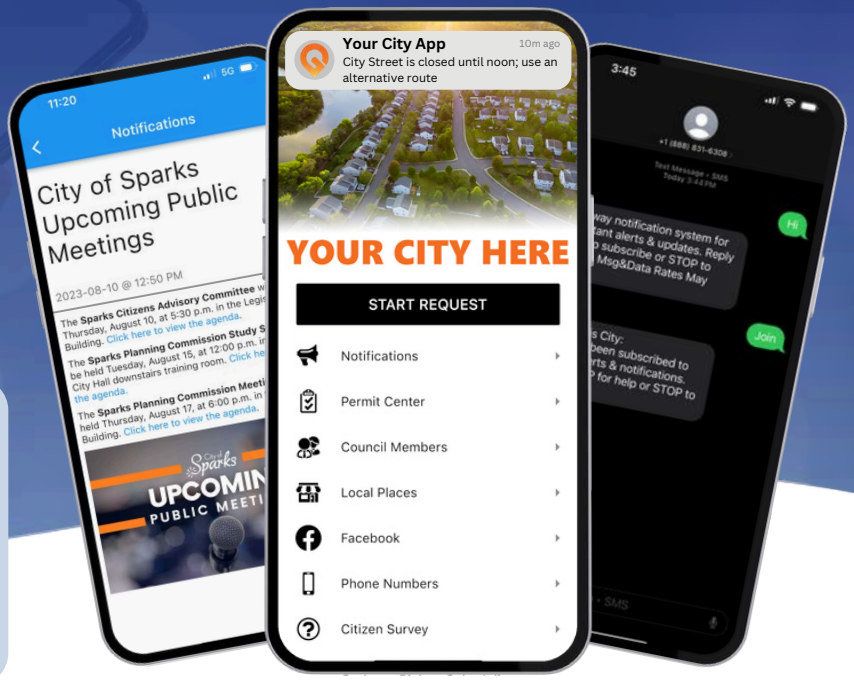
At this time I do not believe we wish to pursue the app any further.

SUPERVISOR
Kevin Spicher
CLERK
Janene Deaton
TREASURER
Robin L. Hunt
TRUSTEES
Rick Soucy
Bill Reiber
Candie Hovarter
Todd Walker
MANAGER
Kelly VanMarter

GOGov

Citizen Notifications

450+ customers
2m+ citizens engaged
7m+ issues resolved



Benefits for Citizen Notifications

Send Targeted Content

Setup subscription groups which allows citizens to subscribe to content.

Branded Mobile App

Provide your citizens with a mobile front door to government services.

Multi-Channel Communication

Mobile app, Email, SMS/texting, voice and social media.

All of Your Communication In One Spot

- ✓ Event Updates
- ✓ Election Information
- ✓ Weather Updates
- ✓ Road Closures
- ✓ Holiday Reminders
- ✓ Meeting Information
- ✓ Job Openings
- ✓ Facility Closures
- ✓ And More...

Get Started Today!

Citizen Benefits

Branded Mobile App
One place to access all notifications and important information directly from your local municipality.

Subscription Lists
Citizens can subscribe to the types of notifications that they want to receive.

Direct Notifications
Citizens rest assured that they won't miss important communications because they are delivered directly to their phones.

Manager Benefits

Efficient Communication
Quickly share important updates to residents for improved responsiveness across multiple communcation channels.

Enhanced Citizen Engagement
Engage residents more effectively by providing timely and relevant information.

Streamlined Operations
Foster community involvement with timely notifications and updates.

Staff Benefits

Message Editor
Create detailed and stylish communications with our user-friendly editor by including pictures, formatting and links.

Multi-Channel
Push content to all important channels such as email, mobile push notifications, SMS/texting, voice and social media with just a few clicks.

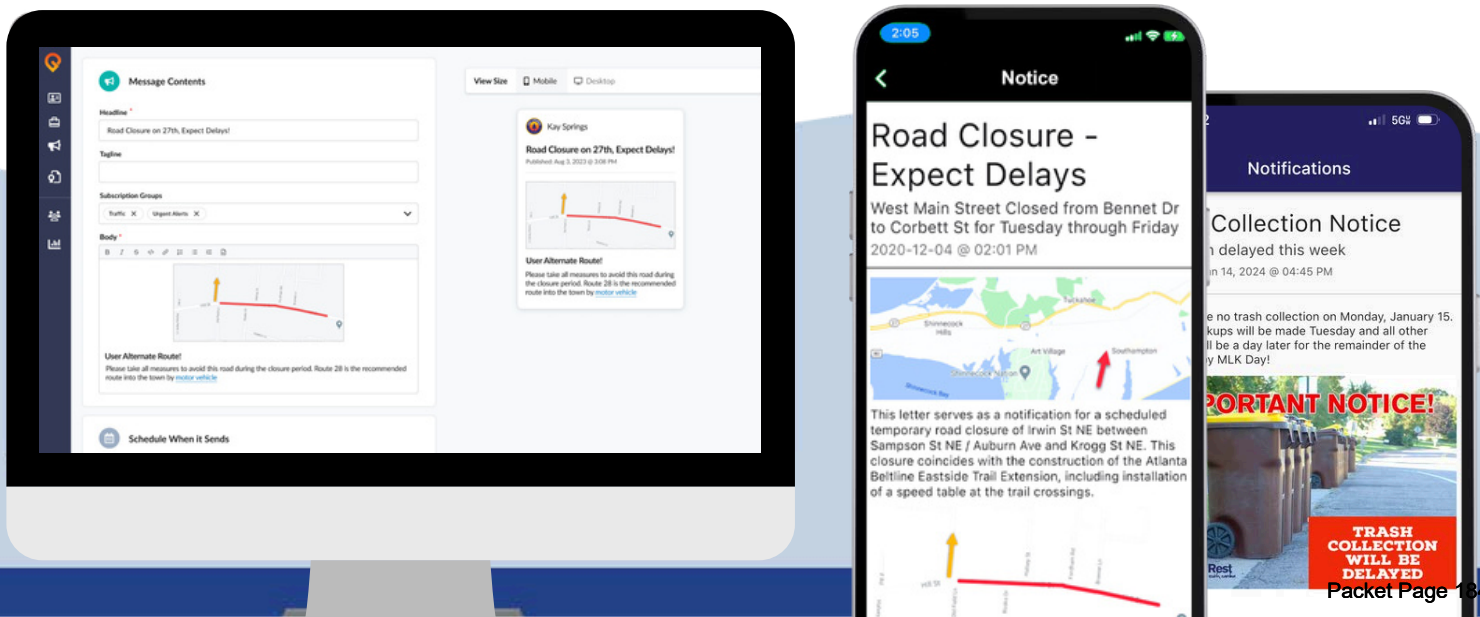
Marketing Support Included
Benefit from GOGov's continuous marketing support to keep the community engaged with the app, ensuring ongoing awareness and utilization of the platform.

Support & Training

All-Inclusive Training & Support
We provide unlimited access to a dedicated trainer as well as unlimited access to our support team via phone, web and email.

Ongoing Training & Support
Continuous assistance to adapt to changes, train new staff, and maintain performance.

Performance & Reliability
Dependable products with world-class infrastructure for uninterrupted service availability.



From: Rick Soucy
To: Supervisor; Kelly VanMarter
Subject: Zoning change - add to discussion @ next Board Meeting
Date: Tuesday, January 7, 2025 12:03:00 PM

It is my desire to add to the next Board meeting a discussion to change a zoning ordinance in regard to some property being deemed to have 2 front yards when clearly they are not used as 2 front yards.

This has caused people to be denied variance to create a backyard environment.

Rick Soucy
Genoa Township Trustee
rick@genoa.org
810-227-5225

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Brighton, MI 48116
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genoa.org

MEMORANDUM

TO: Honorable Board of Trustees

FROM: Kelly VanMarter, Manager

DATE: January 14, 2025

RE: **Per Diem Policy**

The existing Per Diem policy has been in place for many years and was last updated in 2020 to include virtual/electronic events which became more prevalent during COVID restrictions. The policy has been on my list to update for a number of years to provide refinement and clarification. Given the start of the new year with a new Board, I think this might be a good time to analyze the policy to see if there are changes that the Board would like to make. I've offered a few suggestions of items to discuss below and I look forward to your feedback on Monday.

Potential Revisions to the Per Diem Policy for Discussion:

1. Consider whether to provide per diem pay for community outreach events such as ribbon cuttings, town hall sessions, open houses, community group meetings, etc.
2. When there is an appointed representative and an alternate to an affiliated governmental agency, clarify per diem pay in the event both representatives attend.
3. For educational events, staff meetings, or other events that don't require decision making action and review of meeting packet materials - consider amendments to relate the per diem amount to the length of the event. For example, should we pay a full per diem for a lunch training or a brief office meeting.
4. Discuss revisions to the procedures for approval of per diem eligible activities and payments.

SUPERVISOR
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Kelly VanMarter

GENOA CHARTER TOWNSHIP
PER DIEM POLICY
Amended: May 18, 2020

The fee of a public official (per diem) in the form of an allowance for attendance at meetings, conferences or other special events authorized by the Genoa Charter Township Board or Administrative Committee shall be established annually for the Township Board of Trustees, Planning Commission and Zoning Board of Appeals. The Chairman of the Planning Commission and Zoning Board of Appeals will be paid the prevailing rate per the annual budget.

Per diems will be paid at the official's regular rate for the following:

1. Regular scheduled meetings of the Township Board, Planning Commission and Zoning Board of Appeals.

2. Special meetings of the Township Board, Planning Commission or Zoning Board of Appeals.

3. Attendance as an appointed Township representative at regularly scheduled meetings of a government body affiliated with the Township unless a per diem is paid by the other governmental body.

4. Attendance at a conference or other multi-day events when approved by the Township Board. The participant shall be entitled to a per diem for each day of the conference or events.

5. Staff meetings called by the Township Manager or other Township Officials.

Per diems will be paid at one-half the official's regular rate for the following:

1. Staff meetings called by the Manager or other elected Township Officials if the meeting is scheduled on the same day as the regular

meeting, except a full per diem will be paid on non-regular meeting days.

2. Travel days for conferences without meeting attendance will be compensated at half of the regular per diem.

3. Electronic training and educational webinars, classes and events will be paid subject to pre-approval by any two members of the non-attending Administrative Committee board members.

Note: Meetings, events, classes, seminars and situations not listed above to be reviewed by the Administrative Committee and/or the Township Board for interpretation regarding payment of per diems.

(policy/per-diems/200518ps)